



# Industrial, Electronic & Electrical Identification

Benchtop Industrial Printers  
Portable Label Printers  
Thermal Transfer Labels  
Label Design Software  
Barcode and Data Scanners  
PermaSleeve™ Wire Markers  
Raised Panel Labels  
And More!



# About BRADY



**Once you have worked with BRADY, our name will stick with you, (just like our labels) because BRADY is one of the world's leading labelling and identification specialists.**

## Innovative

At BRADY we continue to improve. We have many customers from all industries, and we strive to be ahead of their needs by continuing to invest in research for even more performant solutions. By developing more user-friendly and efficient concepts, we give our thousands of customers the best in the market.

## Strength

At BRADY, we believe our biggest strength is the wide range of identification and safety solutions we can offer our customers, whether it's labelling the smallest component or complete signage for an entire warehouse. We're also proud to offer many products and services - from printers, scanners and software to service contracts and on-site training - that compliment any identification job. And don't forget, our wide network of expert distributors can always offer you a tailor-made solution to meet your specific requirements.

## Trust

For hundred years, BRADY has been connected with quality, trust and stability. We demand the best for your products and services, because we know, better than anyone, the importance of good and reliable identification. Identification looks like a small detail, but every professional knows that this kind of detail is crucial to any business.

## Inform

We also have specialised dealers in your region, who can answer all your identification and labelling questions, specific to your activity. They will be happy to provide you with all kinds of options and solutions with no obligation.

Microsoft is a trademark of Microsoft Corporation, Bluetooth is a trademark of Bluetooth Sig, Inc., Android is a trademark of Google Inc.



Brady products are sold on the condition that the purchaser will test them in actual use and determine for himself/herself their suitability to his/her intended purpose. Brady warrants to the purchaser that Brady products are free from defects in material and workmanship but limits its obligation under this warranty to the replacement of the product which has been shown to Brady's satisfaction to have been defective at the time of its purchase.

The warranty does not extend to any persons who have acquired the product from the purchaser. It is in lieu of any other warranty, including every warranty of sale-ability, marketability or suitability for the intended purpose, and is also in lieu of any other obligation or liability on the part of Brady.

Under no circumstances will Brady be liable for losses, damage, costs or subsequent damage of whatever nature which may arise in connection with the use of, or inability to use, Brady's products.

# Industrial, Electronic & Electrical Identification

## TABLE OF CONTENTS

### Identification Reference Guide

|                                        |    |
|----------------------------------------|----|
| Material Brands Overview .....         | 6  |
| Performance Icons Guide.....           | 8  |
| Portable Printer Comparison Guide..... | 10 |
| Benchtop Printer Comparison Guide..... | 12 |
| Software.....                          | 14 |
| Barcode Readers .....                  | 17 |

### Portable Printing

|                                        |    |
|----------------------------------------|----|
| Portable Printer Comparison Guide..... | 20 |
| BMP™21-PLUS Label Printer.....         | 22 |
| BMP21 Cartridges .....                 | 24 |
| BMP™41 Label Printer.....              | 26 |
| BMP41 Cartridges .....                 | 28 |
| BMP™51 & BMP™53 Label Makers .....     | 34 |
| BMP51 and BMP53 Cartridges .....       | 36 |
| BMP™71 Label Printer.....              | 44 |
| BMP71 Cartridges .....                 | 46 |
| BMP71 Ribbons.....                     | 64 |

### Benchtop Printing

|                                        |                         |
|----------------------------------------|-------------------------|
| Benchtop Printer Comparison Guide..... | 66                      |
| BBP™11 Label Printer.....              | 68                      |
| BBP11 Label Materials.....             | 70                      |
| BBP™33 Label Printer.....              | 74                      |
| BBP33 Label Materials.....             | 76                      |
| BBP33 Ribbons.....                     | 89                      |
| Brady IP™ Series Printer .....         | 90                      |
| IP Series Label Materials .....        | 101                     |
| BradyPrinter™ PR Plus Printer .....    | 92                      |
| PR Plus Label Materials.....           | 101                     |
| BBP™72 Double-sided Printer .....      | 94                      |
| BBP72 Label Materials.....             | 152, 154, 157, 161, 163 |
| Wrapor™ Wire ID Printer .....          | 96                      |
| Wrapor™ Wire and Cable Materials.....  | 97                      |
| BSP™61 Print and Apply System .....    | 98                      |

### Benchtop Thermal Transfer Materials

|                                                           |     |
|-----------------------------------------------------------|-----|
| General Identification and Asset Tracking Materials ..... | 102 |
| Overlaminating Materials .....                            | 114 |
| Raised Panel / Control Panel Materials .....              | 116 |
| Circuit Board Materials .....                             | 118 |
| Tamper-evidence Materials .....                           | 125 |
| Temperature & Water-Indicating Materials .....            | 128 |
| Wire and Cable Materials .....                            | 129 |
| Pre-Printed Wire Markers .....                            | 140 |
| PermaSleeve™ Wire Marking Sleeves .....                   | 147 |
| Thermal Transfer Print Ribbons .....                      | 165 |
| Ribbon / Material Cross-Reference Guide .....             | 166 |

### Reference and Index

|                                   |     |
|-----------------------------------|-----|
| Master Material Index.....        | 168 |
| Material Adhesion Comparison..... | 174 |
| Label Index by Size .....         | 175 |
| Product Index .....               | 189 |

## The Brady Advantage

When it comes to identification, safety and compliance, there's a clear advantage to working with Brady. We put our customers first in everything we do.

Our goal is to give you an unrivalled customer experience. We are relentlessly committed to performance and excellence - in our products, services and people.

Our products and solutions perform in ways that others simply can't match. Our people perform in ways that regularly exceed your expectations, and our focus and discipline work toward solid, long-term performance for our customers.

In short, Brady is the company you trust when performance matters most.

**Learn more about the Brady Advantage at:**  
**[www.bradyeurope.com](http://www.bradyeurope.com)**





## BRADY IDENTIFICATION MATERIALS

PRODUCTS THAT PERFORM. QUALITY THAT LASTS.

At Brady, we have a steadfast commitment to provide our customers with unrivalled products and an unrivalled buying experience. We use customer feedback to continually design, improve and innovate our products to serve all of your needs, from general identification solutions to custom engineered labels.

With more than 20 label material patents, Brady works to provide customers with innovative products of the highest technological quality. Our Tobey Research Centre material science team, including 10 PhD's, develop and rigorously test all of our products to ensure high performance, industry compliance, durability and reliability. Our world-class label series are engineered to be long-lasting, withstand the harshest environments and work for a variety of applications. When it comes to identifying and tracking products, equipment and components, Brady is the company you trust when performance matters most.



### Custom Capabilities also available!

Brady offers a variety of technological capabilities including solvent, aqueous and silicone coating, slitting, die-cutting, laser prototypes, thermal transfer printing, offset, screen and pad printing, automated visual inspection and UV, solvent and waterbased inks.

Contact a Brady representative for more information on how to order your custom labels.



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information







# Identification Reference Guide

Use this reference guide to get a quick overview on label materials, printers, software and barcode readers. More in-depth information regarding printers and materials can be found throughout the catalogue.

## Label Materials

|                                |   |
|--------------------------------|---|
| Material Brands Overview ..... | 6 |
| Attributes Guide .....         | 8 |

## Printers

|                                         |    |
|-----------------------------------------|----|
| Portable Printer Comparison Guide ..... | 10 |
| Benchtop Printer Comparison Guide ..... | 12 |
| Software .....                          | 14 |
| Barcode Readers .....                   | 17 |



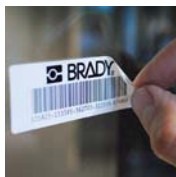
Brady's brands of labels that are geared toward applications where high performance, durability, industry compliance, and adherence to specifications are requirements. The new product lines include Brady's popular label materials, which are grouped by their specific performance features –making it easier for customers to choose the product best suited for their application needs.



## CleanLift™ Series

### Removable Labels

- REMOVES WITHOUT SCRAPING OR SURFACE DAMAGE
- EXCELLENT SOLVENT AND HEAT RESISTANCE
- DIVERSE RANGE OF APPLICATIONS



Brady CleanLift™ Series Removable Labels are engineered for durable and long-lasting performance. Our custom removable adhesives allow for clean and easy removal when ready to pull off - no damage to surfaces or scraping required.



These removable labels offer good solvent and heat resistance and are ideal for identifying electronic and other components, work in process identification and general purpose applications.



## Defender™ Series

### Tamper-evident Labels

- IRREVERSIBLE, VISIBLE EVIDENCE OF TAMPERING
- PROTECTS WARRANTY FRAUD, PRODUCT TAMPERING OR ASSET THEFT
- CHEMICAL, TEMPERATURE AND ABRASION RESISTANCE



Brady Defender™ Series tamper-evident seals and tamper indicating labels are custom engineered to provide print on demand, irreversible, visible evidence of label tampering to protect against warranty fraud, product tampering, altering, misuse or asset theft.



Multiple options are available, including fracturing labels and labels that leave a footprint when removed. Ideal for product and component identification, rating and serial plates, these quality labels are engineered for superior chemical, temperature and abrasion resistance.



## MetaLabel™ Series

### Metallised Labels

- METALLIC APPEARANCE - NAMEPLATE QUALITY
- RESISTANCE TO HARSH CHEMICALS AND ABRASION
- TRUE METAL FILMS FOR SPEC COMPLIANCE



Brady MetaLabel™ Series Metallised Labels provide a durable print on demand option for rating plate and asset tag applications for a desired metallic look. These labels offer superior resistance to harsh chemicals and heavy abrasion.



Brady MetaLabel™ Series label materials meet certain military, SAE and other specifications and are ideal for high quality/density barcode labels, asset identification, serial and rating plates.



## ToughBond™ Series

### Aggressive Adhesive Labels

- UP TO SIX ADHESION VALUES
- FOR ROUGH OR OIL/GREASE COVERED SURFACES
- NO EXTENSIVE SURFACE PREPARATION NEEDED



Brady ToughBond™ Series Aggressive Adhesive Labels are engineered for the toughest and most demanding industrial surfaces without extensive cleaning or surface preparation.



These label series offer permanent identification and outstanding adhesion that is up to three times higher than standard adhesives, making it ideal for rough, powder-coated and low surface energy applications. Ideal for product and component identification, high-quality/density barcode labels, asset and inventory tracking, rating plates and general ID.



## WorkHorse™ Series

### Harsh Environment Labels

- ENGINEERED FOR THE HARSHTEST ENVIRONMENTS
- SURVIVES HARSH CHEMICALS, ABRASION AND TEMPERATURES
- BROAD RANGE OF APPLICATIONS



Brady WorkHorse™ Series Harsh Environment Labels are custom engineered to meet the exact needs of the harshest environments across many different applications. They are made of durable, heavy-duty materials with adhesives to keep the label adhered to smooth surfaces through exposure to harsh chemicals, abrasion and temperatures.

These series are ideal for high quality/density barcoding, product and component identification, rating and serial plates, asset and inventory tracking and general identification.



## UltraTemp™ Series

### High Heat Labels

- SURVIVES HIGH HEAT (260°C) AND HARSH CHEMICALS
- PERFORMS IN REFLOW, WAVE SOLDER AND BOARD WASHING
- USABLE WITH ESD AND AUTO-APPLY EQUIPMENT



Brady UltraTemp™ High Heat Labels can withstand temperatures up to 260°C for 5 minutes along with powerful chemicals and cleaning processes used in PCB assembly, equipment and component manufacturing. These high heat label materials can improve your processes and reduce operating costs by identifying products throughout the entire manufacturing process.

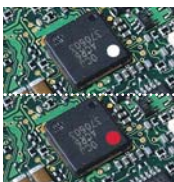
Brady UltraTemp™ Series label materials are rigorously tested for heat, chemical and abrasion resistance to ensure optimal performance in reflow, wave solder and board washing processes. Available in a variety of options, including anti-static and labels that can be used with auto-apply equipment, this series is ideal for printed circuit board identification or any high heat applications.



## VisAlert™ Series

### Indicating Labels

- IMMEDIATE VISUAL INDICATION OF WATER OR HEAT EXPOSURE
- CONTINUALLY MONITOR PRODUCT, COMPONENTS OR EQUIPMENT
- VARIOUS RANGES AND DESIGNS



Brady VisAlert™ Series Indicating Labels are designed to provide immediate visual indication of water or heat exposure. Water indicating labels change from white to bright red when exposed to water, without triggering false positives. Temperature indicating labels offer continuous monitoring and records a permanent, irreversible reading for the highest temperature attained.

These labels can prevent frequent breakdowns and shortened equipment life due to overuse or exposure to harmful elements as well as prevent fraud or product misuse. Ideal for motors, gear boxes, electrical equipment and product or component monitoring, these labels are available in various designs and ranges.



## PRODUCT PERFORMANCE ICONS

Brady's implementation of a series of attribute icons provides customers with at-a-glance information on performance attributes for each of the label materials. Watch for these icons through the catalogue to help you easily identify product performance features that fit your needs.



Look for these icons when using our parts catalogue, website, and more!

### Abrasion Resistance



- Resistance proven with testing on Taber Abraser equipment with CS10 grinding wheels and weighted arms.

### Electrostatic Dissipative



- Indicated material has surface resistivity values in the recommended range for Dissipative ESD Packaging Materials.

### Fuel/Oil Resistance



- Resistance proven with Immersion Test in Gasoline, Break Fluid, SAE 30wt Oil, JP-8 Jet Fuel, MIL-H- 5606 Oil.

### High Heat Resistance



- Resistance to 100°C.

### Low Temperature Resistance



- Labels subjected to -40°C, -70°C or -80°C for 30 days or 1000 hours.

### Outdoor Durability



- Favourable UV & weatherability testing equating to 3 years or greater outdoor durability.

### Removable



- Indicates material can be removed cleanly with no adhesive residue left on surface.

### Self-extinguishing Anti-flammability



- Flammability average burn time = <30 seconds
- Flame spread index of 0

### Solvent/Chemical Resistance



- Resistance proven with MEK / Acetone / Toluene / Xylene Immersion Test

### Tamper-indicating



- Materials indicate tampering through a visible fractured label or footprint.

### Temperature-indicating



- Indicates highest temperature exposure

### Ultra-aggressive Adhesion



- Measures the force required to remove label from the surface with a 180° peel and a constant rate of 12 inch/min.

### Water-indicating



- Indicates presence of liquid



Need More Information? View The Technical Data Sheets Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords. Visit [www.bradyeurope/tds](http://www.bradyeurope/tds) for more information.

## Material Brands & Attributes

|                                                                                                               |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                               | WorkHorse™ Labels                                                                 | MetaLabel™ Series                                                                 | ToughBond™ Series                                                                 | Defender™ Series                                                                    | CleanLift™ Series                                                                   | UltraTemp™ Series                                                                   |
|  Abrasion Resistance         | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Electrostatic Dissipative   | ✓                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | ✓                                                                                   |
|  Fuel/Oil Resistance         | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  High Heat Resistance        | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Low Temperature Resistance  | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Removable                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | ✓                                                                                   | -                                                                                   |
|  Solvent/Chemical Resistance | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Tamper-indicating           | -                                                                                 | -                                                                                 | -                                                                                 | ✓                                                                                   | -                                                                                   | -                                                                                   |
|  Ultra-aggressive Adhesive | -                                                                                 | ✓                                                                                 | ✓                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |

## Recommended Material Applications

|                                     |  |  |  |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                     | WorkHorse™ Labels                                                                   | MetaLabel™ Series                                                                   | ToughBond™ Series                                                                   | Defender™ Series                                                                      | CleanLift™ Series                                                                     | UltraTemp™ Series                                                                     |
| UL / CSA                            | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Component / Equipment ID            | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | -                                                                                     |
| Barcode / Data-coding               | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Inventory Tracking                  | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Asset Tracking                      | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Rating Plate                        | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| General ID                          | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Over-laminate                       | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Ultra-aggressive Adhesive           | -                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | -                                                                                     | -                                                                                     |
| Circuit Board ID / High Temperature | ✓                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Tamper-indicating                   | -                                                                                   | -                                                                                   | -                                                                                   | ✓                                                                                     | -                                                                                     | -                                                                                     |
| DoD UID                             | -                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | -                                                                                     | ✓                                                                                     |

# Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs. Then turn to the following pages to find out more about each printer, compatible materials and print ribbons.



|                                                | BMP™21-PLUS Label Printer                                                                                                                                                                                                                                                                                                  | BMP™41 Label Printer                                                                                                                                                                                                                       |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | An all-in-one labeler for voice/data comm, electrical and general industrial teams. With label materials designed specifically for harsh environments, the BMP™21-PLUS printer can quickly and easily create clear labels that stay stuck for years - despite extreme temperatures and curved or highly textured surfaces. | A mid range hand-held printer for on the job labelling in industrial environments. It is easy to use and it has all the latest features for printing on a large variety of high quality continuous and die-cut materials up to 25 mm wide. |
| <b>Applications</b>                            | Bin & Shelf Identification; Lean Identification; Patch Panel Marking; Rating Plates; Terminal Block Marking; Wire & Cable Marking; General & Industrial Marking; Voice & Data Communication                                                                                                                                | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                        |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                            |
| <b>Language Support</b>                        | Dutch, English, French, German, Italian, Spanish, Portuguese, Russian                                                                                                                                                                                                                                                      | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                          |
| <b>Software Compatibility</b>                  | -                                                                                                                                                                                                                                                                                                                          | CodeSoft, LabelMark                                                                                                                                                                                                                        |
| <b>Bar Code Capability</b>                     | Code 39 and 128                                                                                                                                                                                                                                                                                                            | Code 39 and 128, other via software                                                                                                                                                                                                        |
| <b>Power Supply</b>                            | 6 AA's, AC Power, Li-ion rechargeable battery                                                                                                                                                                                                                                                                              | Rechargeable NiMH battery with life indicator, AC Power, Quickcharger                                                                                                                                                                      |
| <b>Recommended Usage per Day</b>               | 75                                                                                                                                                                                                                                                                                                                         | 250                                                                                                                                                                                                                                        |
| <b>Built-in Symbols</b>                        | 104 symbols included                                                                                                                                                                                                                                                                                                       | 450 symbols included                                                                                                                                                                                                                       |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                 | Monocolour                                                                                                                                                                                                                                 |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                        |
| <b>Connectivity Options</b>                    | —                                                                                                                                                                                                                                                                                                                          | USB                                                                                                                                                                                                                                        |
| <b>Cutter</b>                                  | Cutter with label retention                                                                                                                                                                                                                                                                                                | Cutter with label retention                                                                                                                                                                                                                |
| <b>Display</b>                                 | Backlit LCD display with on screen indicators                                                                                                                                                                                                                                                                              | Large, backlit LCD display with on screen indicators                                                                                                                                                                                       |
| <b>Internal Memory Capacity</b>                | —                                                                                                                                                                                                                                                                                                                          | 48 MB - up to 25,000 labels                                                                                                                                                                                                                |
| <b>Keyboard Type</b>                           | ABC                                                                                                                                                                                                                                                                                                                        | QWERTY                                                                                                                                                                                                                                     |
| <b>Print Speed (mm/sec)</b>                    | 10                                                                                                                                                                                                                                                                                                                         | 33                                                                                                                                                                                                                                         |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                           | Thermal Transfer                                                                                                                                                                                                                           |
| <b>Print Resolution (dpi)</b>                  | 203 dpi                                                                                                                                                                                                                                                                                                                    | 300 dpi                                                                                                                                                                                                                                    |
| <b>Smart Cell</b>                              | Yes                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                        |
| <b>Text Sizes</b>                              | 6 to 40 pt                                                                                                                                                                                                                                                                                                                 | 4 to 72 pt                                                                                                                                                                                                                                 |
| <b>Serialisation</b>                           | Alphanumeric                                                                                                                                                                                                                                                                                                               | Multiple & Linked                                                                                                                                                                                                                          |
| <b>Weight (kg)</b>                             | 0.75 kg                                                                                                                                                                                                                                                                                                                    | 1.30 kg                                                                                                                                                                                                                                    |
| <b>Max. Label Width</b>                        | 19 mm                                                                                                                                                                                                                                                                                                                      | 25.40 mm                                                                                                                                                                                                                                   |
| <b>Max. Print Width</b>                        | 16.00 mm                                                                                                                                                                                                                                                                                                                   | 24.40 mm                                                                                                                                                                                                                                   |
| <b>Materials Supported</b>                     | 60+ standard parts : continuous tapes                                                                                                                                                                                                                                                                                      | 100+ standard parts : continuous tapes, die cut labels                                                                                                                                                                                     |
| <b>Label Dimensions</b>                        | <b>Continuous:</b><br>Width: 6.35, 9.53, 12.70, 19.05 mm;<br>Length: 2.10, 4.30, 4.90, 6.40 metre                                                                                                                                                                                                                          | <b>Continuous:</b><br>Width: from 6 to 25 mm;<br>Length: 2.1, 4.9, 6.1 or 7.6 metre;<br>Print length: 970 mm<br><b>Die-cut:</b><br>Width: from 6 to 25 mm;<br>Height: from 6 to 101 mm                                                     |
| <b>Label Colours</b>                           | Black on White, Black on Yellow, Black on Clear, White on Blue, White on Green, Black on Orange, White on Red, White on Purple, White on Brown, White on Clear, Black on Grey, White on Black                                                                                                                              | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                                 |



# Portable Printer Comparison Guide



|                                                | BMP™51 Label Maker                                                                                                                                                                                                                                      | BMP™53 Label Maker                                                                                                                                                                                                                                                              | BMP™71 Label Printer                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | A powerful portable printer for on the job labelling in industrial environments. With its extensive connectivity and networking options this easy to use sytem prints a large variety of high quality continous and die-cut materials up to 38 mm wide. | A powerful portable printer for on the job labelling in industrial environments with PC connection only. With its extensive connectivity and networking options this easy to use sytem prints a large variety of high quality continous and die-cut materials up to 38 mm wide. | The most versatile portable printer for on the job labelling in industrial environments. With its optimal efficiency it helps to reduce material waste and saves label making time. It prints on the largest variety of high quality continous and die-cut materials up to 50 mm wide and offers an option to have custom materials created. |
| <b>Applications</b>                            | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                                     | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                                                             | Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; Circuit Board Identification; General & Industrial Marking                                                                                                                                  |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                              |
| <b>Language Support</b>                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                                       | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                                                               | Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark                                                                                                                                                                                                                                     | CodeSoft, LabelMark                                                                                                                                                                                                                                                             | LabelMark, MarkWare                                                                                                                                                                                                                                                                                                                          |
| <b>Bar Code Capability</b>                     | Code 39 and 128, other via software                                                                                                                                                                                                                     | Code 39 and 128, other via software                                                                                                                                                                                                                                             | Code 39 and 128, other via software                                                                                                                                                                                                                                                                                                          |
| <b>Power Supply</b>                            | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                                                                      | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                                                                                              | Rechargeable NiMH Battery, AC Power                                                                                                                                                                                                                                                                                                          |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                                                                                                                                     | 250                                                                                                                                                                                                                                                                             | 1000                                                                                                                                                                                                                                                                                                                                         |
| <b>Built-in Symbols</b>                        | 450 symbols included                                                                                                                                                                                                                                    | 500 symbols included                                                                                                                                                                                                                                                            | 500+ symbols included                                                                                                                                                                                                                                                                                                                        |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                              | Monocolour                                                                                                                                                                                                                                                                      | Monocolour                                                                                                                                                                                                                                                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                                                                                          |
| <b>Connectivity Options</b>                    | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                                                                | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                                                                                        | USB                                                                                                                                                                                                                                                                                                                                          |
| <b>Cutter</b>                                  | Cutter with label retention                                                                                                                                                                                                                             | Cutter with label retention                                                                                                                                                                                                                                                     | Durable, self cleaning cutter                                                                                                                                                                                                                                                                                                                |
| <b>Display</b>                                 | Large, backlit LCD display with on screen indicators                                                                                                                                                                                                    | None                                                                                                                                                                                                                                                                            | Large, backlit colour LCD display with on screen indicators                                                                                                                                                                                                                                                                                  |
| <b>Internal Memory Capacity</b>                | 48 MB - up to 25.000 labels                                                                                                                                                                                                                             | Files saved to PC                                                                                                                                                                                                                                                               | 200 MB - up to 100.000 labels                                                                                                                                                                                                                                                                                                                |
| <b>Keyboard Type</b>                           | QWERTY                                                                                                                                                                                                                                                  | None                                                                                                                                                                                                                                                                            | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                                                                                                                                             |
| <b>Print Speed (mm/sec)</b>                    | 25.40                                                                                                                                                                                                                                                   | 25.40                                                                                                                                                                                                                                                                           | 38.10                                                                                                                                                                                                                                                                                                                                        |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                        | Thermal Transfer                                                                                                                                                                                                                                                                | Thermal Transfer                                                                                                                                                                                                                                                                                                                             |
| <b>Print Resolution (dpi)</b>                  | 300 dpi                                                                                                                                                                                                                                                 | 300 dpi                                                                                                                                                                                                                                                                         | 300 dpi                                                                                                                                                                                                                                                                                                                                      |
| <b>Smart Cell</b>                              | Yes                                                                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                                                                             | Yes                                                                                                                                                                                                                                                                                                                                          |
| <b>Text Sizes</b>                              | 4 to 102 pt                                                                                                                                                                                                                                             | 4 to 102 pt                                                                                                                                                                                                                                                                     | 4 to 174 pt                                                                                                                                                                                                                                                                                                                                  |
| <b>Serialisation</b>                           | Multiple & Linked                                                                                                                                                                                                                                       | Multiple & Linked                                                                                                                                                                                                                                                               | Multiple & Linked                                                                                                                                                                                                                                                                                                                            |
| <b>Weight (kg)</b>                             | 1.40                                                                                                                                                                                                                                                    | 1.28 kg                                                                                                                                                                                                                                                                         | 2.49                                                                                                                                                                                                                                                                                                                                         |
| <b>Max. Label Width</b>                        | 38.10 mm                                                                                                                                                                                                                                                | 38.10 mm                                                                                                                                                                                                                                                                        | 50.80 mm                                                                                                                                                                                                                                                                                                                                     |
| <b>Max. Print Width</b>                        | 36.00 mm                                                                                                                                                                                                                                                | 36.00 mm                                                                                                                                                                                                                                                                        | 45.97 mm                                                                                                                                                                                                                                                                                                                                     |
| <b>Materials Supported</b>                     | over190 stock parts; Continuous; Die-cut                                                                                                                                                                                                                | over 130 stock parts; Continuous; Die Cut                                                                                                                                                                                                                                       | Over 400 Stock Parts, Continuous, Die Cut and Bulk Label Rolls                                                                                                                                                                                                                                                                               |
| <b>Label Dimensions</b>                        | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970 mm<br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm                                                  | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970.00 mm<br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm                                                                       | <b>Continuous:</b><br>Width: from 9 to 50 mm;<br>Length: from 9 to 91 metre;<br>Print length: up to 1016 mm<br><b>Die-cut:</b><br>Width: from 6 to 50 mm;<br>Height: from 6 to 152 mm<br>Custom made & bulk labels possible                                                                                                                  |
| <b>Label Colours</b>                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                              | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                                                      | Black on White, Black on Yellow, Black on Clear, Black on Blue, Black on Green, Black on Orange, White on Black, Black on Silver, Black on Brown, Black on Gold, Black on Tan, Black on Ochre, Black on Red, Black on Magenta, Black on Pink, Black on Purple, Black on Light Blue, Black on Sky Blue<br>Custom made colours possible        |

# Benchtop Printer Comparison Guide

Use the following comparison guide to quickly see which benchtop printer best fits your application needs. Then turn to the printer section to find out more about the printer, compatible materials and ribbons.



|                                                | BBP™11 Desktop Printer Series                                                                                                        | BBP™33 Label Printer                                                                                                                                                                                                                                                 | Brady IP™ Printer                                                                                                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Small, compact and economical, ideal for general purpose product identification and wire and cable marking.                          | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    | The revolutionary IP™ Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Lower volume applications requiring a small desktop footprint. Ideal for general ID, cable and wire ID, lower volume electronics ID. | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                          |
| <b>Printer Specifications</b>                  |                                                                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                           |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                  | 1000                                                                                                                                                                                                                                                                 | 5000                                                                                                                                                                                                                                                     |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                 | CodeSoft, LabelMark, MarkWare, Windows based driver for 3rd party software use                                                                                                                                                                                       | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                                                     |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                           | Monocolour                                                                                                                                                                                                                                                           | Monocolour                                                                                                                                                                                                                                               |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Internal Ethernet                                                                                             | Standard: USB, Ethernet. Optional: Wifi, Bluetooth                                                                                                                                                                                                                   | Standard: USB, Serial, Ethernet. Optional: Wifi                                                                                                                                                                                                          |
| <b>Stand-alone Printing (Detached from PC)</b> | Optional                                                                                                                             | No, peripheral only                                                                                                                                                                                                                                                  | Yes                                                                                                                                                                                                                                                      |
| <b>Cutter</b>                                  | No                                                                                                                                   | Standard, Built in                                                                                                                                                                                                                                                   | No                                                                                                                                                                                                                                                       |
| <b>Hardware Options</b>                        | Cutter, Peel Off, Media Holder, Stand-Alone Keyboard                                                                                 | -                                                                                                                                                                                                                                                                    | Cutter                                                                                                                                                                                                                                                   |
| <b>Internal Memory Capacity</b>                | 8 MB                                                                                                                                 | 4 GB                                                                                                                                                                                                                                                                 | 64 MB                                                                                                                                                                                                                                                    |
| <b>Memory - Ram/Flash</b>                      | 2MB                                                                                                                                  | 4 GB                                                                                                                                                                                                                                                                 | 8 MB                                                                                                                                                                                                                                                     |
| <b>Label Dimension Limits</b>                  | Max. Width: 118 mm<br>Min. Width: 12.70 mm<br>Min. Height: 6 mm                                                                      | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                     |
| <b>Maximum Print Width (mm)</b>                | 108.00 mm                                                                                                                            | 101.60 mm                                                                                                                                                                                                                                                            | 105.60 mm                                                                                                                                                                                                                                                |
| <b>Max. Print Speed (mm/sec)</b>               | 200 dpi version: 127 mm/sec<br>300 dpi version: 76.20 mm/sec                                                                         | 100 mm/second                                                                                                                                                                                                                                                        | 200 mm/sec                                                                                                                                                                                                                                               |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                         |
| <b>Print Resolution (dpi)</b>                  | 203 / 300                                                                                                                            | 300                                                                                                                                                                                                                                                                  | 300 / 600                                                                                                                                                                                                                                                |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| Raised Panel labels (B-593, B-7593)            | Not Recommended                                                                                                                      | B-593 only                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| Heatex™ Cable Markers                          | Not Recommended                                                                                                                      | Acceptable                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| PermaSleeves (B-342, B-345)                    | Not Recommended                                                                                                                      | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Recommended (single-sided format only)                                                                                                                                                                                                                   |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Not Recommended                                                                                                                      | Not applicable                                                                                                                                                                                                                                                       | Acceptable                                                                                                                                                                                                                                               |
| ZH PermaSleeve Markers (B-7641)                | Not Recommended                                                                                                                      | Not applicable                                                                                                                                                                                                                                                       | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| HX PermaSleeve Markers (B-7642)                | Not Recommended                                                                                                                      | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                          | Recommended                                                                                                                                                                                                                                                          | Recommended                                                                                                                                                                                                                                              |

# Benchtop Printer Comparison Guide



|                                                | BradyPrinter™ BP-PR Plus Series                                                                                                                                                                                             | BSP™61 Print and Apply System                                                                                                                                      | BBP™72 Double-sided Sleeve Printer                                                                               | Wraptor Wire ID Printer/Applicator                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The BradyPrinter BP-PR Plus series is a rugged industrial printer range that is an ideal printing solution that meets the professional needs of Product Identification and Traceability applications in industrial markets. | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       | Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes | Automated system that prints and applies labels to wire, cable and wire harnesses.                                                   |
| <b>Applications</b>                            | Higher volume applications and accommodates thicker and specialty materials. Ideal for ADM users, wire sleeves, wire labels, electronics ID, raised panel material, Nomex tags and more.                                    | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. | High Volume Permasleeve™ Wire Marking Sleeves Printing (double-sided format only).                               | Prints & wraps self-laminating and vinyl cloth materials to wires from 1.50 to 15.20 mm diameter. Prints and wraps within 5 seconds. |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                             |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                      |
| <b>Hours of Operation</b>                      | 24 hours/7 days                                                                                                                                                                                                             | 24 hours/ 7 days                                                                                                                                                   | 24 hours/7 days                                                                                                  | 24 hours/7 days                                                                                                                      |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                                                                                        | 7000                                                                                                                                                               | 7000                                                                                                             | 7000                                                                                                                                 |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                        | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                               | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                             | LabelMark                                                                                                                            |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                  | Monocolour                                                                                                                                                         | Monocolour                                                                                                       | Monocolour                                                                                                                           |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Ethernet (optional)                                                                                                                                                                                  | Serial, USB, Ethernet (optional)                                                                                                                                   | Serial, USB, Ethernet (optional)                                                                                 | USB, Serial, Ethernet (Wired Only)                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                         | Yes                                                                                                                                                                | Yes                                                                                                              | Yes                                                                                                                                  |
| <b>Cutter</b>                                  | No                                                                                                                                                                                                                          | Not applicable                                                                                                                                                     | No                                                                                                               | Not applicable                                                                                                                       |
| <b>Hardware Options</b>                        | Cutter, Cutter Perforator, Peel Off                                                                                                                                                                                         | Applicators                                                                                                                                                        | Cutter                                                                                                           | —                                                                                                                                    |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                       | 64 MB                                                                                                                                                              | 64 MB                                                                                                            | 16 MB                                                                                                                                |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                                                                                        | 8 MB                                                                                                                                                               | 8 MB                                                                                                             | 4 MB                                                                                                                                 |
| <b>Label Dimension Limits</b>                  | Max. Width: 116 mm or 176 mm (BP-PR-360Plus+ only)<br>Min. Width: 4 mm or 6 mm (BP-PR-360Plus+ only)<br>Min. Height: 5 mm                                                                                                   | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   | Max. Width: 106.00 mm<br>Min. Width: 4.00 mm<br>Min. Height: 5.00 mm                                             | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Min. Height: 19.05 mm                                                                 |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm or 162.60 mm (BP-PR-360Plus)                                                                                                                                                                                      | 57.00 mm (BSP61-62) or 105.60 mm (BSP61-34)                                                                                                                        | 105.60 mm                                                                                                        | 50.80 mm                                                                                                                             |
| <b>Max. Print Speed (mm/sec)</b>               | 254 mm/sec                                                                                                                                                                                                                  | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     | 125 mm/sec                                                                                                       | —                                                                                                                                    |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                            | Thermal Transfer                                                                                                                                                   | Thermal Transfer                                                                                                 | Thermal Transfer                                                                                                                     |
| <b>Print Resolution (dpi)</b>                  | 203 / 300 / 600                                                                                                                                                                                                             | 300 / 600                                                                                                                                                          | 300                                                                                                              | 300                                                                                                                                  |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                             |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                      |
| Raised Panel labels (B-593, B-7593)            | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                    |
| Heatex™ Cable Markers                          | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                    |
| PermaSleeves (B-342, B-345)                    | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended                                                                                                      | -                                                                                                                                    |
| ZH PermaSleeve Markers (B-7641)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| HX PermaSleeve Markers (B-7642)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | -                                                                                                                | Recommended                                                                                                                          |



## LabelMark™ LABELLING SOFTWARE

EASY, EFFICIENT, COST-EFFECTIVE LABELING!

Brady's LabelMark™ Labelling Software offers features that make creating labels more efficient. Written specifically for identification applications in the telecommunication and electrical markets where wire and cable marking is a constant and tedious job.

LabelMark is the easy solution for label design, editing and printing. LabelMark is a fast system for creating new labels and printing professional, accurate and legible labels.

With built-in templates, wizards, fixed text labels and free form design, LabelMark Labelling Software simplifies label making in the electrical, industrial, aerospace and telecom industries.

### Available software versions:

#### LabelMark Standard features:

- Quickly enter copy into fixed-line text labels
- Add images, text, shapes, and 1D, 2D barcodes to your label designs
- Import data from MS Excel spreadsheets, databases, ASCII text files
- Design custom label material formats with the interactive custom part editor
- Save label designs as templates for faster printing
- Enter text into multiple lines simultaneously in wire marking mode for easier label reading
- Fix label design errors all at once with the error checking utility
- Save time in the design by defining wire source and duplicating and reversing the order to print wire destination for faster labelling

#### LabelMark Professional has all of the features of the standard version plus:

- Insert AutoCAD documents into your label designs
- Define the print quantity per label right in the design editor
- Associate label material parts to printers in the application defaults
- Batch print multiple label files in a single job
- Group your terminal blocks, wire, push-button, and panel labels in customer associated job files for easy kitting and knowledge transfer to other employees
- Electrical Application Wizards to guide you through label selections for control panel marking, wire harness labelling, and more

#### Printer Compatibility:

- BMP™41 Label Printer
- BMP™51/53 Label Printer
- BMP™71 Label Printer
- BBP™11 Label Printer
- BBP™33 Label Printer
- IP™ Series Printer
- BradyPrinter™ PR Plus Printer
- BBP™72 Double-Sided Printer
- Wrafter™ Wire ID Printer

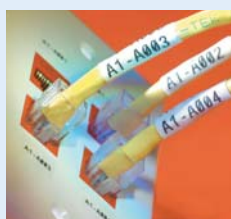
#### Primary Applications

- Wire and Cable Marking
- Terminal Block Marking
- Control Panel and Component Marking
- Voice and Data Equipment Labelling
- Asset Identification
- Patch Panel Identification
- Warehouse Bin and Shelf Labelling
- Rating Plate ID and General ID

### For Wire & Cable and General Industrial Labelling



Wire & Cable Marking



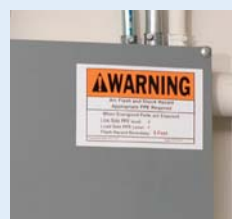
Voice & Data Communications



Circuit Board Labels



Control Panel Marking



General ID... and many more!



## MARKWARE™ FACILITY IDENTIFICATION SOFTWARE

ALL YOUR SAFETY AND FACILITY NEEDS IN ONE POWERFUL PACKAGE.

Brady's sign and label making software, Markware is the simple solution for do-it-yourself sign-making. Now, you can save time, save costs and create custom safety signs for your facility using Brady MarkWare Facility Identification Software.

Built-in library with over 1000 high-quality, scalable symbols and pictograms.



Warning



Prohibition



Mandatory



First Aid



Fire Safety



GHS/CLP



Public Info.



Tools



English & Foreign  
Language Headers

### Printer Compatibility:

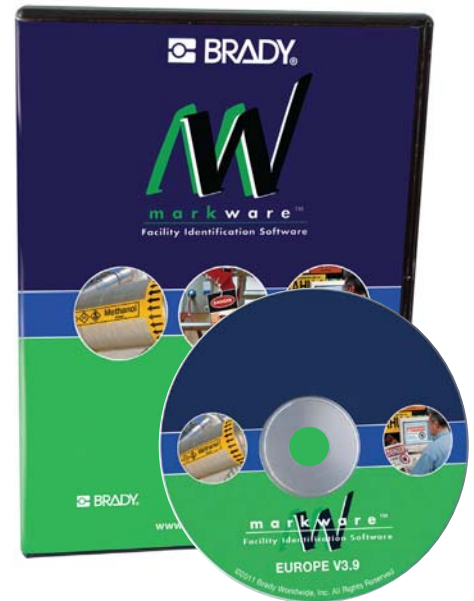
- BMP™71 Label Printer
- BBP™31 and BBP™33 Label Printers
- GlobalMark™2 Industrial Printer
- MiniMark™ Industrial Label Printer
- BBP™85 Label Printer

### Primary Applications

- Facility, Safety and Maintenance ID
- Lean / 5S / Visual Workplace ID
- Pipe Marking
- Barcode Labelling
- GHS / CLP Chemical Labelling
- Lockout / Energy Source Labels
- Arc Flash Labels
- Visual Equipment Controls
- Warehouse Bin and Shelf Labelling
- General Industrial Labels

### MarkWare Standard features:

- Use your PC to quickly design professional looking signs and labels
- Print directly to a Brady labeling system or most Windows® inkjet/laser printers
- Pre-formatted templates make sign and label creation quick & easy or, customise layouts to your own specifications
- Import logos and photos or create barcodes using 15 different symbologies
- Link label contents to information stored in spreadsheets and databases
- New tools to support and sustain your lean transformation and lean concepts
- Tools to support and sustain your lean transformation and lean concepts



### MarkWare™ Software's GHS / CLP Label Module

- 18 pre-formatted label layouts and approved GHS symbols are built-in
- Pre-worded hazard statements and GHS symbols automatically populates
- Prompts for additional variable data which then auto-populates into layout
- Choose a second language and MarkWare auto-populates in the second language

## For Lean, Safety & Facility Identification Labelling



Safety Signs



CLP/GHS Labels



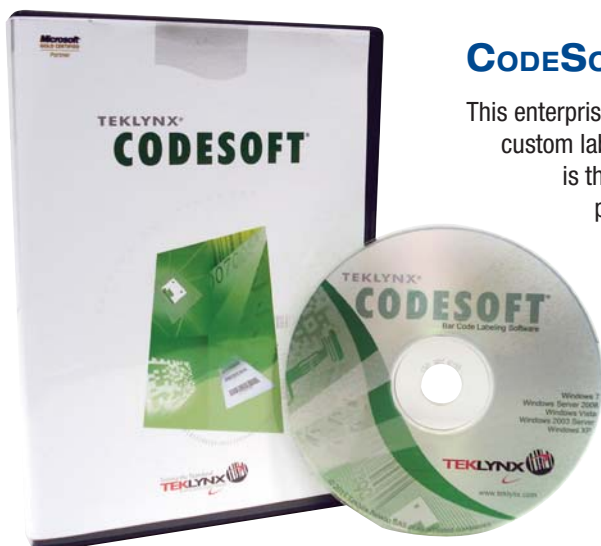
Pipe Marking



Barcode Labelling



Lean Initiatives &  
Visual Controls



## CODESOFT™ SOFTWARE

This enterprise-level label design software allows users to design and print custom labels for product identification and tracking. CodeSoft software is the professional solution for the most complex barcode labelling projects. CodeSoft excels at integrating with users systems and 3rd party software. The software provides a range of barcode label design features for any project, from easy label designs to general barcoding. CodeSoft gives you the power to design and print labels with ease and flexibility. Whether you need to print text, barcodes or graphic images, fixed or variable data, user defined or database driven, Brady has the barcode and labelling software to handle all your custom label needs.

### Printer Compatibility:

- BMP™41 Label Printer
- BMP™51/53 Label Printer
- BMP™71 Label Printer
- BBP™11 Label Printer
- BBP™33 Label Printer
- IP™ Series Printer
- BradyPrinter™ PR Plus Printer
- BBP™72 Double-sided Printer
- BSP™61 Print and Apply System



## SENTINEL SOFTWARE ADD-ON

Automated, mapping capabilities, "lights-out printing". Allows for integration of CodeSoft labelling software with existing Networked Systems.



For more information and guidance on selecting the right CodeSoft software solution for your application, please contact your Brady representative

## For Enterprise Level ID and 3rd Party Software Integration.



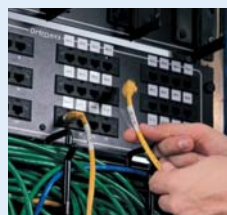
Rating Plate Identification



Control Panel Labelling



Circuit Board Labels



Voice & Data Communications



General ID ...and many more

Brady offers several different barcode reader solutions for your data collection and tracking applications, including basic data entry, shipping & receiving, identification initiatives, work-in-progress and more. A variety of barcode reader accessories including, battery chargers, detachable handles, Bluetooth equipment & reader stands are also available.



### CodeSoft™ Software

Combine a Code Reader and CodeSoft Labelling Software to create your full tracking solution.

#### There are 2 interface options:

##### Cabled (Basic):

Plug-and-play interface. Available with USB (standard). PS2 or RS232 interfaces. All cables use rugged automatic locking adapters that allow users to change cables while preventing inadvertent disconnections.

##### Batch (Basic + Battery):

Cabled & store & forward capacity in one unit. Simply detach the scanner from the computer, capture data remotely and reconnect to the computer. When reconnected, the scanner will automatically download data to the active application. When connected via the included USB cable, the unit operates as a standard keyboard wedge.

## LINEAR VS. 2-DIMENSIONAL CODES

| 7 mil Examples                                                                                                            | 10 mil Examples                                                                                                           | Symbol Size (mm)<br>Row x Column | Barcode Data Capacity |              | Built-in Error Correction |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------|--------------|---------------------------|
|                                                                                                                           |                                                                                                                           |                                  | Numeric               | Alphanumeric |                           |
| <br>3.43 mm 2D / Data Matrix Code      | <br>4.57 mm 2D / Data Matrix Code      | 18 x 18                          | 36                    | 25           | YES (ECC200)              |
| <br>4.95 mm 2D / Data Matrix Code      | <br>6.60 mm 2D / Data Matrix Code      | 26 x 26                          | 88                    | 64           | YES (ECC200)              |
| <br>35.40 mm Linear / Code 128 Barcode | <br>31.75 mm Linear / Code 128 Barcode | 31.75                            | 10                    | 10           | NO                        |



## CODE READER™ 1400

The CR1400 is a compact, rugged barcode reader that features a high performance scan engine and intuitive targeting that makes reading 1D and 2D codes extremely fast, reliable and affordable.

- High speed, omnidirectional reading of 1D and 2D codes
- Patented dual field optics, both high density and wide field in the same unit
- Glare reduction technology for reading codes on shiny surfaces
- Manual or automatic triggering
- 3 programmable indicators: vibration mode, LED and tone
- Data editing and parsing with JavaScript
- Disinfectant ready, IP54 housing

| Article No. | Description                             |
|-------------|-----------------------------------------|
| 361109      | CR1400 Scanner with 1.83 m USB cable    |
| 361103      | Metal stand and Base for CR1400 Scanner |





## CODE READER™ 2600

The CR2600 is an easy to use, lightweight, and high performing barcode reader that reads all 1D and 2D code symbologies. Featuring a durable, rechargeable battery plus programmable buttons for a custom workflow, it sets the standard in barcode reading technology.

- Battery status LED indicators with fuel gauge
- Programmable user feedback with vibration, audible tones and LED
- Patented dual field optics, both high density and wide field in the same unit
- High speed, omnidirectional reading of 1D and 2D codes
- Unequalled performance on rounded, curved and shiny surfaces
- Multiple programmable buttons for customised work flow processes
- Easy to clean, disinfectant ready, IP65 housing for healthcare use
- Powerful data management capability with JavaScript



| Article No. | Description                                                                       |
|-------------|-----------------------------------------------------------------------------------|
| 134441      | CR2600, Handle, Bluetooth, Charging Station with Embedded Modem, USB Charge Cable |
| 134442      | CR2600, Palm, Bluetooth, Charging Station with Embedded Modem, USB Charge Cable   |

### Accessories

| Article No. | Description                                                         |
|-------------|---------------------------------------------------------------------|
| 134443      | CR2600 Battery                                                      |
| 134444      | 0.92m Mini-USB Charging Cable (USB to Mini-USB)                     |
| 134445      | CR2600 Charging Station with Embedded Modem, 0.92m USB Charge cable |
| 134446      | CR2600 Base/adaptor plate                                           |



## CODE READER™ 3600

The CR3600 sleek, wireless scanner has a colour screen and keypad that allows users to manually enter data in real time. The screen provides a mobile solution for users who need instant visibility to scanned information, the device handles every type of mobile barcode need.

- Bright colour display screen
- Lightweight models in palm and handled configurations
- Durable, quick-release rechargeable battery cartridges
- Battery status LED indicators with fuel gauge
- User feedback with vibration, audible tones and LED
- High speed, omnidirectional reading of 1D, 2D barcodes
- Multiple programmable buttons for customised work flow processes
- IP54 housing securely protects electronics and optics
- Powerful data management capability with JavaScript
- Compatible with Bluetooth supported Android, iOS, and Windows mobile devices and tablets



| Article No. | Description                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| 138472      | CR3600 dark grey scanner with handle, bluetooth, battery and a charging station with embedded modem and a 1M USB charge cable |
| 138473      | CR3600 dark grey Palm scanner with bluetooth, battery and a charging station with embedded modem and a 1M USB charge cable    |

### Accessories

| Article No. | Description                                                           |
|-------------|-----------------------------------------------------------------------|
| 138474      | CR3600 charging station with embedded modem and a 1M USB charge cable |
| 138475      | CR3600 B4 dark grey battery                                           |



### CodeSoft™ Software

Combine a Code Reader and CodeSoft Labelling Software to create your full tracking solution.





## Portable Printing

Brady offers a complete line of portable label printers designed for fast and efficient label making. These handheld printers are ideal for barcode printing and labeling, wire and cable marking, circuit board and component labelling and work in process labeling.

With industrial strength durability, they can be taken anywhere you need to label- including the field and into a job site. Brady's portable printers are lightweight, easy-to-use and ideal for on the spot labelling in voice/datacom, electrical, electronics and industrial workplaces.

|                                        |    |
|----------------------------------------|----|
| Portable Printer Comparison Guide..... | 20 |
| BMP™21-PLUS Label Printer .....        | 22 |
| BMP21-PLUS Cartridges .....            | 24 |
| BMP™41 Label Printer .....             | 26 |
| BMP41 Cartridges.....                  | 28 |
| BMP™51 & BMP™53 Label Makers .....     | 34 |
| BMP51 and BMP53 Cartridges.....        | 36 |
| BMP™71 Label Printer .....             | 44 |
| BMP71 Cartridges.....                  | 46 |
| BMP71 Ribbons .....                    | 64 |



# Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs. Then turn to the following pages to find out more about each printer, compatible materials and print ribbons.



|                                                | BMP™21-PLUS Label Printer                                                                                                                                                                                                                                                                                                  | BMP™41 Label Printer                                                                                                                                                                                                                       |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | An all-in-one labeler for voice/data comm, electrical and general industrial teams. With label materials designed specifically for harsh environments, the BMP™21-PLUS printer can quickly and easily create clear labels that stay stuck for years - despite extreme temperatures and curved or highly textured surfaces. | A mid range hand-held printer for on the job labelling in industrial environments. It is easy to use and it has all the latest features for printing on a large variety of high quality continuous and die-cut materials up to 25 mm wide. |
| <b>Applications</b>                            | Bin & Shelf Identification; Lean Identification; Patch Panel Marking; Rating Plates; Terminal Block Marking; Wire & Cable Marking; General & Industrial Marking; Voice & Data Communication                                                                                                                                | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                        |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                            |
| <b>Language Support</b>                        | Dutch, English, French, German, Italian, Spanish, Portuguese, Russian                                                                                                                                                                                                                                                      | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                          |
| <b>Software Compatibility</b>                  | -                                                                                                                                                                                                                                                                                                                          | CodeSoft, LabelMark                                                                                                                                                                                                                        |
| <b>Bar Code Capability</b>                     | Code 39 and 128                                                                                                                                                                                                                                                                                                            | Code 39 and 128, other via software                                                                                                                                                                                                        |
| <b>Power Supply</b>                            | 6 AA's, AC Power, Li-ion rechargeable battery                                                                                                                                                                                                                                                                              | Rechargeable NiMH battery with life indicator, AC Power, Quickcharger                                                                                                                                                                      |
| <b>Recommended Usage per Day</b>               | 75                                                                                                                                                                                                                                                                                                                         | 250                                                                                                                                                                                                                                        |
| <b>Built-in Symbols</b>                        | 104 symbols included                                                                                                                                                                                                                                                                                                       | 450 symbols included                                                                                                                                                                                                                       |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                 | Monocolour                                                                                                                                                                                                                                 |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                        |
| <b>Connectivity Options</b>                    | —                                                                                                                                                                                                                                                                                                                          | USB                                                                                                                                                                                                                                        |
| <b>Cutter</b>                                  | Cutter with label retention                                                                                                                                                                                                                                                                                                | Cutter with label retention                                                                                                                                                                                                                |
| <b>Display</b>                                 | Backlit LCD display with on screen indicators                                                                                                                                                                                                                                                                              | Large, backlit LCD display with on screen indicators                                                                                                                                                                                       |
| <b>Internal Memory Capacity</b>                | —                                                                                                                                                                                                                                                                                                                          | 48 MB - up to 25,000 labels                                                                                                                                                                                                                |
| <b>Keyboard Type</b>                           | ABC                                                                                                                                                                                                                                                                                                                        | QWERTY                                                                                                                                                                                                                                     |
| <b>Print Speed (mm/sec)</b>                    | 10                                                                                                                                                                                                                                                                                                                         | 33                                                                                                                                                                                                                                         |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                           | Thermal Transfer                                                                                                                                                                                                                           |
| <b>Print Resolution (dpi)</b>                  | 203 dpi                                                                                                                                                                                                                                                                                                                    | 300 dpi                                                                                                                                                                                                                                    |
| <b>Smart Cell</b>                              | Yes                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                        |
| <b>Text Sizes</b>                              | 6 to 40 pt                                                                                                                                                                                                                                                                                                                 | 4 to 72 pt                                                                                                                                                                                                                                 |
| <b>Serialisation</b>                           | Alphanumeric                                                                                                                                                                                                                                                                                                               | Multiple & Linked                                                                                                                                                                                                                          |
| <b>Weight (kg)</b>                             | 0.75 kg                                                                                                                                                                                                                                                                                                                    | 1.30 kg                                                                                                                                                                                                                                    |
| <b>Max. Label Width</b>                        | 19 mm                                                                                                                                                                                                                                                                                                                      | 25.40 mm                                                                                                                                                                                                                                   |
| <b>Max. Print Width</b>                        | 16.00 mm                                                                                                                                                                                                                                                                                                                   | 24.40 mm                                                                                                                                                                                                                                   |
| <b>Materials Supported</b>                     | 60+ standard parts : continuous tapes                                                                                                                                                                                                                                                                                      | 100+ standard parts : continuous tapes, die cut labels                                                                                                                                                                                     |
| <b>Label Dimensions</b>                        | <b>Continuous:</b><br>Width: 6.35, 9.53, 12.70, 19.05 mm;<br>Length: 2.10, 4.30, 4.90, 6.40 metre                                                                                                                                                                                                                          | <b>Continuous:</b><br>Width: from 6 to 25 mm;<br>Length: 2.1, 4.9, 6.1 or 7.6 metre;<br>Print length: 970 mm<br><b>Die-cut:</b><br>Width: from 6 to 25 mm;<br>Height: from 6 to 101 mm                                                     |
| <b>Label Colours</b>                           | Black on White, Black on Yellow, Black on Clear, White on Blue, White on Green, Black on Orange, White on Red, White on Purple, White on Brown, White on Clear, Black on Grey, White on Black                                                                                                                              | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                                 |

# Portable Printer Comparison Guide



|                                                | BMP™51 Label Maker                                                                                                                                                                                                                                      | BMP™53 Label Maker                                                                                                                                                                                                                                                              | BMP™71 Label Printer                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | A powerful portable printer for on the job labelling in industrial environments. With its extensive connectivity and networking options this easy to use sytem prints a large variety of high quality continous and die-cut materials up to 38 mm wide. | A powerful portable printer for on the job labelling in industrial environments with PC connection only. With its extensive connectivity and networking options this easy to use sytem prints a large variety of high quality continous and die-cut materials up to 38 mm wide. | The most versatile portable printer for on the job labelling in industrial environments. With its optimal efficiency it helps to reduce material waste and saves label making time. It prints on the largest variety of high quality continous and die-cut materials up to 50 mm wide and offers an option to have custom materials created. |
| <b>Applications</b>                            | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                                     | Wire & Cable Marking; Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; General & Industrial Marking                                                                             | Patch Panel Identification; Control Panel & Component Marking; Terminal Block Marking; Voice & Data Communication; Electrical Component Marking; Circuit Board Identification; General & Industrial Marking                                                                                                                                  |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                              |
| <b>Language Support</b>                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                                       | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                                                                                               | Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark                                                                                                                                                                                                                                     | CodeSoft, LabelMark                                                                                                                                                                                                                                                             | LabelMark, MarkWare                                                                                                                                                                                                                                                                                                                          |
| <b>Bar Code Capability</b>                     | Code 39 and 128, other via software                                                                                                                                                                                                                     | Code 39 and 128, other via software                                                                                                                                                                                                                                             | Code 39 and 128, other via software                                                                                                                                                                                                                                                                                                          |
| <b>Power Supply</b>                            | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                                                                      | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                                                                                              | Rechargeable NiMH Battery, AC Power                                                                                                                                                                                                                                                                                                          |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                                                                                                                                     | 250                                                                                                                                                                                                                                                                             | 1000                                                                                                                                                                                                                                                                                                                                         |
| <b>Built-in Symbols</b>                        | 450 symbols included                                                                                                                                                                                                                                    | 500 symbols included                                                                                                                                                                                                                                                            | 500+ symbols included                                                                                                                                                                                                                                                                                                                        |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                              | Monocolour                                                                                                                                                                                                                                                                      | Monocolour                                                                                                                                                                                                                                                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                                                                                          |
| <b>Connectivity Options</b>                    | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                                                                | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                                                                                        | USB                                                                                                                                                                                                                                                                                                                                          |
| <b>Cutter</b>                                  | Cutter with label retention                                                                                                                                                                                                                             | Cutter with label retention                                                                                                                                                                                                                                                     | Durable, self cleaning cutter                                                                                                                                                                                                                                                                                                                |
| <b>Display</b>                                 | Large, backlit LCD display with on screen indicators                                                                                                                                                                                                    | None                                                                                                                                                                                                                                                                            | Large, backlit colour LCD display with on screen indicators                                                                                                                                                                                                                                                                                  |
| <b>Internal Memory Capacity</b>                | 48 MB - up to 25.000 labels                                                                                                                                                                                                                             | Files saved to PC                                                                                                                                                                                                                                                               | 200 MB - up to 100.000 labels                                                                                                                                                                                                                                                                                                                |
| <b>Keyboard Type</b>                           | QWERTY                                                                                                                                                                                                                                                  | None                                                                                                                                                                                                                                                                            | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                                                                                                                                             |
| <b>Print Speed (mm/sec)</b>                    | 25.40                                                                                                                                                                                                                                                   | 25.40                                                                                                                                                                                                                                                                           | 38.10                                                                                                                                                                                                                                                                                                                                        |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                        | Thermal Transfer                                                                                                                                                                                                                                                                | Thermal Transfer                                                                                                                                                                                                                                                                                                                             |
| <b>Print Resolution (dpi)</b>                  | 300 dpi                                                                                                                                                                                                                                                 | 300 dpi                                                                                                                                                                                                                                                                         | 300 dpi                                                                                                                                                                                                                                                                                                                                      |
| <b>Smart Cell</b>                              | Yes                                                                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                                                                             | Yes                                                                                                                                                                                                                                                                                                                                          |
| <b>Text Sizes</b>                              | 4 to 102 pt                                                                                                                                                                                                                                             | 4 to 102 pt                                                                                                                                                                                                                                                                     | 4 to 174 pt                                                                                                                                                                                                                                                                                                                                  |
| <b>Serialisation</b>                           | Multiple & Linked                                                                                                                                                                                                                                       | Multiple & Linked                                                                                                                                                                                                                                                               | Multiple & Linked                                                                                                                                                                                                                                                                                                                            |
| <b>Weight (kg)</b>                             | 1.40                                                                                                                                                                                                                                                    | 1.28 kg                                                                                                                                                                                                                                                                         | 2.49                                                                                                                                                                                                                                                                                                                                         |
| <b>Max. Label Width</b>                        | 38.10 mm                                                                                                                                                                                                                                                | 38.10 mm                                                                                                                                                                                                                                                                        | 50.80 mm                                                                                                                                                                                                                                                                                                                                     |
| <b>Max. Print Width</b>                        | 36.00 mm                                                                                                                                                                                                                                                | 36.00 mm                                                                                                                                                                                                                                                                        | 45.97 mm                                                                                                                                                                                                                                                                                                                                     |
| <b>Materials Supported</b>                     | over190 stock parts; Continuous; Die-cut                                                                                                                                                                                                                | over 130 stock parts; Continuous; Die Cut                                                                                                                                                                                                                                       | Over 400 Stock Parts, Continuous, Die Cut and Bulk Label Rolls                                                                                                                                                                                                                                                                               |
| <b>Label Dimensions</b>                        | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970 mm<br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm                                                  | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970.00 mm<br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm                                                                       | <b>Continuous:</b><br>Width: from 9 to 50 mm;<br>Length: from 9 to 91 metre;<br>Print length: up to 1016 mm<br><b>Die-cut:</b><br>Width: from 6 to 50 mm;<br>Height: from 6 to 152 mm<br>Custom made & bulk labels possible                                                                                                                  |
| <b>Label Colours</b>                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                              | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                                                                                      | Black on White, Black on Yellow, Black on Clear, Black on Blue, Black on Green, Black on Orange, White on Black, Black on Silver, Black on Brown, Black on Gold, Black on Tan, Black on Ochre, Black on Red, Black on Magenta, Black on Pink, Black on Purple, Black on Light Blue, Black on Sky Blue<br>Custom made colours possible        |



## BMP™21-PLUS LABEL PRINTER

**TOUGH ON THE OUTSIDE.  
SMART ON THE INSIDE.**

Once you experience the BMP™21-PLUS Label Printer's unstoppable labelling power, you're not going to want to share. It combines a tough exterior with smart printing capabilities for wires, cables and flat surfaces.

- Drop-lock-and-print cartridges
- Super rugged with moulded rubber bumpers
- Rechargeable Lithium-ion battery
- 7 durable continuous materials with widths from 6 to 38.10 mm
- Automatic label formatting for wire wraps, terminal blocks, patch panels and cable flags and general banner labels
- 104 symbols for electric, smart home, safety and datacom
- Label grabber, printer holds label after cutting
- Standard 2 year warranty

### BMP™21-PLUS LABEL PRINTER

| Art. No. | Description                             |
|----------|-----------------------------------------|
| 139535   | BMP21-PLUS Printer Blister Pack         |
| 139779   | BMP21-PLUS Russian Printer Blister Pack |

Blister package contains: Printer + Lanyard + Quick Start Guide + M21-750-499

### BMP21-PLUS STARTER KITS

| Art. No. | Description                 |
|----------|-----------------------------|
| 134458   | BMP21-PLUS Printer Kit EU   |
| 134459   | BMP21-PLUS Printer Kit UK   |
| 134460   | BMP21-PLUS Printer Kit US   |
| 134461   | BMP21-PLUS Printer Kit RUSS |

Starter kit contains: Printer + Hard Case + Li-ion Battery + Power Cord + Lanyard + Quick Start Guide + M21-750-499

### BMP21-PLUS APPLICATION KITS

| Art. No. | Description                             |
|----------|-----------------------------------------|
| 134462   | BMP21-PLUS Electrical Printer Kit EU    |
| 134471   | BMP21-PLUS Electrical Printer Kit Russ  |
| 134463   | BMP21-PLUS Electrical Printer Kit UK    |
| 134464   | BMP21-PLUS Electrical Printer Kit US    |
| 134468   | BMP21-PLUS TeleDatacom Printer Kit EU   |
| 134472   | BMP21-PLUS TeleDatacom Printer Kit Russ |
| 134469   | BMP21-PLUS TeleDatacom Printer Kit UK   |
| 134470   | BMP21-PLUS TeleDatacom Printer Kit US   |

Electrical Kit contains: BMP21-PLUS Printer + Hard Case + Li-ion Battery + Quick Start Guide + Power Cord + Lanyard + M21-750-499, M21-1000-427 and M21-750-595-YL

Tele/Datacom Kit contains: BMP21-PLUS Printer + Hard Case + Li-ion Battery + Quick Start Guide + Power Cord + Lanyard + M21-750-499, M21-1250-427 and M21-250-423



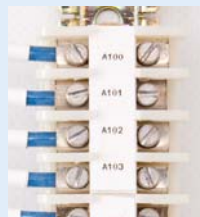
**An affordable label and wire marker printer designed for the toolbox**



Electrical Labelling



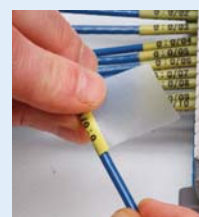
Voice & Datacom Identification



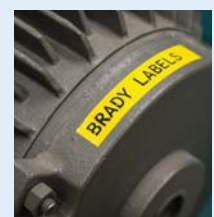
Terminal Block Marking



PermaSleeve™ Wire Marking Sleeves



Self-laminating Labels

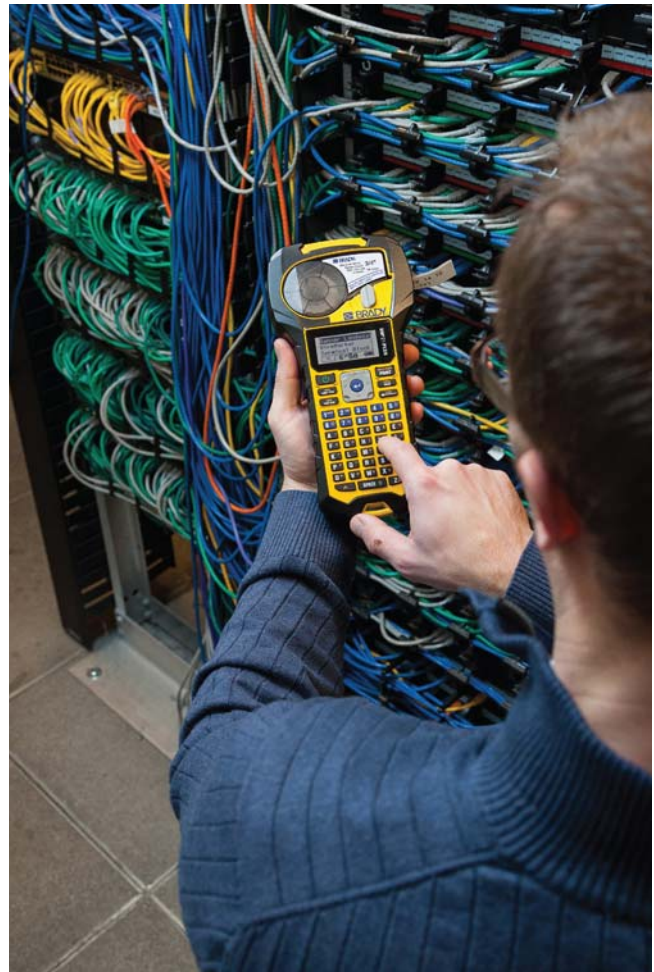


General ID and many more!



## Printer Specifications

|                                         |                                                                                                                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Dutch, English, French, German, Italian, Spanish, Portuguese, Russian                                                                                                                         |
| Software Compatibility                  | -                                                                                                                                                                                             |
| Bar Code Capability                     | Code 39 and 128                                                                                                                                                                               |
| Recommended Usage per Day               | 75                                                                                                                                                                                            |
| Built-in Symbols                        | 104 symbols included                                                                                                                                                                          |
| Colour Capability                       | Monocolour                                                                                                                                                                                    |
| Stand-alone Printing (Detached from PC) | Yes                                                                                                                                                                                           |
| Connectivity Options                    | -                                                                                                                                                                                             |
| Internal Memory Capacity                | -                                                                                                                                                                                             |
| Print Speed (mm/sec)                    | 10                                                                                                                                                                                            |
| Print Technology                        | Thermal Transfer                                                                                                                                                                              |
| Print Resolution (dpi)                  | 203 dpi                                                                                                                                                                                       |
| Smart Cell                              | Yes                                                                                                                                                                                           |
| Text Sizes                              | 6 to 40 pt                                                                                                                                                                                    |
| Serialisation                           | Alphanumeric                                                                                                                                                                                  |
| Max. Label Width                        | 19 mm                                                                                                                                                                                         |
| Max. Print Width                        | 16.00 mm                                                                                                                                                                                      |
| Materials Supported                     | 60+ standard parts : continuous tapes                                                                                                                                                         |
| Label Dimensions                        | <b>Continuous:</b><br>Width: 6.35, 9.53, 12.70, 19.05 mm;<br>Length: 2.10, 4.30, 4.90, 6.40 metre                                                                                             |
| Label Colours                           | Black on White, Black on Yellow, Black on Clear, White on Blue, White on Green, Black on Orange, White on Red, White on Purple, White on Brown, White on Clear, Black on Grey, White on Black |
| Keyboard Type                           | ABC                                                                                                                                                                                           |
| Display                                 | Backlit LCD display with on screen indicators                                                                                                                                                 |
| Cutter                                  | Cutter with label retention                                                                                                                                                                   |
| Power Supply                            | 6 AA's, AC Power, Li-ion rechargeable battery                                                                                                                                                 |
| Height x Width x Depth                  | 235 mm x 125 mm x 50 mm                                                                                                                                                                       |
| Weight (kg)                             | 0.75 kg                                                                                                                                                                                       |



## BMP™21-PLUS ACCESSORIES

| Art. No. | Description                                   |
|----------|-----------------------------------------------|
| 110416   | AC Adaptor - Europe 220V                      |
| 110417   | AC Adaptor - UK 240V                          |
| 110937   | AC Adaptor - US 110V                          |
| 139542   | Hard Case for BMP21; BMP21-PLUS; BMP21-LAB    |
| 139540   | Li-ion battery Pack for BMP21-PLUS; BMP21-LAB |
| 110891   | Magnet Only Accessory                         |
| 110892   | Multifunctional Accessory                     |



### Magnet & Multi-function Tools

Heavy-duty magnet affixes printer to metal surface for hands-free printing. Multifunction tool has the magnet plus a flashlight and retractable printer stand.

### Li-ion Battery & Power Supply

Rechargeable for long life - print hundreds and hundreds of labels on a single charge. Power supply serves as battery charger and adapter to run printer from power outlet.

### Hard Case

Durable and foam-lined for printer protection and easy storage. Holds printer and 4 cartridges with space for charger or more cartridges.



The breaker box labelling feature allows you to create effortless and clear identification for your distribution box, even when there are multiple modules of various widths.

- Rugged industrial bumpers with a grab and go grip to be on the move with you
- Simple all-in-one, drop-in cartridges for quick and easy supply change and automatic label setup

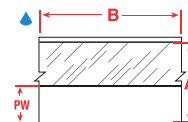
Wide range of materials so you can print all your jobs on one printer



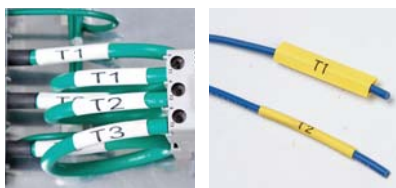


## SELF-LAMINATING CABLE & WIRE LABELS

- Clear, wrap-around tail overlaminates white print-on area to protect text
- Great for data cables or wires that are frequently handled & moved

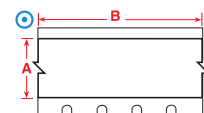


| Diagram                      | Order Reference | Colour                     | Label Width A (mm) | Label Length B (m) | Printable Area Width PW (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) |
|------------------------------|-----------------|----------------------------|--------------------|--------------------|------------------------------|-------------------------|-------------------------|
| B-427: Self-laminating Vinyl |                 |                            |                    |                    |                              |                         |                         |
| ▲                            | M21-750-427     | Black on White/Transparent | 19.05              | 4.30 m             | 9.53                         | 2.00                    | 3.00                    |
| ▲                            | M21-1000-427    | Black on White/Transparent | 25.40              | 4.30 m             | 9.53                         | 2.70                    | 5.10                    |
| ▲                            | M21-1250-427    | Black on White/Transparent | 30.48              | 4.30 m             | 12.70                        | 3.20                    | 5.70                    |
| ▲                            | M21-1500-427    | Black on White/Transparent | 38.10              | 4.30 m             | 12.70                        | 4.00                    | 8.10                    |



## PERMASLEEVE™ HEAT-SHRINK CABLE & WIRE MARKERS

- 3:1 heat-shrink ratio, wire marker sleeve
- Fade resistant and flame retardant for superior aesthetic appearance
- Meets several SAE and MIL-STD specs\*



| Diagram                              | Order Reference  | Colour          | Label Width A (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) |
|--------------------------------------|------------------|-----------------|--------------------|--------------------|-------------------------|-------------------------|
| B-342: Heat-shrink Polyolefin Sleeve |                  |                 |                    |                    |                         |                         |
| ⊙                                    | M21-125-C-342    | Black on White  | 6.00               | 2.10 m             | 1.17                    | 2.79                    |
| ⊙                                    | M21-125-C-342-YL | Black on Yellow | 6.00               | 2.10 m             | 1.17                    | 2.79                    |
| ⊙                                    | M21-187-C-342    | Black on White  | 8.50               | 2.10 m             | 1.57                    | 3.81                    |
| ⊙                                    | M21-187-C-342-YL | Black on Yellow | 8.50               | 2.10 m             | 1.57                    | 3.81                    |
| ⊙                                    | M21-250-C-342    | Black on White  | 11.15              | 2.10 m             | 2.39                    | 5.46                    |
| ⊙                                    | M21-250-C-342-YL | Black on Yellow | 11.15              | 2.10 m             | 2.39                    | 5.46                    |
| ⊙                                    | M21-375-C-342    | Black on White  | 16.40              | 2.10 m             | 3.18                    | 8.13                    |
| ⊙                                    | M21-375-C-342-YL | Black on Yellow | 16.40              | 2.10 m             | 3.18                    | 8.13                    |

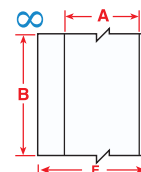
\* Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.



## CABLE & WIRE WRAP AROUND LABELS

- Nylon cloth label is highly pliable conforming to tightly curved surfaces
- Print multi-line legends in multiple areas when using flag mode
- Text entered in wire marker mode auto-repeats when label prints

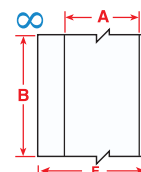
| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) |
|--------------------|-----------------|----------------|--------------------|--------------------|
| B-499: Nylon Cloth |                 |                |                    |                    |
| ∞                  | M21-375-499     | Black on White | 9.53               | 4.90 m             |
| ∞                  | M21-500-499     | Black on White | 12.70              | 4.90 m             |
| ∞                  | M21-750-499     | Black on White | 19.05              | 4.90 m             |



## NYLON STRIPS FOR TERMINAL BLOCK MARKING

- Narrow nylon cloth label strips for alignment on terminal blocks
- Prints terminal identification with user specified spacing using terminal block mode

| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) |
|--------------------|-----------------|----------------|--------------------|--------------------|
| B-499: Nylon Cloth |                 |                |                    |                    |
| ∞                  | M21-375-499-TB  | Black on White | 9.53               | 4.90 m             |
| ∞                  | M21-500-499-TB  | Black on White | 12.70              | 4.90 m             |



## NYLON AND VINYL STRIPS FOR PATCH PANEL MARKING

- Prints permanent port identification with user specified spacing when using patch panel mode
- B-499 (Nylon Cloth) or B-595 (Indoor/Outdoor Vinyl) label materials can be used if surface is highly textured

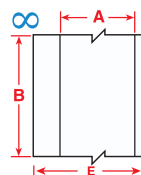
Full Material Properties on page 168



## POLYESTER STRIPS FOR COMPONENT MARKING

- High performance polyester material with white or transparent finish
- Best for flat, smooth surfaces
- B-488 withstands numerous solvents and variable temperatures

| Diagram                 | Order Reference   | Colour         | Label Width A (mm) | Label Length B (m) |
|-------------------------|-------------------|----------------|--------------------|--------------------|
| <b>B-423: Polyester</b> |                   |                |                    |                    |
| ∞                       | M21-250-423       | Black on White | 6.35               | 6.40 m             |
| ∞                       | M21-375-423       | Black on White | 9.53               | 6.40 m             |
| ∞                       | M21-500-423       | Black on White | 12.70              | 6.40 m             |
| ∞                       | M21-750-423       | Black on White | 19.05              | 6.40 m             |
| <b>B-430: Polyester</b> |                   |                |                    |                    |
| ∞                       | M21-250-430-WT-CL | White on Clear | 6.35               | 6.40 m             |
| ∞                       | M21-250-430       | Black on Clear | 6.35               | 6.40 m             |
| ∞                       | M21-375-430       | Black on Clear | 9.53               | 6.40 m             |
| ∞                       | M21-375-430-WT-CL | White on Clear | 9.53               | 6.40 m             |
| ∞                       | M21-500-430       | Black on Clear | 12.70              | 6.40 m             |
| ∞                       | M21-500-430-WT-CL | White on Clear | 12.70              | 6.40 m             |
| ∞                       | M21-750-430       | Black on Clear | 19.05              | 6.40 m             |
| ∞                       | M21-750-430-WT-CL | White on Clear | 19.05              | 6.40 m             |
| <b>B-488: Polyester</b> |                   |                |                    |                    |
| ∞                       | M21-375-488       | Black on White | 9.53               | 6.40 m             |
| ∞                       | M21-500-488       | Black on White | 12.70              | 6.40 m             |
| ∞                       | M21-750-488       | Black on White | 19.05              | 6.40 m             |

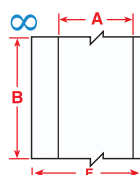


**i** The breaker box labelling feature allows you to create effortless and clear identification for your distribution box, even when there are multiple modules of various widths.



## INDOOR/OUTDOOR VINYL FOR GENERAL INDUSTRIAL MARKING

- Adheres to irregular, rough and curved surfaces
- Stands up to grease, oil and most industrial chemicals
- 8-10 years\* average outdoor durability in temps from -40°C to 82°C



| Diagram             | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) |
|---------------------|-----------------|-----------------|--------------------|--------------------|
| <b>B-595: Vinyl</b> |                 |                 |                    |                    |
| ∞                   | M21-375-595-GY  | Black on Grey   | 9.53               | 6.40               |
| ∞                   | M21-500-595-GY  | Black on Grey   | 12.70              | 6.40               |
| ∞                   | M21-750-595-GY  | Black on Grey   | 19.05              | 6.40               |
| ∞                   | M21-375-595-OR  | Black on Orange | 9.53               | 6.40               |
| ∞                   | M21-500-595-OR  | Black on Orange | 12.70              | 6.40               |
| ∞                   | M21-750-595-OR  | Black on Orange | 19.05              | 6.40               |
| ∞                   | M21-250-595-WT  | Black on White  | 6.35               | 6.40               |
| ∞                   | M21-375-595-WT  | Black on White  | 9.53               | 6.40               |
| ∞                   | M21-500-595-WT  | Black on White  | 12.70              | 6.40               |
| ∞                   | M21-750-595-WT  | Black on White  | 19.05              | 6.40               |
| ∞                   | M21-250-595-YL  | Black on Yellow | 6.35               | 6.40               |
| ∞                   | M21-375-595-YL  | Black on Yellow | 9.53               | 6.40               |
| ∞                   | M21-500-595-YL  | Black on Yellow | 12.70              | 6.40               |
| ∞                   | M21-750-595-YL  | Black on Yellow | 19.05              | 6.40               |
| ∞                   | M21-375-595-BK  | White on Black  | 9.53               | 6.40               |
| ∞                   | M21-500-595-BK  | White on Black  | 12.70              | 6.40               |
| ∞                   | M21-750-595-BK  | White on Black  | 19.05              | 6.40               |

| Diagram             | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) |
|---------------------|-----------------|-----------------|--------------------|--------------------|
| <b>B-595: Vinyl</b> |                 |                 |                    |                    |
| ∞                   | M21-375-595-BL  | White on Blue   | 9.53               | 6.40               |
| ∞                   | M21-500-595-BL  | White on Blue   | 12.70              | 6.40               |
| ∞                   | M21-750-595-BL  | White on Blue   | 19.05              | 6.40               |
| ∞                   | M21-375-595-BR  | White on Brown  | 9.53               | 6.40               |
| ∞                   | M21-500-595-BR  | White on Brown  | 12.70              | 6.40               |
| ∞                   | M21-750-595-BR  | White on Brown  | 19.05              | 6.40               |
| ∞                   | M21-375-595-GN  | White on Green  | 9.53               | 6.40               |
| ∞                   | M21-500-595-GN  | White on Green  | 12.70              | 6.40               |
| ∞                   | M21-750-595-GN  | White on Green  | 19.05              | 6.40               |
| ∞                   | M21-375-595-PL  | White on Purple | 9.53               | 6.40               |
| ∞                   | M21-500-595-PL  | White on Purple | 12.70              | 6.40               |
| ∞                   | M21-750-595-PL  | White on Purple | 19.05              | 6.40               |
| ∞                   | M21-375-595-RD  | White on Red    | 9.53               | 6.40               |
| ∞                   | M21-500-595-RD  | White on Red    | 12.70              | 6.40               |
| ∞                   | M21-750-595-RD  | White on Red    | 19.05              | 6.40               |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlaminate is recommended for harsh environments - long term exposure to wind and rain.





## BMP™41 LABEL PRINTER

### PRINT IT ONCE, PRINT IT ALL, GET IT DONE!

The BMP™41 hand-held label printer is the rugged, portable solution that gives you the versatility to create your own length or already sized die-cut and continuous labels anywhere, anytime! The BMP™41 label printer is designed with you in mind. Get your labelling done easier and faster so you can get on with your day. With this printer you can print both die cut and continuous materials. You only need one printer to print everything you need.

Whether you are faced with your jobs for the day or one-off tasks, the BMP™41 label printer saves you time and money by printing your labels once and getting it done.

- Quick cartridge loading with already matched ribbon
- Prints up to 250 labels per day at a print speed of 33 mm/second
- Drop-tested to ensure it can withstand any environment

### EXCEPTIONAL MATERIAL VARIETY AND DURABILITY

The BMP™41 printer prints durable, true-sized 25 mm wide die-cut or continuous identification to maximise the amount of data on your label. Compatible with up to 10 different industry specified materials that last, the BMP™41 prints for a variety of applications. Key applications include wire marking, sleeving, panel labelling, terminal block, patch panel, general identification and more!

## PRINTER PART NUMBERS

| Article No. | Order Reference    | Description                                         |
|-------------|--------------------|-----------------------------------------------------|
| 133254      | BMP41-KIT-EU       | BMP41 EU Label Printer                              |
| 711213      | BMP41-KIT-UK       | BMP41 UK Label Printer                              |
| 711214      | BMP41-KIT-EU-LM    | BMP41 EU Label Printer with LabelMark               |
| 711215      | BMP41-KIT-UK-LM    | BMP41 UK Label Printer with LabelMark               |
| 711216      | BMP41-KIT-EU-LM-HC | BMP41 EU Label Printer with LabelMark and Hard Case |
| 711217      | BMP41-KIT-UK-LM-HC | BMP41 UK Label Printer with LabelMark and Hard Case |

Printer Kit supplied with Nickel Battery Pack, MC1-1000-595-WT-BK cartridge, USB cable, AC adapter, Power Cord, Product CD, Brady Printer Drivers CD and Quick Start Guide.

## BMP41 ACCESSORIES

| Article No. | Order Reference    | Description                             |
|-------------|--------------------|-----------------------------------------|
| 133255      | BMP41-BATT         | BMP41 Battery                           |
| 143114      | BMP41-BMP50-USB    | BMP41-BMP50 Series USB Cable            |
| 133257      | BMP41-HC           | BMP41 Hard Case                         |
| 134176      | BMP41-MAGNET       | BMP41 Magnet                            |
| 711222      | BMP41-QC-EU        | BMP41 EU External Battery Quick Charger |
| 711223      | BMP41-QC-UK        | BMP41 UK External Battery Quick Charger |
| 710612      | M41-50-71-AC-BC-EU | AC Adaptor - Europe 220V                |
| 114883      | M41-50-71-AC-BC-NA | AC Adaptor - NA 120V                    |
| 710613      | M41-50-71-AC-BC-UK | AC Adaptor - UK 240V                    |



**2 YEAR WARRANTY**

## ELECTRICAL KIT

| Article No. | Order Reference   | Description                           |
|-------------|-------------------|---------------------------------------|
| 711218      | BMP41-KIT-EU-ELEC | BMP41 EU Label Printer Electrical Kit |
| 711219      | BMP41-KIT-UK-ELEC | BMP41 UK Label Printer Electrical Kit |

BMP41 printer in Hard case with Nickel Battery Pack, MC1-1000-595-WT-BK, M-91-427, M-131-499, USB cable, AC adapter, Product CD, Brady Printer Drivers CD, Quick Start Guide, Magnet accessory and LabelMark 5 Standard Labelling Software

## VOICE & DATACOM KIT

| Article No. | Order Reference   | Description                             |
|-------------|-------------------|-----------------------------------------|
| 711220      | BMP41-KIT-EU-DATA | BMP41 EU Label Printer Voice & Data Kit |
| 711221      | BMP41-KIT-UK-DATA | BMP41 UK Label Printer Voice & Data Kit |

BMP41 printer in Hard case with Nickel Battery Pack, MC1-1000-595-WT-BK, M-48-427, MC-375-422, USB cable, AC adapter, EU continental power cord, Product CD, Brady Printer Drivers CD, Quick Start Guide, Magnet accessory and LabelMark 5 Standard Labelling Software

## Print it once, print it all, get it done!



Electrical Identification



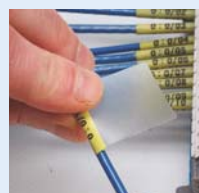
Voice & Data Communications



Control Panel and Electrical Panel Labels



PermaSleeve Wire Marking Sleeves



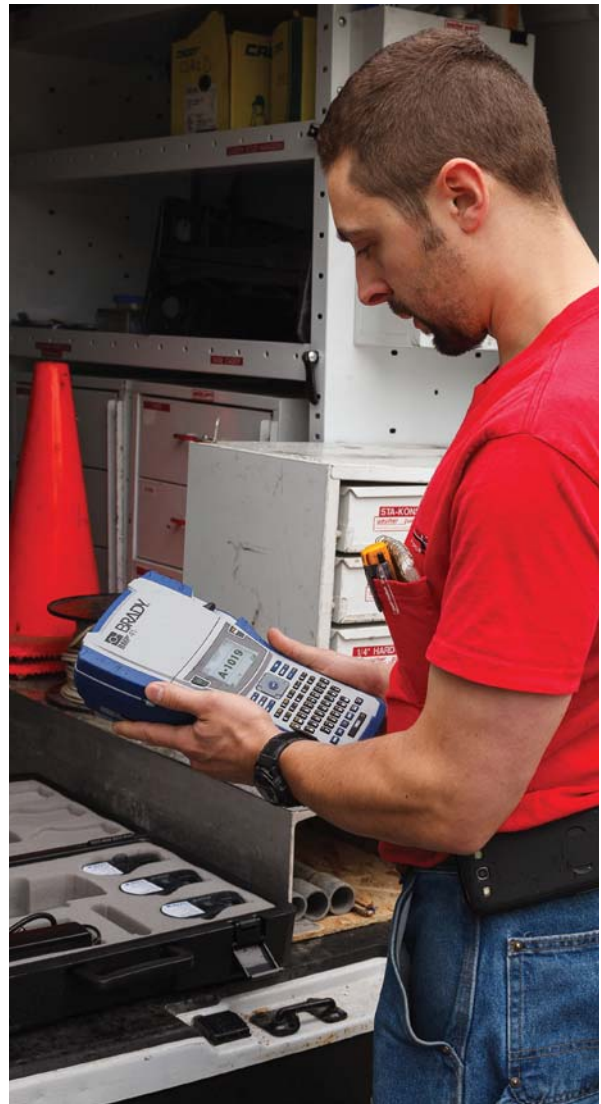
Self-laminating Labels



General ID and much more!



| Printer Specifications                  |                                                                                                                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                      |
| Software Compatibility                  | CodeSoft, LabelMark                                                                                                                                                                    |
| Bar Code Capability                     | Code 39 and 128, other via software                                                                                                                                                    |
| Recommended Usage per Day               | 250                                                                                                                                                                                    |
| Built-in Symbols                        | 450 symbols included                                                                                                                                                                   |
| Colour Capability                       | Monocolour                                                                                                                                                                             |
| Stand-alone Printing (Detached from PC) | Yes                                                                                                                                                                                    |
| Connectivity Options                    | USB                                                                                                                                                                                    |
| Internal Memory Capacity                | 48 MB - up to 25,000 labels                                                                                                                                                            |
| Print Speed (mm/sec)                    | 33                                                                                                                                                                                     |
| Print Technology                        | Thermal Transfer                                                                                                                                                                       |
| Print Resolution (dpi)                  | 300 dpi                                                                                                                                                                                |
| Smart Cell                              | Yes                                                                                                                                                                                    |
| Text Sizes                              | 4 to 72 pt                                                                                                                                                                             |
| Serialisation                           | Multiple & Linked                                                                                                                                                                      |
| Max. Label Width                        | 25.40 mm                                                                                                                                                                               |
| Max. Print Width                        | 24.40 mm                                                                                                                                                                               |
| Materials Supported                     | 100+ standard parts : continuous tapes, die cut labels                                                                                                                                 |
| Label Dimensions                        | <b>Continuous:</b><br>Width: from 6 to 25 mm;<br>Length: 2.1, 4.9, 6.1 or 7.6 metre;<br>Print length: 970 mm<br><b>Die-cut:</b><br>Width: from 6 to 25 mm;<br>Height: from 6 to 101 mm |
| Label Colours                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver             |
| Physical Properties                     |                                                                                                                                                                                        |
| Keyboard Type                           | QWERTY                                                                                                                                                                                 |
| Display                                 | Large, backlit LCD display with on screen indicators                                                                                                                                   |
| Cutter                                  | Cutter with label retention                                                                                                                                                            |
| Power Supply                            | Rechargeable NiMH battery with life indicator, AC Power, Quickcharger                                                                                                                  |
| Height x Width x Depth                  | 290 mm x 150 mm x 90 mm                                                                                                                                                                |
| Weight (kg)                             | 1.30 kg                                                                                                                                                                                |



Rugged industrial bumpers with a grab and go grip to be on the move with you

Built-in wizard-based applications and graphics to help create and print labels quickly and easily

QWERTY style keypad and hot keys for easier typing and reducing errors



Simple all-in-one, drop-in cartridges for quick and easy supply change and automatic label setup

Wide range of materials so you can print all your jobs on one printer

Large graphical LCD display with backlight to see exactly what you're printing

Rechargeable battery for long lasting power supply

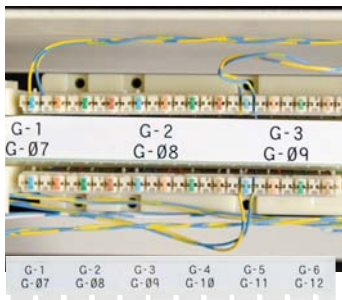
#### Sample of the easy-to-use menu keys:

##### Label Type

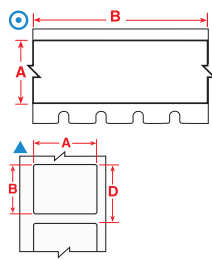


##### Symbol





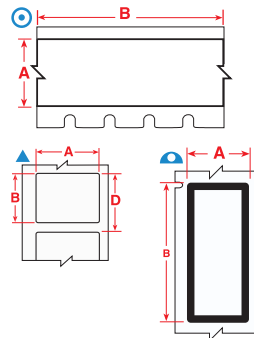
## PATCH PANEL, PUNCH BLOCK AND FACEPLATE LABELS



Create the labels you need in one easy process. Create a fully-formatted serialised punch block label to fit your equipment or label your ports, jacks and outlets with adhesive labels or slide-in strips.

- Designed to withstand exposure to numerous solvents
- High adhesion to textured metals, powder-coated surfaces and low surface energy plastics

| Diagram                         | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll | Additional Features                                                    |
|---------------------------------|-----------------|----------------|--------------------|---------------------|--------------------|---------------------------|------------------------------------------------------------------------|
| <b>B-412: Polypropylene Tag</b> |                 |                |                    |                     |                    |                           |                                                                        |
|                                 | MC-375-412      | Black on White | 9.53               | —                   | 6.10 m             | 1                         | Non-Adhesive Slide-in Strips                                           |
|                                 | MC-475-412      | Black on White | 12.07              | —                   | 6.10 m             | 1                         | Non-Adhesive Slide-in Strips                                           |
|                                 | MC-625-412      | Black on White | 15.88              | —                   | 6.10 m             | 1                         | Non-Adhesive Slide-in Strips                                           |
| <b>B-422: Polyester</b>         |                 |                |                    |                     |                    |                           |                                                                        |
|                                 | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                 | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                 | M-89-422        | Black on White | 12.70              | 38.10               | —                  | 180                       | Stick-on Individual Labels                                             |
|                                 | M-7-422         | Black on White | 12.70              | 12.70               | —                  | 280                       | Individual Port Labels                                                 |
|                                 | MC-500-422      | Black on White | 12.70              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                 | MC-625-422      | Black on White | 15.88              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                 | M-90-422        | Black on White | 19.05              | 38.10               | —                  | 180                       | Stick-on Individual Labels                                             |
|                                 | M-47-422        | Black on White | 25.40              | 12.70               | —                  | 480                       | Stick-on Individual Labels                                             |
| <b>B-483: Polyester</b>         |                 |                |                    |                     |                    |                           |                                                                        |
|                                 | M-61-483        | Black on White | 12.70              | 50.80               | —                  | 80                        | Ultra-aggressive adhesive; Designed for powder coated surfaces         |



## EQUIPMENT, PANEL, COMPONENT AND RATING PLATE LABELS

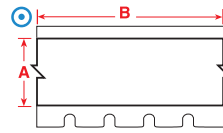
Equipment and component labels are long-lasting, durable materials that make it easy to identify control, steering materials and many more. Ideal for marking backer boards, outlets, racks and more. Rating plate labels create serial or rating plates with barcodes, graphics and more.

- Flexible with high-tack adhesives for easy and long-lasting adhesion
- Various sizes in several durable materials
- Rating plate labels offer a metal looking finish

| Diagram                            | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll | Additional Features                                                    |
|------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|---------------------------|------------------------------------------------------------------------|
| <b>B-422: Polyester</b>            |                 |                 |                    |                     |                    |                           |                                                                        |
|                                    | MC-375-422      | Black on White  | 9.53               | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                    | MC-475-422      | Black on White  | 12.07              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                    | M-89-422        | Black on White  | 12.70              | 38.10               | —                  | 180                       | Stick-on Individual Labels                                             |
|                                    | M-7-422         | Black on White  | 12.70              | 12.70               | —                  | 280                       | Individual Port Labels                                                 |
|                                    | MC-500-422      | Black on White  | 12.70              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                    | MC-625-422      | Black on White  | 15.88              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                    | M-90-422        | Black on White  | 19.05              | 38.10               | —                  | 180                       | Stick-on Individual Labels                                             |
|                                    | M-47-422        | Black on White  | 25.40              | 12.70               | —                  | 480                       | Stick-on Individual Labels                                             |
|                                    | MC1-1000-422    | Black on White  | 25.40              | —                   | 7.62 m             | 1                         | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                                    | M-49-422        | Black on White  | 25.40              | 25.40               | —                  | 260                       | Adhesive Stick-on individual labels                                    |
| <b>B-428: Metallised Polyester</b> |                 |                 |                    |                     |                    |                           |                                                                        |
|                                    | M-92-428-BB     | Black on Silver | 12.70              | 33.02               | —                  | 239                       | Rating & Nameplate Labeling with a metal looking finish                |
|                                    | M-47-428        | Black on Silver | 25.40              | 12.70               | —                  | 480                       | Rating & Nameplate Labeling with a metal looking finish                |
|                                    | M-60-428        | Black on Silver | 25.40              | 50.80               | —                  | 140                       | Rating & Nameplate Labeling with a metal looking finish                |
| <b>B-483: Polyester</b>            |                 |                 |                    |                     |                    |                           |                                                                        |
|                                    | M-61-483        | Black on White  | 12.70              | 50.80               | —                  | 80                        | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                                    | M-60-483        | Black on White  | 25.40              | 50.80               | —                  | 140                       | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                                    | M-47-483        | Black on White  | 25.40              | 12.70               | —                  | 480                       | Ultra-aggressive adhesive; Designed for powder coated surfaces         |

>>

## EQUIPMENT, PANEL, COMPONENT AND RATING PLATE LABELS (CONTINUED)

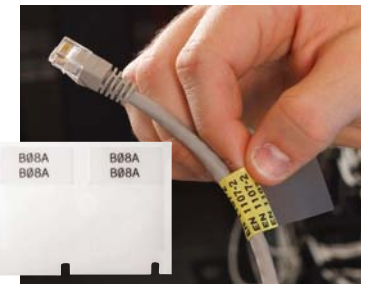
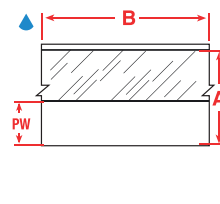
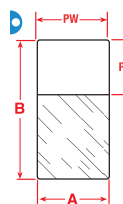


| Diagram             | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll | Additional Features                   |
|---------------------|--------------------|-----------------|--------------------|---------------------|--------------------|---------------------------|---------------------------------------|
| <b>B-595: Vinyl</b> |                    |                 |                    |                     |                    |                           |                                       |
| ⊙                   | MC-375-595-WT-BK   | Black on White  | 9.53               | —                   | 7.62 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC-375-595-YL-BK   | Black on Yellow | 9.53               | —                   | 7.62 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC-500-595-YL-BK   | Black on Yellow | 12.70              | —                   | 7.62 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC-500-595-CL-WT   | White on Clear  | 12.70              | —                   | 6.10 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC-750-595-YL-BK   | Black on Yellow | 19.05              | —                   | 7.62 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC-750-595-CL-WT   | White on Clear  | 19.05              | —                   | 6.10 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | —                   | 7.62 m             | 1                         | Adhesive Stick on Strips, Cut to Size |
| ⊙                   | MC1-1000-595-CL-WT | White on Clear  | 25.40              | —                   | 6.10 m             | 1                         | Adhesive Stick on Strips, Cut to Size |

## SELF-LAMINATING WIRE & CABLE MARKERS

Self-laminating markers feature a printable zone in white or yellow and a transparent, non printable area that wraps around wires and cables and serves as an overlamine to the printed text.

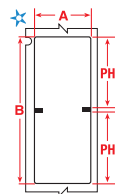
- Designed to adhere to highly curved surfaces, wires and cables
- Superior resistance to abrasion, handling, solvents, water, oil, dirt and more



| Diagram                             | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Cartridge/Roll | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|-------------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|---------------------------|-------------------------|-------------------------|------------------------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                    |                     |                    |                              |                               |                           |                         |                         |                                          |
| ▷                                   | M-47-427        | Black on White/Transparent  | 12.70              | 25.40               | —                  | 12.70                        | 9.53                          | 360                       | 2.70                    | 5.10                    | 2 Pair Fibre/Coaxial, Single/Multi-Mode  |
| ▷                                   | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               | —                  | 12.70                        | 9.53                          | 200                       | 3.40                    | 7.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               | —                  | 12.70                        | 12.70                         | 180                       | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | MC-750-427      | Black on White/Transparent  | 19.05              | —                   | 7.62 m             | 9.53                         | —                             | 1                         | 2.00                    | 3.00                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-48-427        | Black on White/Transparent  | 19.05              | 25.40               | —                  | 9.53                         | 19.05                         | 200                       | 2.00                    | 3.00                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               | —                  | 19.05                        | 12.70                         | 180                       | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 70                        | 10.80                   | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
| ▷                                   | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 70                        | 10.80                   | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
| ▷                                   | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               | —                  | 25.40                        | 9.53                          | 260                       | 2.70                    | 5.10                    | 2 Pair Fibre/Coaxial; Single/Multi-Mode  |
| ▷                                   | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               | —                  | 25.40                        | 12.70                         | 200                       | 3.40                    | 6.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 180                       | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 180                       | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 110                       | 6.70                    | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
| ▷                                   | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 110                       | 6.70                    | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |

## CABLE FLAGS

Pre-formatted with two printable areas, allowing label to be easily folded around wires to create a two-sided, printed flag.



| Diagram                   | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Labels per Cartridge/Roll | Additional Features                             |
|---------------------------|-----------------|----------------|--------------------|---------------------|-------------------------------|---------------------------|-------------------------------------------------|
| <b>B-499: Nylon Cloth</b> |                 |                |                    |                     |                               |                           |                                                 |
| ☆                         | M-141-499       | Black on White | 25.40              | 57.15               | 25.40                         | 90                        | Approx. 25.40 mm x 25.40 mm resulting flag size |



**How to read an order reference: example M-31-427-YL**

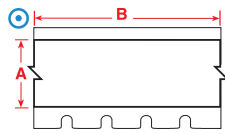
M: Die-cut label      31: Label size code      427: Brady material      YL: Optional colour  
 MC: Continuous label      number (B-number)





## TERMINAL BLOCK MARKERS

Specially designed markers that offer a highly unique adhesive and vinyl cloth construction for excellent holding power, while still allowing for clean removal and application.



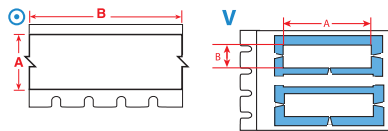
- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- LabelMark™ Software can auto-serialise these labels to help save you time

| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/Roll | Additional Features |
|--------------------|-----------------|----------------|--------------------|--------------------|---------------------------|---------------------|
| B-498: Vinyl Cloth |                 |                |                    |                    |                           |                     |
|                    | MC-240-498      | Black on White | 6.10               | 4.88 m             | 1                         | Repositionable      |
|                    | MC-318-498      | Black on White | 8.08               | 4.88 m             | 1                         | Repositionable      |
|                    | MC-375-498      | Black on White | 9.53               | 6.10 m             | 1                         | Repositionable      |



## PERMA SLEEVE™ PS WIRE MARKING SLEEVES

These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation.



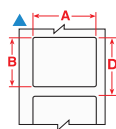
- 3:1 heat-shrink sleeve that fits snugly around wires
- Fade-resistant and flame-retardant
- Available as individual die-cut markers or continuous cut-to-length tubing

| Diagram                              | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll |
|--------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-------------------------|---------------------------|
| B-342: Heat-shrink Polyolefin Sleeve |                 |                 |                    |                     |                    |                         |                         |                           |
|                                      | MC-125-342      | Black on White  | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1                         |
|                                      | MC-125-342-YL   | Black on Yellow | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1                         |
|                                      | MC-187-342      | Black on White  | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1                         |
|                                      | MC-187-342-YL   | Black on Yellow | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1                         |
|                                      | MC-250-342      | Black on White  | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1                         |
|                                      | MC1-375-342     | Black on White  | —                  | 16.40               | 2.13 m             | 3.18                    | 8.13                    | 1                         |
|                                      | M-125-075-342   | Black on White  | 19.05              | 6.00                | —                  | 1.17                    | 2.79                    | 80                        |
|                                      | M-187-075-342   | Black on White  | 19.05              | 8.50                | —                  | 1.57                    | 3.81                    | 80                        |
|                                      | M-250-075-342   | Black on White  | 19.05              | 11.15               | —                  | 2.39                    | 5.46                    | 80                        |
|                                      | M-375-075-342   | Black on White  | 19.05              | 16.40               | —                  | 3.18                    | 8.13                    | 80                        |
|                                      | MC-250-342-YL   | Black on Yellow | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1                         |



## WRAP AROUND WIRE & CABLE MARKERS

Durable vinyl cloth wrap around wire and cable markers made with an adhesive that allows the markers to be removed cleanly and re-applied if necessary.



- Highly unique adhesive and cloth construction
- Ideal choice for marking both ends of a wire that may need be cut shorter before final termination

| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Additional Features |
|--------------------|-----------------|----------------|--------------------|---------------------|-------------------------|---------------------------|---------------------|
| B-498: Vinyl Cloth |                 |                |                    |                     |                         |                           |                     |
|                    | M-7-498         | Black on White | 12.70              | 12.70               | 2.80                    | 240                       | Repositionable      |
|                    | M-11-498        | Black on White | 19.05              | 12.70               | 4.00                    | 220                       | Repositionable      |
|                    | M-91-498        | Black on White | 25.40              | 38.10               | 7.10                    | 120                       | Repositionable      |
|                    | M-48-498        | Black on White | 25.40              | 19.05               | 5.10                    | 180                       | Repositionable      |
|                    | M-49-498        | Black on White | 25.40              | 25.40               | 5.10                    | 160                       | Repositionable      |
|                    | M-131-498       | Black on White | 12.70              | 25.40               | 5.10                    | 180                       | Repositionable      |

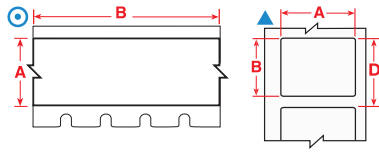


The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 33 for the full range of colours and sizes for these labels.



## CONTROL PANEL AND ELECTRICAL PANEL LABELS

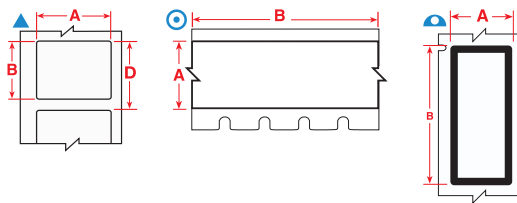
Long-lasting, durable materials to quickly identify control and electrical panels.



| Diagram                            | Order Reference | Colour          | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/Roll |
|------------------------------------|-----------------|-----------------|-----------------------|------------------------|-----------------------|------------------------------|
| <b>B-422: Polyester</b>            |                 |                 |                       |                        |                       |                              |
| ⊙                                  | MC-625-422      | Black on White  | 15.88                 | –                      | 7.62 m                | 1                            |
| <b>B-428: Metallised Polyester</b> |                 |                 |                       |                        |                       |                              |
| ▲                                  | M-47-428        | Black on Silver | 25.40                 | 12.70                  | –                     | 480                          |
| ▲                                  | M-60-428        | Black on Silver | 25.40                 | 50.80                  | –                     | 140                          |

## AUTOMATION & ELECTRICAL COMPONENT MARKERS

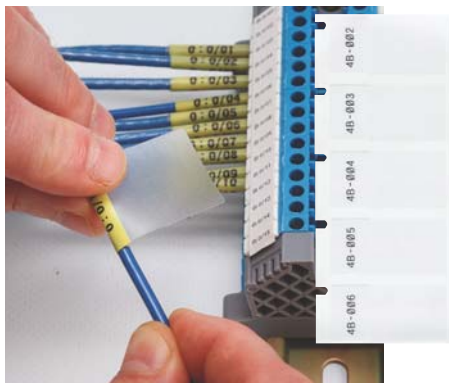
Various sizes, colours and label types for marking relays, solenoids, switches, drive motors, and other components.



| Diagram                            | Order Reference    | Colour          | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/Roll |
|------------------------------------|--------------------|-----------------|-----------------------|------------------------|-----------------------|------------------------------|
| <b>B-422: Polyester</b>            |                    |                 |                       |                        |                       |                              |
| ▲                                  | M-89-422           | Black on White  | 12.70                 | 38.10                  | –                     | 180                          |
| ▲                                  | M-7-422            | Black on White  | 12.70                 | 12.70                  | –                     | 280                          |
| ⊙                                  | MC-500-422         | Black on White  | 12.70                 | –                      | 7.62 m                | 1                            |
| ▲                                  | M-90-422           | Black on White  | 19.05                 | 38.10                  | –                     | 180                          |
| ▲                                  | M-47-422           | Black on White  | 25.40                 | 12.70                  | –                     | 480                          |
| ⊙                                  | MC1-1000-422       | Black on White  | 25.40                 | –                      | 7.62 m                | 1                            |
| ▲                                  | M-49-422           | Black on White  | 25.40                 | 25.40                  | –                     | 260                          |
| <b>B-428: Metallised Polyester</b> |                    |                 |                       |                        |                       |                              |
| ▲                                  | M-92-428-BB        | Black on Silver | 12.70                 | 33.02                  | –                     | 239                          |
| ▲                                  | M-47-428           | Black on Silver | 25.40                 | 12.70                  | –                     | 480                          |
| ▲                                  | M-60-428           | Black on Silver | 25.40                 | 50.80                  | –                     | 140                          |
| <b>B-483: Polyester</b>            |                    |                 |                       |                        |                       |                              |
| ▲                                  | M-61-483           | Black on White  | 12.70                 | 50.80                  | –                     | 80                           |
| ▲                                  | M-60-483           | Black on White  | 25.40                 | 50.80                  | –                     | 140                          |
| ▲                                  | M-47-483           | Black on White  | 25.40                 | 12.70                  | –                     | 480                          |
| <b>B-499: Nylon Cloth</b>          |                    |                 |                       |                        |                       |                              |
| ▲                                  | M-130-499          | Black on White  | 9.53                  | 20.96                  | –                     | 220                          |
| ⊙                                  | MC-375-499         | Black on White  | 9.53                  | –                      | 4.88 m                | 1                            |
| ▲                                  | M-131-499          | Black on White  | 12.70                 | 25.40                  | –                     | 180                          |
| ⊙                                  | MC-500-499         | Black on White  | 12.70                 | –                      | 4.88 m                | 1                            |
| ▲                                  | M-11-499           | Black on White  | 19.05                 | 12.70                  | –                     | 220                          |
| ⊙                                  | MC-750-499         | Black on White  | 19.05                 | –                      | 4.88 m                | 1                            |
| ▲                                  | M-84-499           | Black on White  | 22.86                 | 12.70                  | –                     | 200                          |
| ▲                                  | M-128-499          | Black on White  | 25.40                 | 48.26                  | –                     | 100                          |
| <b>B-595: Vinyl</b>                |                    |                 |                       |                        |                       |                              |
| ⊙                                  | MC-500-595-OR-BK   | Black on Orange | 12.70                 | –                      | 7.62 m                | 1                            |
| ⊙                                  | MC-750-595-OR-BK   | Black on Orange | 19.05                 | –                      | 7.62 m                | 1                            |
| ⊙                                  | MC1-1000-595-OR-BK | Black on Orange | 25.40                 | –                      | 7.62 m                | 1                            |
| ⊙                                  | MC-500-595-YL-BK   | Black on Yellow | 12.70                 | –                      | 7.62 m                | 1                            |
| ⊙                                  | MC-750-595-YL-BK   | Black on Yellow | 19.05                 | –                      | 7.62 m                | 1                            |
| ⊙                                  | MC1-1000-595-YL-BK | Black on Yellow | 25.40                 | –                      | 7.62 m                | 1                            |

For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 33.

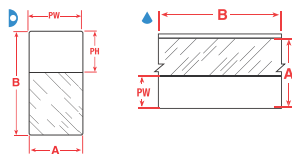
Full Material Properties on page 168



## SELF-LAMINATING WIRE & CABLE MARKERS

Self-laminating markers feature a printable zone in white or yellow and a transparent, non printable area that wraps around wires and cables and serves as an overlaminate to the printed text.

- Designed to adhere to highly curved surfaces, wires and cables
- Superior resistance to abrasion, handling, solvents, water, oil, dirt and more



| Diagram                             | Order Reference | Colour                      | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Printable Area Width<br>PW (mm) | Printable Area Height<br>PH (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/<br>Roll |
|-------------------------------------|-----------------|-----------------------------|-----------------------|------------------------|-----------------------|---------------------------------|----------------------------------|-------------------------|-------------------------|-------------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                       |                        |                       |                                 |                                  |                         |                         |                               |
|                                     | M-11-427        | Black on White/Transparent  | 12.70                 | 19.05                  | —                     | 12.70                           | 9.53                             | 2.00                    | 3.00                    | 360                           |
|                                     | M-47-427        | Black on White/Transparent  | 12.70                 | 25.40                  | —                     | 12.70                           | 9.53                             | 2.70                    | 5.10                    | 360                           |
|                                     | M-89-427        | Black on White/Transparent  | 12.70                 | 38.10                  | —                     | 12.70                           | 12.70                            | 4.00                    | 8.10                    | 180                           |
|                                     | MC-750-427      | Black on White/Transparent  | 19.05                 | —                      | 7.62 m                | 9.53                            | —                                | 2.00                    | 3.00                    | 1                             |
|                                     | M-48-427        | Black on White/Transparent  | 19.05                 | 25.40                  | —                     | 9.53                            | 19.05                            | 2.00                    | 3.00                    | 200                           |
|                                     | M-90-427        | Black on White/Transparent  | 19.05                 | 38.10                  | —                     | 19.05                           | 12.70                            | 4.00                    | 8.10                    | 180                           |
|                                     | M-136-427       | Black on White/Transparent  | 25.40                 | 19.05                  | —                     | 25.40                           | 9.53                             | 2.00                    | 3.00                    | 340                           |
|                                     | M-49-427        | Black on White/Transparent  | 25.40                 | 25.40                  | —                     | 25.40                           | 9.53                             | 2.70                    | 5.10                    | 260                           |
|                                     | M-143-427       | Black on White/Transparent  | 25.40                 | 31.75                  | —                     | 25.40                           | 12.70                            | 3.40                    | 6.10                    | 200                           |
|                                     | M-91-427        | Black on White/Transparent  | 25.40                 | 38.10                  | —                     | 25.40                           | 12.70                            | 4.00                    | 8.10                    | 180                           |
|                                     | M-91-427-YL     | Black on Yellow/Transparent | 25.40                 | 38.10                  | —                     | 25.40                           | 12.70                            | 4.00                    | 8.10                    | 180                           |
|                                     | M-51-427        | Black on White/Transparent  | 25.40                 | 63.50                  | —                     | 25.40                           | 19.05                            | 6.70                    | 14.20                   | 110                           |
|                                     | M-51-427-YL     | Black on Yellow/Transparent | 25.40                 | 63.50                  | —                     | 25.40                           | 19.05                            | 6.70                    | 14.20                   | 110                           |
|                                     | M-53-427        | Black on White/Transparent  | 25.40                 | 101.60                 | —                     | 25.40                           | 25.40                            | 10.80                   | 24.30                   | 70                            |
|                                     | M-53-427-YL     | Black on Yellow/Transparent | 25.40                 | 101.60                 | —                     | 25.40                           | 25.40                            | 10.80                   | 24.30                   | 70                            |
|                                     | M-102-427       | Black on White/Transparent  | 12.70                 | 31.75                  | —                     | 12.70                           | 9.53                             | 3.40                    | 7.10                    | 200                           |



### Magnet Accessory Available

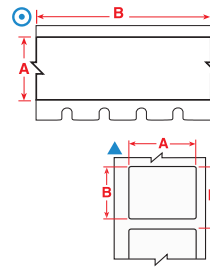
The BMP™41 printer offers a heavy-duty magnet accessory that allows you to go hands free.

Apply the magnet to the back of your printer and then simply place on a magnetic surface.

## REFLECTIVE AND GENERAL INDUSTRIAL LABELS

Choose from several materials and types of labels that offer an aggressive adhesive for use in commercial and industrial applications. Industrial labels are ideal for commercial / industrial applications, while reflective can be used for low light or inclement weather conditions.

- Recommended for low surface energy and textured surfaces
- Reflective is ideal for outdoor utility poles and pedestals, equipment on site and rooftop equipment



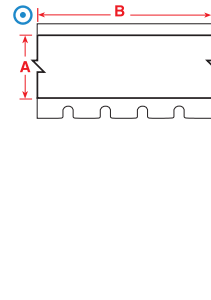
| Diagram          | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|------------------|-----------------|----------------|--------------------|---------------------|--------------------|----------------------------|
| B-422: Polyester |                 |                |                    |                     |                    |                            |
| ⊙                | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1                          |
| ⊙                | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1                          |
| ⊙                | MC-500-422      | Black on White | 12.70              | —                   | 7.62 m             | 1                          |
| ▲                | M-7-422         | Black on White | 12.70              | 12.70               |                    | 280                        |
| ▲                | M-89-422        | Black on White | 12.70              | 38.10               |                    | 180                        |
| ▲                | M-90-422        | Black on White | 19.05              | 38.10               |                    | 180                        |
| ⊙                | MC1-1000-422    | Black on White | 25.40              | —                   | 7.62 m             | 1                          |
| ▲                | M-47-422        | Black on White | 25.40              | 12.70               |                    | 480                        |
| ▲                | M-49-422        | Black on White | 25.40              | 25.40               |                    | 260                        |
| B-483: Polyester |                 |                |                    |                     |                    |                            |
| ▲                | M-61-483        | Black on White | 12.70              | 50.80               |                    | 80                         |
| ▲                | M-47-483        | Black on White | 25.40              | 12.70               |                    | 480                        |
| ▲                | M-60-483        | Black on White | 25.40              | 50.80               |                    | 140                        |

| Diagram                | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|----------------------------|
| B-499: Nylon Cloth     |                    |                 |                    |                     |                    |                            |
| ▲                      | M-11-499           | Black on White  | 19.05              | 12.70               |                    | 220                        |
| ▲                      | M-84-499           | Black on White  | 22.86              | 12.70               |                    | 200                        |
| ▲                      | M-128-499          | Black on White  | 25.40              | 48.26               |                    | 100                        |
| B-584: Reflective Tape |                    |                 |                    |                     |                    |                            |
| ⊙                      | MC-500-584         | Black on White  | 12.70              | —                   | 6.10 m             | 1                          |
| ⊙                      | MC-500-584-YL      | Black on Yellow | 12.70              | —                   | 6.10 m             | 1                          |
| ⊙                      | MC-750-584         | Black on White  | 19.05              | —                   | 6.10 m             | 1                          |
| ⊙                      | MC-750-584-YL      | Black on Yellow | 19.05              | —                   | 6.10 m             | 1                          |
| B-595: Vinyl           |                    |                 |                    |                     |                    |                            |
| ⊙                      | MC-500-595-RD-WT   | White on Red    | 12.70              | —                   | 7.62 m             | 1                          |
| ⊙                      | MC-750-595-RD-WT   | White on Red    | 19.05              | —                   | 7.62 m             | 1                          |
| ⊙                      | MC1-1000-595-RD-WT | White on Red    | 25.40              | —                   | 7.62 m             | 1                          |

## INDOOR/OUTDOOR GRADE FACILITY LABELS

Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Lasting up to 8-10\* years outdoors, these labels offer excellent resistance to oils, detergents, dirt, grime and many solvents.

- Durable, low-shrink vinyl with our most aggressive adhesive
- Works for a variety of applications, including 5S labels, arc flash, chemical labels and more



| Diagram      | Order Reference    | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|--------------|--------------------|-----------------|--------------------|--------------------|----------------------------|
| B-595: Vinyl |                    |                 |                    |                    |                            |
| ⊙            | MC-500-595-CL-BK   | Black on Clear  | 12.70              | 6.10 m             | 1                          |
| ⊙            | MC-750-595-CL-BK   | Black on Clear  | 19.05              | 6.10 m             | 1                          |
| ⊙            | MC1-1000-595-CL-BK | Black on Clear  | 25.40              | 6.10 m             | 1                          |
| ⊙            | MC-500-595-OR-BK   | Black on Orange | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-OR-BK   | Black on Orange | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-OR-BK | Black on Orange | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-500-595-WT-BK   | Black on White  | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-WT-BK   | Black on White  | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-WT-BK | Black on White  | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-375-595-WT-BK   | Black on White  | 9.53               | 7.62 m             | 1                          |
| ⊙            | MC-500-595-YL-BK   | Black on Yellow | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-YL-BK   | Black on Yellow | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-375-595-YL-BK   | Black on Yellow | 9.53               | 7.62 m             | 1                          |
| ⊙            | MC-500-595-WT-RD   | Red on White    | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-WT-RD   | Red on White    | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-WT-RD | Red on White    | 25.40              | 7.62 m             | 1                          |

| Diagram      | Order Reference    | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|--------------|--------------------|----------------|--------------------|--------------------|----------------------------|
| B-595: Vinyl |                    |                |                    |                    |                            |
| ⊙            | MC-500-595-BK-WT   | White on Black | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-BK-WT   | White on Black | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-BK-WT | White on Black | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-500-595-BL-WT   | White on Blue  | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-BL-WT   | White on Blue  | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-BL-WT | White on Blue  | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-500-595-CL-WT   | White on Clear | 12.70              | 6.10 m             | 1                          |
| ⊙            | MC-750-595-CL-WT   | White on Clear | 19.05              | 6.10 m             | 1                          |
| ⊙            | MC1-1000-595-CL-WT | White on Clear | 25.40              | 6.10 m             | 1                          |
| ⊙            | MC-500-595-GN-WT   | White on Green | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-GN-WT   | White on Green | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-GN-WT | White on Green | 25.40              | 7.62 m             | 1                          |
| ⊙            | MC-500-595-RD-WT   | White on Red   | 12.70              | 7.62 m             | 1                          |
| ⊙            | MC-750-595-RD-WT   | White on Red   | 19.05              | 7.62 m             | 1                          |
| ⊙            | MC1-1000-595-RD-WT | White on Red   | 25.40              | 7.62 m             | 1                          |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlaminate is recommended for harsh environments - long term exposure to wind and rain.

**BMP™51**  
LABEL MAKER

**BMP™53**  
LABEL MAKER



## DESIGNED TO GET THE JOB DONE

The BMP™51 & BMP™53 Label Makers help you get the job done faster, easier and with confidence. It offers crisp printing, easy formatting, convenient label sizes, and portability required for electrical and datacom installations and general industrial labelling.

- Change supplies in seconds
- Automatic label formatting
- Quick to print - 25.40 mm per second
- Durable built-in cutter
- Battery options for portability
- Built-in Bluetooth® technology or optional Wi-Fi card for wireless printing
- Software compatability for advanced label design
- Continuous and die-cut label materials
- Labels up to 38.10 mm wide
- A magnet to keep your printer handy
- Tough, durable label materials that won't fade, smear or fall off

## GET THE JOB DONE YOUR WAY

**Wireless, Ethernet, USB or Bluetooth options**

The BMP™51/BMP™53 Label Maker includes a Bluetooth enabled network card that can work with the Brady Mobile App on your Android Smartphone.

Network Card Options:

- Ethernet Only
- WiFi + Bluetooth
- WiFi + Bluetooth + Ethernet



## BMP™51 & BMP™53 LABEL MAKERS

| Art. No. | Order Reference         | Description                                                                   |
|----------|-------------------------|-------------------------------------------------------------------------------|
| 710894   | BMP51 PRINTER KIT EU    | BMP51 Printer with Battery Pack - AC Adaptor/Battery Charger EU               |
| 710896   | BMP51 PRINTER KIT EU-LM | BMP51 Printer with Battery Pack - AC Adaptor/Battery Charger - EU & LabelMark |
| 710898   | BMP51 PRINTER KIT UK    | BMP51 Printer with Battery Pack - AC Adaptor/Battery Charger - UK             |
| 710900   | BMP51 PRINTER KIT UK-LM | BMP51 Printer with Battery Pack - AC Adaptor/Battery Charger - UK & LabelMark |
| 710895   | BMP53 PRINTER KIT EU    | BMP53 Printer with Battery Pack - AC Adaptor/Battery Charger EU               |
| 710897   | BMP53 PRINTER KIT EU-LM | BMP53 Printer with Battery Pack - AC Adaptor/Battery Charger - EU & LabelMark |
| 710899   | BMP53 PRINTER KIT UK    | BMP53 Printer with Battery Pack - AC Adaptor/Battery Charger - UK             |
| 710901   | BMP53 PRINTER KIT UK-LM | BMP53 Printer with Battery Pack - AC Adaptor/Battery Charger - UK & LabelMark |

Printer comes with a hard carrying case, Rechargeable Li-ion Battery and AC Adaptor with power cord, USB Cable, Drivers CD, Product CD, Quick Start Guide, MC-1500-595-WT-BK and a Bluetooth network card.

## BMP51 & 53 APPLICATION KITS

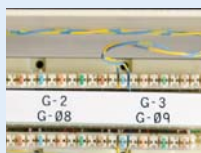
| Art. No. | Order Reference | Description             |
|----------|-----------------|-------------------------|
| 710930   | BMP51-EU-ELEC   | BMP51 Electrical Kit EU |
| 710931   | BMP51-UK-ELEC   | BMP51 Electrical Kit UK |
| 710939   | BMP53-EU-ELEC   | BMP53 Electrical Kit EU |
| 710940   | BMP53-UK-ELEC   | BMP53 Electrical Kit UK |

| Art. No. | Order Reference | Description              |
|----------|-----------------|--------------------------|
| 710928   | BMP51-EU-DATA   | BMP51 TeleDatacom Kit EU |
| 710929   | BMP51-UK-DATA   | BMP51 TeleDatacom Kit UK |
| 710937   | BMP53-EU-DATA   | BMP53 TeleDatacom Kit EU |
| 710938   | BMP53-UK-DATA   | BMP53 TeleDatacom Kit UK |

**Electrical Kit contains:** BMP51 or BMP53 printer + hard case + USB Cable + rechargeable Li-ion Battery + AC adaptor with power cord + Magnet + LabelMark Software + M-132-499 + M1-115-427 + MC-1500-595-WT-BK

**Tele/Datacom Kits contains:** BMP51 or BMP53 printer + hard case + USB Cable + rechargeable Li-ion Battery + AC adaptor with power cord + Magnet + LabelMark Software + M-48-427 + MC-375-422 + MC-1500-595-WT-BK

## Get the job done FASTER, EASIER and WITH CONFIDENCE.



Voice & Data  
Communications



PermaSleeve  
Wire Marking Sleeves



Product Identification



Self-laminating



Tamper-resistant



General ID and  
many more!





| Printer Specifications                  |                                                                                                                                                                                                            |                                                                                                                                                                                                               |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         | BMP™51 Label Maker                                                                                                                                                                                         | BMP™53 Label Maker                                                                                                                                                                                            |
| Language Support                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                          | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish                                                                                                             |
| Software Compatibility                  | CodeSoft, LabelMark                                                                                                                                                                                        | CodeSoft, LabelMark                                                                                                                                                                                           |
| Bar Code Capability                     | Code 39 and 128, other via software                                                                                                                                                                        | Code 39 and 128, other via software                                                                                                                                                                           |
| Recommended Usage per Day               | 500                                                                                                                                                                                                        | 250                                                                                                                                                                                                           |
| Built-in Symbols                        | 450 symbols included                                                                                                                                                                                       | 500 symbols included                                                                                                                                                                                          |
| Colour Capability                       | Monocolour                                                                                                                                                                                                 | Monocolour                                                                                                                                                                                                    |
| Stand-alone Printing (Detached from PC) | Yes                                                                                                                                                                                                        | No                                                                                                                                                                                                            |
| Connectivity Options                    | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                   | USB, Bluetooth & optional Ethernet, WiFi                                                                                                                                                                      |
| Internal Memory Capacity                | 48 MB - up to 25,000 labels                                                                                                                                                                                | Files saved to PC                                                                                                                                                                                             |
| Print Speed (mm/sec)                    | 25.40                                                                                                                                                                                                      | 25.40                                                                                                                                                                                                         |
| Print Technology                        | Thermal Transfer                                                                                                                                                                                           | Thermal Transfer                                                                                                                                                                                              |
| Print Resolution (dpi)                  | 300 dpi                                                                                                                                                                                                    | 300 dpi                                                                                                                                                                                                       |
| Smart Cell                              | Yes                                                                                                                                                                                                        | Yes                                                                                                                                                                                                           |
| Text Sizes                              | 4 to 102 pt                                                                                                                                                                                                | 4 to 102 pt                                                                                                                                                                                                   |
| Serialisation                           | Multiple & Linked                                                                                                                                                                                          | Multiple & Linked                                                                                                                                                                                             |
| Max. Label Width                        | 38.10 mm                                                                                                                                                                                                   | 38.10 mm                                                                                                                                                                                                      |
| Max. Print Width                        | 36.00 mm                                                                                                                                                                                                   | 36.00 mm                                                                                                                                                                                                      |
| Materials Supported                     | over 190 stock parts; Continuous; Die-cut                                                                                                                                                                  | over 130 stock parts; Continuous; Die Cut                                                                                                                                                                     |
| Label Dimensions                        | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970 mm<br><br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970.00 mm<br><br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm |
| Label Colours                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                 | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                    |
| Physical Properties                     |                                                                                                                                                                                                            |                                                                                                                                                                                                               |
| Keyboard Type                           | QWERTY                                                                                                                                                                                                     | None                                                                                                                                                                                                          |
| Display                                 | Large, backlit LCD display with on screen indicators                                                                                                                                                       | None                                                                                                                                                                                                          |
| Cutter                                  | Cutter with label retention                                                                                                                                                                                | Cutter with label retention                                                                                                                                                                                   |
| Power Supply                            | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                         | 8 AA's, Rechargeable Lithium Ion Battery, AC Power                                                                                                                                                            |
| Height x Width x Depth                  | 90.00 mm x 155.00 mm x 255.00 mm                                                                                                                                                                           | 90.00 mm x 165.00 mm x 215.00 mm                                                                                                                                                                              |
| Weight (kg)                             | 1.40                                                                                                                                                                                                       | 1.28 kg                                                                                                                                                                                                       |

## BMP™51 & BMP™53 ACCESSORIES

| Art. No. | Order Reference    | Description                                                    |
|----------|--------------------|----------------------------------------------------------------|
| 142261   | UBP-Li-ION-AC-120v | Universal Li-ion Battery Pack with AC Adaptor/ Battery Pack US |
| 710902   | UBP-Li-ION-AC-EUR  | Universal Li-ion Battery Pack with AC Adaptor/ Battery Pack EU |
| 710903   | UBP-Li-ION-AC-UK   | Universal Li-ion Battery Pack with AC Adaptor/ Battery Pack UK |
| 114883   | M41-50-71-AC-BC-NA | AC Adaptor - NA 120V                                           |
| 710612   | M41-50-71-AC-BC-EU | AC Adaptor - Europe 220V                                       |
| 710613   | M41-50-71-AC-BC-UK | AC Adaptor - UK 240V                                           |
| 142260   | BMP-UBP 12V        | Universal Li-Ion Battery Pack                                  |
| 143115   | M50-BATT-TRAY      | BMP50 Series Spare Battery Tray for 8 AA batteries             |
| 143109   | M50-HC             | BMP50 Series Hard Carry Case                                   |
| 121423   | M50-SC             | BMP50 Series Soft Carry Case                                   |
| 143108   | M50-MAGNET         | BMP50 Series Magnet Accessory                                  |
| 142265   | NET-BT             | Bluetooth Network Card                                         |
| 142268   | NET-BT-WIFI-LAN    | Bluetooth/WiFi/ LAN Network Card                               |
| 142267   | NET-LAN            | LAN Network Card                                               |
| 142266   | NET-WIFI           | Bluetooth/WiFi Network Card                                    |
| 143114   | BMP41-BMP50-USB    | BMP41-BMP50 Series USB Cable                                   |



**To Download:**  
 Open the Android Market on your Android Smartphone. Search for "Brady Mobile" and download the app. Brady Mobile App is designed to run on Android OS Version 2.2 or higher.

Android is a trademark of Google Inc.

## BRADY MOBILE SOFTWARE

"Brady Mobile" is the Brady application for on-the-job label making. Simply download the Brady Mobile App on your Android Smartphone for instant label printing - right from the palm of your hand.

With Brady Mobile, you can use your Android Smartphone to:

- Design a label from scratch
- Edit an existing label
- Create and edit label templates
- Print to your BMP™51 or BMP™53 Label Maker using Bluetooth® technology



**Automatic updates (No software upgrade costs!)**

The Brady Mobile App will be automatically updated when new label types, printers, and materials become available.





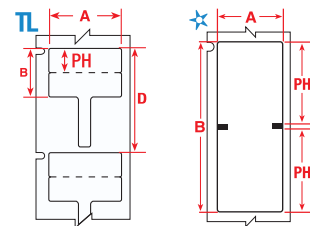
## How to read an order reference: example M-31-427-YL

**M** - **31** - **427** - **YL**  
M: Die cut label      Label size code      Brady material number (B-number)      Optional colour  
MC: Continuous label



## CABLE FLAGS

Pre-formatted with two printable areas, allowing label to be easily folded around wires to create a two-sided, printed flag. Information is still legible on smaller diameter wires and the flag permits you to handle and view labels without touching the wires.

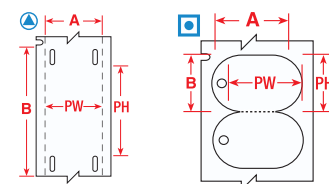


| Diagram              | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Labels per Cartridge/Roll | Additional Features                             |
|----------------------|-----------------|----------------|--------------------|---------------------|-------------------------------|---------------------------|-------------------------------------------------|
| B-425: Polypropylene |                 |                |                    |                     |                               |                           |                                                 |
| TL                   | MFT-01-425      | Black on White | 30.00              | 20.00               | 10.00                         | 200                       | Ideal for Fibre Optic Labelling                 |
| B-499: Nylon Cloth   |                 |                |                    |                     |                               |                           |                                                 |
| ☆                    | M-141-499       | Black on White | 25.40              | 57.15               | 25.40                         | 90                        | Approx. 25.40 mm x 25.40 mm resulting flag size |
| ☆                    | M-152-499       | Black on White | 38.10              | 31.75               | 12.70                         | 160                       | Low profile; High adhesion                      |



## TAGS FOR COMMUNICATIONS CABLES

Multi-purpose tag that can be used for a variety of applications including identification of multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress. Extremely tear resistant.

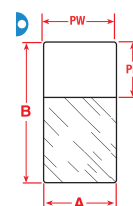


| Diagram                 | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Cartridge/Roll | Additional Features   |
|-------------------------|-----------------|----------------|--------------------|---------------------|------------------------------|-------------------------------|---------------------------|-----------------------|
| B-109: Polyethylene Tag |                 |                |                    |                     |                              |                               |                           |                       |
| ⚡                       | M-12-109        | Black on White | 19.05              | 76.20               | 19.05                        | 56.00                         | 80                        | Good cold-weather tag |
| B-145: Polyethylene Tag |                 |                |                    |                     |                              |                               |                           |                       |
| ⚡                       | M-111-145FR-GY  | Black on Grey  | 30.63              | 19.25               | 20.63                        | 19.25                         | 65                        | Flame Retardant       |



## SELF-LAMINATING CABLE MARKERS

Features a clear, non-printable area that wraps around the cable and serves as an overlaminate to the printed text. Offers superior resistance to abrasion, dirt, oils, solvents, and water.

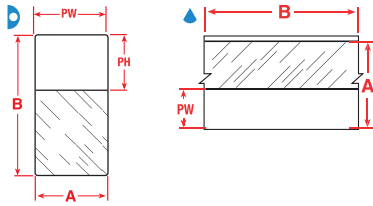


| Diagram                      | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Cartridge/Roll | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|---------------------------|-------------------------|------------------------------------------|
| B-427: Self-laminating Vinyl |                 |                             |                    |                     |                    |                              |                               |                           |                         |                                          |
| Ⓛ                            | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               |                    | 12.70                        | 12.70                         | 180                       | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               |                    | 12.70                        | 9.53                          | 200                       | 7.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               |                    | 19.05                        | 12.70                         | 180                       | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 180                       | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               |                    | 25.40                        | 12.70                         | 200                       | 6.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 180                       | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| Ⓛ                            | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               |                    | 25.40                        | 19.05                         | 110                       | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
| Ⓛ                            | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               |                    | 25.40                        | 9.53                          | 260                       | 5.10                    | 2 Pair Fibre/Coaxial; Single/Multi-Mode  |

Full Material Properties on page 168

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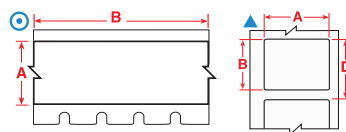
## SELF-LAMINATING CABLE MARKERS (CONTINUED)



| Diagram | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Cartridge/ Roll | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|---------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------------------------|
|         | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               |                    | 25.40                        | 19.05                         | 110                        | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
|         | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              |                    | 25.40                        | 25.40                         | 70                         | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              |                    | 25.40                        | 25.40                         | 70                         | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-115-427       | Black on White/Transparent  | 38.10              | 31.75               |                    | 38.10                        | 12.70                         | 200                        | 6.10                    | CAT 6; 4 pair UTP Copper                 |
|         | M-32-427        | Black on White/Transparent  | 38.10              | 38.10               |                    | 38.10                        | 12.70                         | 180                        | 8.10                    | CAT 6; 4 pair UTP Copper                 |
|         | M-116-427       | Black on White/Transparent  | 38.10              | 63.50               |                    | 19.05                        | 63.50                         | 80                         | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
|         | M-33-427        | Black on White/Transparent  | 38.10              | 101.60              |                    | 38.10                        | 25.40                         | 70                         | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-34-427        | Black on White/Transparent  | 38.10              | 152.40              |                    | 38.10                        | 38.10                         | 40                         | 36.40                   | 100 Pair Copper; 36 Pair Fibre; Backbone |
|         | MC-750-427      | Black on White/Transparent  | 19.05              | -                   | 7.62 m             | 9.53                         | -                             | 1                          | 3.00                    | CAT 6; 4 pair UTP Copper                 |
|         | MC-1000-427     | Black on White/Transparent  | 25.40              | -                   | 7.62 m             | 9.53                         | -                             | 1                          | 5.10                    | CAT 6; 4 pair UTP Copper                 |
|         | MC-1250-427     | Black on White/Transparent  | 31.75              | -                   | 7.62 m             | 12.70                        | -                             | 1                          | 6.10                    | Communication Cables                     |
|         | MC-1500-427     | Black on White/Transparent  | 38.10              | -                   | 7.62 m             | 12.70                        | -                             | 1                          | 8.10                    | CAT 6; 4 pair UTP Copper                 |

## DATA CENTRE EQUIPMENT, BAY, RACK & FRAME LABELS

Durable materials with permanent adhesive. Available in a variety of sizes and colours for marking racks, bays, frames, slots, and other voice/data hardware.



| Diagram                 | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/ Roll | Additional Features                                                    |
|-------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|----------------------------|------------------------------------------------------------------------|
| <b>B-422: Polyester</b> |                    |                 |                    |                     |                    |                            |                                                                        |
|                         | M-89-422           | Black on White  | 12.70              | 38.10               |                    | 180                        | Stick-on Individual Labels                                             |
|                         | M-7-422            | Black on White  | 12.70              | 12.70               |                    | 280                        | Individual Port Labels                                                 |
|                         | MC1-1000-422       | Black on White  | 25.40              | -                   | 7.62 m             | 1                          | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                         | M-49-422           | Black on White  | 25.40              | 25.40               |                    | 260                        | Adhesive Stick-on individual labels                                    |
|                         | M-17-422           | Black on White  | 25.40              | 12.70               |                    | 360                        | Stick-on Individual Labels                                             |
|                         | M-30-422           | Black on White  | 38.10              | 19.05               |                    | 200                        | Stick-on Individual Labels                                             |
| <b>B-483: Polyester</b> |                    |                 |                    |                     |                    |                            |                                                                        |
|                         | M-61-483           | Black on White  | 12.70              | 50.80               |                    | 80                         | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                         | M-60-483           | Black on White  | 25.40              | 50.80               |                    | 140                        | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                         | M-47-483           | Black on White  | 25.40              | 12.70               |                    | 480                        | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
| <b>B-595: Vinyl</b>     |                    |                 |                    |                     |                    |                            |                                                                        |
|                         | MC-375-595-WT-BK   | Black on White  | 9.53               | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-375-595-YL-BK   | Black on Yellow | 9.53               | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-500-595-YL-BK   | Black on Yellow | 12.70              | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-750-595-YL-BK   | Black on Yellow | 19.05              | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-1500-595-YL-BK  | Black on Yellow | 38.10              | -                   | 7.62 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-500-595-CL-WT   | White on Clear  | 12.70              | -                   | 6.10 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-750-595-CL-WT   | White on Clear  | 19.05              | -                   | 6.10 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC1-1000-595-CL-WT | White on Clear  | 25.40              | -                   | 6.10 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-1500-595-CL-WT  | White on Clear  | 38.10              | -                   | 6.10 m             | 1                          | Adhesive Stick on Strips, Cut to Size                                  |

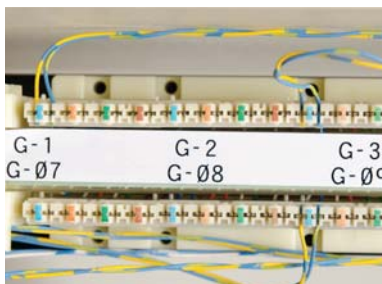
For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 43.



## HASSLE FREE CARTRIDGES

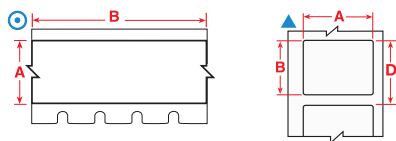
- Easy-to-load cartridges with "Anti-jam" technology.
- Ribbon and label materials: all in ONE cartridge!

Full Material Properties on page 168



## PUNCH BLOCK & PATCH PANEL LABELS

Make fully-formatted punch block strips or labels in one easy process. Using LabelMark™ Labelling Software or the Brady Mobile App easily create serialised punch block labels with or without grid lines to fit your equipment.

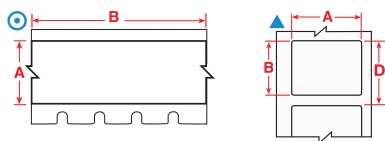


| Diagram                  | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/<br>Roll | Additional Features                                                    |
|--------------------------|-----------------|----------------|-----------------------|------------------------|-----------------------|----------------------------------|------------------------------------------------------------------------|
| B-412: Polypropylene Tag |                 |                |                       |                        |                       |                                  |                                                                        |
| ⊙                        | MC-375-412      | Black on White | 9.53                  | -                      | 6.10 m                | 1                                | Non-Adhesive Slide-in Strips                                           |
| ⊙                        | MC-475-412      | Black on White | 12.07                 | -                      | 6.10 m                | 1                                | Non-Adhesive Slide-in Strips                                           |
| ⊙                        | MC-625-412      | Black on White | 15.88                 | -                      | 6.10 m                | 1                                | Non-Adhesive Slide-in Strips                                           |
| B-422: Polyester         |                 |                |                       |                        |                       |                                  |                                                                        |
| ▲                        | M-7-422         | Black on White | 12.70                 | 12.70                  |                       | 280                              | Individual Port Labels                                                 |
| ⊙                        | MC-375-422      | Black on White | 9.53                  | -                      | 7.62 m                | 1                                | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                        | MC-475-422      | Black on White | 12.07                 | -                      | 7.62 m                | 1                                | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                        | MC-625-422      | Black on White | 15.88                 | -                      | 7.62 m                | 1                                | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |



## FACEPLATE & OUTLET LABELS

Label your ports, jacks, and outlets with a variety of adhesive labels or slide-in strips.



| Diagram                  | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/<br>Roll | Additional Features                                                    |
|--------------------------|-----------------|----------------|-----------------------|------------------------|-----------------------|----------------------------------|------------------------------------------------------------------------|
| B-412: Polypropylene Tag |                 |                |                       |                        |                       |                                  |                                                                        |
| ⊙                        | MC-475-412      | Black on White | 12.07                 | -                      | 6.10 m                | 1                                | Non-Adhesive Slide-in Strips                                           |
| B-422: Polyester         |                 |                |                       |                        |                       |                                  |                                                                        |
| ▲                        | M-89-422        | Black on White | 12.70                 | 38.10                  |                       | 180                              | Stick-on Individual Labels                                             |
| ▲                        | M-7-422         | Black on White | 12.70                 | 12.70                  |                       | 280                              | Individual Port Labels                                                 |
| ▲                        | M-17-422        | Black on White | 25.40                 | 12.70                  |                       | 360                              | Stick-on Individual Labels                                             |
| ▲                        | M-30-422        | Black on White | 38.10                 | 19.05                  |                       | 200                              | Stick-on Individual Labels                                             |
| ⊙                        | MC-375-422      | Black on White | 9.53                  | -                      | 7.62 m                | 1                                | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                        | MC-475-422      | Black on White | 12.07                 | -                      | 7.62 m                | 1                                | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| B-483: Polyester         |                 |                |                       |                        |                       |                                  |                                                                        |
| ▲                        | M-61-483        | Black on White | 12.70                 | 50.80                  |                       | 80                               | Ultra-aggressive adhesive; Designed for powder coated surfaces         |



### Did you know?

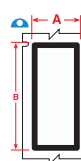
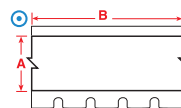
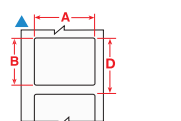
The BMP51/53 Label Maker has a built-in label retention feature, that grips the label until you need it. Paired with the magnet accessory and Brady's Mobile App, this is the ultimate answer to your "on the job" labelling requirements.



## AUTOMATION & ELECTRICAL COMPONENT MARKERS

Various sizes, colours and label types for marking relays, solenoids, switches, drive motors, and other components.

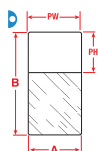
| Diagram                            | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll |
|------------------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|---------------------------|
| <b>B-422: Polyester</b>            |                    |                 |                    |                     |                    |                           |
| ▲                                  | M-89-422           | Black on White  | 12.70              | 38.10               |                    | 180                       |
| ▲                                  | M-7-422            | Black on White  | 12.70              | 12.70               |                    | 280                       |
| ▲                                  | M-49-422           | Black on White  | 25.40              | 25.40               |                    | 260                       |
| ▲                                  | M-17-422           | Black on White  | 25.40              | 12.70               |                    | 360                       |
| ▲                                  | M-30-422           | Black on White  | 38.10              | 19.05               |                    | 200                       |
| ⊙                                  | MC1-1000-422       | Black on White  | 25.40              | -                   | 7.62 m             | 1                         |
| <b>B-428: Metallised Polyester</b> |                    |                 |                    |                     |                    |                           |
| ◐                                  | M-92-428-BB        | Black on Silver | 12.70              | 33.02               |                    | 239                       |
| ▲                                  | M-47-428           | Black on Silver | 25.40              | 12.70               |                    | 480                       |
| ▲                                  | M-60-428           | Black on Silver | 25.40              | 50.80               |                    | 140                       |
| ▲                                  | M-29-428           | Black on Silver | 38.10              | 12.70               |                    | 360                       |
| <b>B-483: Polyester</b>            |                    |                 |                    |                     |                    |                           |
| ▲                                  | M-61-483           | Black on White  | 12.70              | 50.80               |                    | 80                        |
| ▲                                  | M-60-483           | Black on White  | 25.40              | 50.80               |                    | 140                       |
| <b>B-499: Nylon Cloth</b>          |                    |                 |                    |                     |                    |                           |
| ▲                                  | M-11-499           | Black on White  | 19.05              | 12.70               |                    | 220                       |
| ▲                                  | M-84-499           | Black on White  | 22.86              | 12.70               |                    | 200                       |
| ▲                                  | M-128-499          | Black on White  | 25.40              | 48.26               |                    | 100                       |
| ▲                                  | M-78-499           | Black on White  | 25.40              | 25.40               |                    | 100                       |
| ▲                                  | M-132-499          | Black on White  | 38.10              | 31.75               |                    | 160                       |
| <b>B-595: Vinyl</b>                |                    |                 |                    |                     |                    |                           |
| ⊙                                  | MC-500-595-OR-BK   | Black on Orange | 12.70              | -                   | 7.62 m             | 1                         |
| ⊙                                  | MC-750-595-OR-BK   | Black on Orange | 19.05              | -                   | 7.62 m             | 1                         |
| ⊙                                  | MC1-1000-595-OR-BK | Black on Orange | 25.40              | -                   | 7.62 m             | 1                         |
| ⊙                                  | MC-1500-595-OR-BK  | Black on Orange | 38.10              | -                   | 7.62 m             | 1                         |



For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 43.

## SELF-LAMINATING WIRE & CABLE MARKERS

Features a clear, non-printable “tail” that wraps around the wire and serves as an overlamine to the printed text. Protected print area offers superior chemical and abrasion resistance.



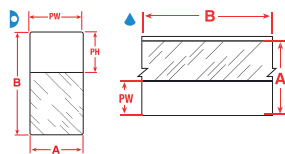
| Diagram                             | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll |
|-------------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-------------------------|---------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                    |                     |                    |                              |                               |                         |                           |
| ◐                                   | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               | -                  | 12.70                        | 12.70                         | 8.10                    | 180                       |
| ◐                                   | M-47-427        | Black on White/Transparent  | 12.70              | 25.40               | -                  | 12.70                        | 9.53                          | 5.10                    | 360                       |
| ◐                                   | M-11-427        | Black on White/Transparent  | 12.70              | 19.05               | -                  | 12.70                        | 9.53                          | 3.00                    | 360                       |
| ◐                                   | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               | -                  | 12.70                        | 9.53                          | 7.10                    | 200                       |
| ◐                                   | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               | -                  | 19.05                        | 12.70                         | 8.10                    | 180                       |
| ◐                                   | M-48-427        | Black on White/Transparent  | 19.05              | 25.40               | -                  | 9.53                         | 19.05                         | 3.00                    | 200                       |
| ◐                                   | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               | -                  | 25.40                        | 12.70                         | 8.10                    | 180                       |
| ◐                                   | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               | -                  | 25.40                        | 12.70                         | 6.10                    | 200                       |
| ◐                                   | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               | -                  | 25.40                        | 12.70                         | 8.10                    | 180                       |
| ◐                                   | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               | -                  | 25.40                        | 19.05                         | 14.20                   | 110                       |
| ◐                                   | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               | -                  | 25.40                        | 9.53                          | 5.10                    | 260                       |
| ◐                                   | M-136-427       | Black on White/Transparent  | 25.40              | 19.05               | -                  | 25.40                        | 9.53                          | 3.00                    | 340                       |
| ◐                                   | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               | -                  | 25.40                        | 19.05                         | 14.20                   | 110                       |
| ◐                                   | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              | -                  | 25.40                        | 25.40                         | 24.30                   | 70                        |
| ◐                                   | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              | -                  | 25.40                        | 25.40                         | 24.30                   | 70                        |
| ◐                                   | M-115-427       | Black on White/Transparent  | 38.10              | 31.75               | -                  | 38.10                        | 12.70                         | 6.10                    | 200                       |
| ◐                                   | M-32-427        | Black on White/Transparent  | 38.10              | 38.10               | -                  | 38.10                        | 12.70                         | 8.10                    | 180                       |
| ◐                                   | M-116-427       | Black on White/Transparent  | 38.10              | 63.50               | -                  | 19.05                        | 63.50                         | 14.20                   | 80                        |

Full Material Properties on page 168

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## SELF-LAMINATING WIRE & CABLE MARKERS (CONTINUED)



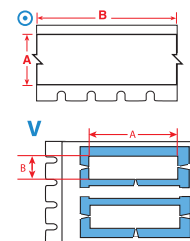
| Diagram | Order Reference | Colour                     | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/ Roll |
|---------|-----------------|----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-------------------------|----------------------------|
|         | M-33-427        | Black on White/Transparent | 38.10              | 101.60              | -                  | 38.10                        | 25.40                         | 24.30                   | 70                         |
|         | M-34-427        | Black on White/Transparent | 38.10              | 152.40              | -                  | 38.10                        | 38.10                         | 36.40                   | 40                         |
|         | MC-750-427      | Black on White/Transparent | 19.05              | -                   | 7.62               | 9.53                         | -                             | 3.00                    | 1                          |
|         | MC-1000-427     | Black on White/Transparent | 25.40              | -                   | 7.62               | 9.53                         | -                             | 5.10                    | 1                          |
|         | MC-1250-427     | Black on White/Transparent | 31.75              | -                   | 7.62               | 12.70                        | -                             | 6.10                    | 1                          |
|         | MC-1500-427     | Black on White/Transparent | 38.10              | -                   | 7.62               | 12.70                        | -                             | 8.10                    | 1                          |



## PERMASLEEVE™ PS WIRE MARKING SLEEVES

These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.

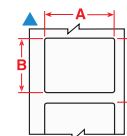
| Diagram                                     | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/ Roll |
|---------------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-------------------------|----------------------------|
| <b>B-342: Heat-shrink Polyolefin Sleeve</b> |                 |                 |                    |                     |                    |                         |                         |                            |
|                                             | M-187-075-342   | Black on White  | 19.05              | 8.50                | -                  | 1.57                    | 3.81                    | 80                         |
|                                             | M-250-075-342   | Black on White  | 19.05              | 11.15               | -                  | 2.39                    | 5.46                    | 80                         |
|                                             | M-125-075-342   | Black on White  | 19.05              | 6.00                | -                  | 1.17                    | 2.79                    | 80                         |
|                                             | M-375-075-342   | Black on White  | 19.05              | 16.40               | -                  | 3.18                    | 8.13                    | 80                         |
|                                             | M-125-1-342     | Black on White  | 25.78              | 6.00                | -                  | 1.17                    | 2.79                    | 80                         |
|                                             | M-187-1-342     | Black on White  | 25.78              | 8.50                | -                  | 1.57                    | 3.81                    | 80                         |
|                                             | M-250-1-342     | Black on White  | 25.78              | 11.15               | -                  | 2.39                    | 5.46                    | 80                         |
|                                             | M-375-1-342     | Black on White  | 25.78              | 16.40               | -                  | 3.18                    | 8.13                    | 80                         |
|                                             | MC-187-342      | Black on White  | -                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1                          |
|                                             | MC-125-342      | Black on White  | -                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1                          |
|                                             | MC-250-342      | Black on White  | -                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1                          |
|                                             | MC1-375-342     | Black on White  | -                  | 16.40               | 2.13 m             | 3.18                    | 8.13                    | 1                          |
|                                             | MC-187-342-YL   | Black on Yellow | -                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1                          |
|                                             | MC-125-342-YL   | Black on Yellow | -                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1                          |
|                                             | MC-250-342-YL   | Black on Yellow | -                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1                          |



## WRAP AROUND WIRE & CABLE MARKERS

Durable vinyl cloth wrap around wire and cable markers made with an adhesive that allows the markers to be removed cleanly and reapplied if necessary.

| Diagram                   | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll |
|---------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| <b>B-498: Vinyl Cloth</b> |                 |                |                    |                     |                    |                         |                           |
|                           | M-7-498         | Black on White | 12.70              | 12.70               | -                  | 2.80                    | 240                       |
|                           | M-11-498        | Black on White | 19.05              | 12.70               | -                  | 4.00                    | 220                       |
|                           | M-91-498        | Black on White | 25.40              | 38.10               | -                  | 7.10                    | 120                       |
|                           | M-48-498        | Black on White | 25.40              | 19.05               | -                  | 5.10                    | 180                       |
|                           | M-49-498        | Black on White | 25.40              | 25.40               | -                  | 5.10                    | 160                       |
|                           | M-131-498       | Black on White | 12.70              | 25.40               | -                  | 5.10                    | 180                       |



>>

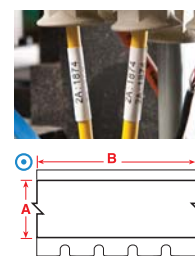


The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 43 for the full range of colours and sizes for these labels.

Full Material Properties on page 168

## WRAP AROUND WIRE & CABLE MARKERS (CONTINUED)

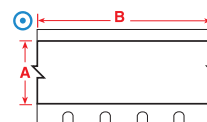
| Diagram            | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Max. Wire<br>Diameter (mm) | Labels per<br>Cartridge/Roll |
|--------------------|-----------------|----------------|-----------------------|------------------------|-----------------------|----------------------------|------------------------------|
| B-499: Nylon Cloth |                 |                |                       |                        |                       |                            |                              |
| ⊙                  | MC-375-499      | Black on White | 9.53                  | -                      | 4.88                  | -                          | 1                            |
| ⊙                  | MC-500-499      | Black on White | 12.70                 | -                      | 4.88                  | -                          | 1                            |
| ⊙                  | MC-1000-499     | Black on White | 25.40                 | -                      | 4.88                  | -                          | 1                            |
| ⊙                  | MC-750-499      | Black on White | 19.05                 | -                      | 4.88                  | -                          | 1                            |



The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 43 for the full range of colours and sizes for these labels.

## TERMINAL BLOCK MARKERS

Specially-designed narrow-width markers. LabelMark™ Labelling Software or the Brady Mobile App can auto-serialise these labels to save you time.

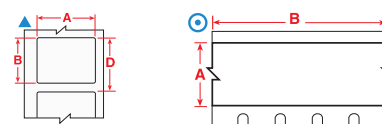


| Diagram            | Order Reference | Colour         | Label Width<br>A (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/Roll |
|--------------------|-----------------|----------------|-----------------------|-----------------------|------------------------------|
| B-498: Vinyl Cloth |                 |                |                       |                       |                              |
| ⊙                  | MC-240-498      | Black on White | 6.10                  | 4.88 m                | 1                            |
| ⊙                  | MC-318-498      | Black on White | 8.08                  | 4.88 m                | 1                            |
| ⊙                  | MC-375-498      | Black on White | 9.53                  | 6.10 m                | 1                            |



## CONTROL PANEL AND ELECTRICAL PANEL LABELS

Long-lasting, durable materials to quickly identify control and electrical panels.



| Diagram                     | Order Reference   | Colour          | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per<br>Cartridge/Roll |
|-----------------------------|-------------------|-----------------|-----------------------|------------------------|-----------------------|------------------------------|
| B-428: Metallised Polyester |                   |                 |                       |                        |                       |                              |
| ▲                           | M-47-428          | Black on Silver | 25.40                 | 12.70                  |                       | 480                          |
| ▲                           | M-60-428          | Black on Silver | 25.40                 | 50.80                  |                       | 140                          |
| ▲                           | M-29-428          | Black on Silver | 38.10                 | 12.70                  |                       | 360                          |
| B-595: Vinyl                |                   |                 |                       |                        |                       |                              |
| ⊙                           | MC-1500-595-CL-BK | Black on Clear  | 38.10                 | -                      | 6.10 m                | 1                            |
| ⊙                           | MC-1500-595-CL-WT | White on Clear  | 38.10                 | -                      | 6.10 m                | 1                            |
| ⊙                           | MC-1500-595-OR-BK | Black on Orange | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-WT-BK | Black on White  | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-YL-BK | Black on Yellow | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-WT-RD | Red on White    | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-BK-WT | White on Black  | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-BL-WT | White on Blue   | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-GN-WT | White on Green  | 38.10                 | -                      | 7.62 m                | 1                            |
| ⊙                           | MC-1500-595-RD-WT | White on Red    | 38.10                 | -                      | 7.62 m                | 1                            |



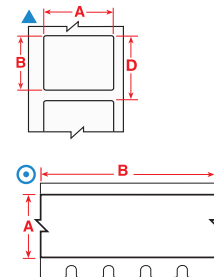
For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 43.



## ROUGH SURFACE LABELS

Ideal for marking textured or rough surfaces.  
Available in die-cut pieces or continuous rolls.

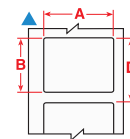
| Diagram          | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll |
|------------------|-----------------|----------------|--------------------|---------------------|--------------------|---------------------------|
| B-422: Polyester |                 |                |                    |                     |                    |                           |
| ▲                | M-89-422        | Black on White | 12.70              | 38.10               | —                  | 180                       |
| ▲                | M-7-422         | Black on White | 12.70              | 12.70               | —                  | 280                       |
| ▲                | M-90-422        | Black on White | 19.05              | 38.10               | —                  | 180                       |
| ▲                | M-47-422        | Black on White | 25.40              | 12.70               | —                  | 480                       |
| ▲                | M-49-422        | Black on White | 25.40              | 25.40               | —                  | 260                       |
| ▲                | M-17-422        | Black on White | 25.40              | 12.70               | —                  | 360                       |
| ▲                | M-30-422        | Black on White | 38.10              | 19.05               | —                  | 200                       |
| ⊙                | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1                         |
| ⊙                | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1                         |
| ⊙                | MC-500-422      | Black on White | 12.70              | —                   | 7.62 m             | 1                         |
| ⊙                | MC-625-422      | Black on White | 15.88              | —                   | 7.62 m             | 1                         |
| ⊙                | MC1-1000-422    | Black on White | 25.40              | —                   | 7.62 m             | 1                         |



## LOW SURFACE ENERGY/ POWDER COATED SURFACE LABELS

Adheres to difficult low-surface energy items such as PVC piping, moulded equipment cases, ABS and recycled plastics.

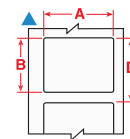
| Diagram          | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Labels per Cartridge/Roll |
|------------------|-----------------|----------------|--------------------|---------------------|---------------------------|
| B-483: Polyester |                 |                |                    |                     |                           |
| ▲                | M-61-483        | Black on White | 12.70              | 50.80               | 80                        |
| ▲                | M-60-483        | Black on White | 25.40              | 50.80               | 140                       |
| ▲                | M-47-483        | Black on White | 25.40              | 12.70               | 480                       |



## TAMPER-RESISTANT LABELS

Destructible vinyl material prohibits one piece removal of label to indicate if the label has been tampered with.

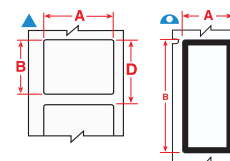
| Diagram                       | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Labels per Cartridge/Roll |
|-------------------------------|-----------------|----------------|--------------------|---------------------|---------------------------|
| B-351: Tamper-resistant Vinyl |                 |                |                    |                     |                           |
| ▲                             | M-17-351        | Black on White | 25.40              | 12.70               | 360                       |
| ▲                             | M-20-351        | Black on White | 25.40              | 50.80               | 160                       |



## RATING PLATE LABELS

Create serial or rating plates with barcodes, graphics and more.

| Diagram                     | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Labels per Cartridge/Roll |
|-----------------------------|-----------------|-----------------|--------------------|---------------------|---------------------------|
| B-428: Metallised Polyester |                 |                 |                    |                     |                           |
| ▲                           | M-92-428-BB     | Black on Silver | 12.70              | 33.02               | 239                       |
| ▲                           | M-47-428        | Black on Silver | 25.40              | 12.70               | 480                       |
| ▲                           | M-60-428        | Black on Silver | 25.40              | 50.80               | 140                       |
| ▲                           | M-29-428        | Black on Silver | 38.10              | 12.70               | 360                       |
| B-432: Polyester            |                 |                 |                    |                     |                           |
| ▲                           | M-17-432-CL-BK  | Black on Clear  | 25.40              | 12.70               | 280                       |
| ▲                           | M-78-432-CL-BK  | Black on Clear  | 25.40              | 48.26               | 100                       |

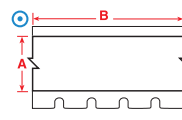
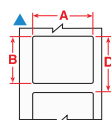


Full Material Properties on page 168



## GENERAL INDUSTRIAL LABELS

Choose from several materials with aggressive adhesives for use in commercial/industrial applications, including low surface energy and textured surfaces.

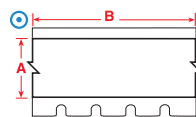


| Diagram                 | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|-------------------------|-----------------|----------------|--------------------|---------------------|--------------------|----------------------------|
| <b>B-422: Polyester</b> |                 |                |                    |                     |                    |                            |
| ▲                       | M-89-422        | Black on White | 12.70              | 38.10               |                    | 180                        |
| ▲                       | M-7-422         | Black on White | 12.70              | 12.70               |                    | 280                        |
| ▲                       | M-90-422        | Black on White | 19.05              | 38.10               |                    | 180                        |
| ▲                       | M-49-422        | Black on White | 25.40              | 25.40               |                    | 260                        |
| ▲                       | M-17-422        | Black on White | 25.40              | 12.70               |                    | 360                        |
| ▲                       | M-30-422        | Black on White | 38.10              | 19.05               |                    | 200                        |
| <b>B-483: Polyester</b> |                 |                |                    |                     |                    |                            |
| ▲                       | M-61-483        | Black on White | 12.70              | 50.80               |                    | 80                         |
| ▲                       | M-60-483        | Black on White | 25.40              | 50.80               |                    | 140                        |
| ▲                       | M-47-483        | Black on White | 25.40              | 12.70               |                    | 480                        |

| Diagram                   | Order Reference    | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|---------------------------|--------------------|----------------|--------------------|---------------------|--------------------|----------------------------|
| <b>B-499: Nylon Cloth</b> |                    |                |                    |                     |                    |                            |
| ▲                         | M-11-499           | Black on White | 19.05              | 12.70               |                    | 220                        |
| ▲                         | M-84-499           | Black on White | 22.86              | 12.70               |                    | 200                        |
| ▲                         | M-78-499           | Black on White | 25.40              | 25.40               |                    | 100                        |
| ▲                         | M-132-499          | Black on White | 38.10              | 31.75               |                    | 160                        |
| ○                         | MC-375-499         | Black on White | 9.53               | -                   | 4.88 m             | 1                          |
| ○                         | MC-500-499         | Black on White | 12.70              | -                   | 4.88 m             | 1                          |
| ○                         | MC-750-499         | Black on White | 19.05              | -                   | 4.88 m             | 1                          |
| ○                         | MC-1000-499        | Black on White | 25.40              | -                   | 4.88 m             | 1                          |
| <b>B-595: Vinyl</b>       |                    |                |                    |                     |                    |                            |
| ○                         | MC-500-595-RD-WT   | White on Red   | 12.70              | -                   | 7.62 m             | 1                          |
| ○                         | MC-750-595-RD-WT   | White on Red   | 19.05              | -                   | 7.62 m             | 1                          |
| ○                         | MC1-1000-595-RD-WT | White on Red   | 25.40              | -                   | 7.62 m             | 1                          |
| ○                         | MC-1500-595-RD-WT  | White on Red   | 38.10              | -                   | 7.62 m             | 1                          |

## INDOOR/OUTDOOR GRADE FACILITY LABELS

Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Excellent resistance to oils, detergents, dirt, grime and many solvents. Lasts up to 8-10 years outdoors.\*



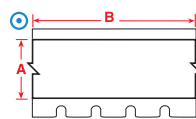
| Diagram             | Order Reference    | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|---------------------|--------------------|-----------------|--------------------|--------------------|----------------------------|
| <b>B-595: Vinyl</b> |                    |                 |                    |                    |                            |
| ○                   | MC-500-595-CL-BK   | Black on Clear  | 12.70              | 6.10 m             | 1                          |
| ○                   | MC-750-595-CL-BK   | Black on Clear  | 19.05              | 6.10 m             | 1                          |
| ○                   | MC1-1000-595-CL-BK | Black on Clear  | 25.40              | 6.10 m             | 1                          |
| ○                   | MC-1500-595-CL-BK  | Black on Clear  | 38.10              | 6.10 m             | 1                          |
| ○                   | MC-500-595-OR-BK   | Black on Orange | 12.70              | 7.62 m             | 1                          |
| ○                   | MC-750-595-OR-BK   | Black on Orange | 19.05              | 7.62 m             | 1                          |
| ○                   | MC1-1000-595-OR-BK | Black on Orange | 25.40              | 7.62 m             | 1                          |
| ○                   | MC-1500-595-OR-BK  | Black on Orange | 38.10              | 7.62 m             | 1                          |
| ○                   | MC-375-595-WT-BK   | Black on White  | 9.53               | 7.62 m             | 1                          |
| ○                   | MC-500-595-WT-BK   | Black on White  | 12.70              | 7.62 m             | 1                          |
| ○                   | MC-750-595-WT-BK   | Black on White  | 19.05              | 7.62 m             | 1                          |
| ○                   | MC1-1000-595-WT-BK | Black on White  | 25.40              | 7.62 m             | 1                          |
| ○                   | MC-1500-595-WT-BK  | Black on White  | 38.10              | 7.62 m             | 1                          |
| ○                   | MC-375-595-YL-BK   | Black on Yellow | 9.53               | 7.62 m             | 1                          |
| ○                   | MC-500-595-YL-BK   | Black on Yellow | 12.70              | 7.62 m             | 1                          |
| ○                   | MC-750-595-YL-BK   | Black on Yellow | 19.05              | 7.62 m             | 1                          |
| ○                   | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | 7.62 m             | 1                          |
| ○                   | MC-1500-595-YL-BK  | Black on Yellow | 38.10              | 7.62 m             | 1                          |
| ○                   | MC-500-595-WT-RD   | Red on White    | 12.70              | 7.62 m             | 1                          |
| ○                   | MC-750-595-WT-RD   | Red on White    | 19.05              | 7.62 m             | 1                          |
| ○                   | MC1-1000-595-WT-RD | Red on White    | 25.40              | 7.62 m             | 1                          |
| ○                   | MC-1500-595-WT-RD  | Red on White    | 38.10              | 7.62 m             | 1                          |

| Diagram | Order Reference    | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|---------|--------------------|----------------|--------------------|--------------------|----------------------------|
| ○       | MC-500-595-BK-WT   | White on Black | 12.70              | 7.62 m             | 1                          |
| ○       | MC-750-595-BK-WT   | White on Black | 19.05              | 7.62 m             | 1                          |
| ○       | MC1-1000-595-BK-WT | White on Black | 25.40              | 7.62 m             | 1                          |
| ○       | MC-1500-595-BK-WT  | White on Black | 38.10              | 7.62 m             | 1                          |
| ○       | MC-500-595-BL-WT   | White on Blue  | 12.70              | 7.62 m             | 1                          |
| ○       | MC-750-595-BL-WT   | White on Blue  | 19.05              | 7.62 m             | 1                          |
| ○       | MC1-1000-595-BL-WT | White on Blue  | 25.40              | 7.62 m             | 1                          |
| ○       | MC-1500-595-BL-WT  | White on Blue  | 38.10              | 7.62 m             | 1                          |
| ○       | MC-500-595-CL-WT   | White on Clear | 12.70              | 6.10 m             | 1                          |
| ○       | MC-750-595-CL-WT   | White on Clear | 19.05              | 6.10 m             | 1                          |
| ○       | MC1-1000-595-CL-WT | White on Clear | 25.40              | 6.10 m             | 1                          |
| ○       | MC-1500-595-CL-WT  | White on Clear | 38.10              | 6.10 m             | 1                          |
| ○       | MC-500-595-GN-WT   | White on Green | 12.70              | 7.62 m             | 1                          |
| ○       | MC-750-595-GN-WT   | White on Green | 19.05              | 7.62 m             | 1                          |
| ○       | MC1-1000-595-GN-WT | White on Green | 25.40              | 7.62 m             | 1                          |
| ○       | MC-1500-595-GN-WT  | White on Green | 38.10              | 7.62 m             | 1                          |
| ○       | MC-500-595-RD-WT   | White on Red   | 12.70              | 7.62 m             | 1                          |
| ○       | MC-750-595-RD-WT   | White on Red   | 19.05              | 7.62 m             | 1                          |
| ○       | MC1-1000-595-RD-WT | White on Red   | 25.40              | 7.62 m             | 1                          |
| ○       | MC-1500-595-RD-WT  | White on Red   | 38.10              | 7.62 m             | 1                          |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlaminate is recommended for harsh environments - long term exposure to wind and rain.

## HIGHLY REFLECTIVE IDENTIFICATION

Ideal for reading labels in low light conditions.



| Diagram                       | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|-------------------------------|-----------------|----------------|--------------------|--------------------|----------------------------|
| <b>B-584: Reflective Tape</b> |                 |                |                    |                    |                            |
| ○                             | MC-500-584      | Black on White | 12.70              | 6.10 m             | 1                          |
| ○                             | MC-750-584      | Black on White | 19.05              | 6.10 m             | 1                          |
| ○                             | MC-1000-584     | Black on White | 25.40              | 6.10 m             | 1                          |
| ○                             | MC-1500-584     | Black on White | 38.10              | 6.10 m             | 1                          |

| Diagram | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/ Roll |
|---------|-----------------|-----------------|--------------------|--------------------|----------------------------|
| ○       | MC-500-584-YL   | Black on Yellow | 12.70              | 6.10 m             | 1                          |
| ○       | MC-750-584-YL   | Black on Yellow | 19.05              | 6.10 m             | 1                          |
| ○       | MC-1000-584-YL  | Black on Yellow | 25.40              | 6.10 m             | 1                          |
| ○       | MC-1500-584-YL  | Black on Yellow | 38.10              | 6.10 m             | 1                          |



## BMP™71 LABEL PRINTER

The BMP71 mobile label printer can print on more than 30 different types of label material – all designed with Brady's industrial-strength durability. Whether you need heat-shrink sleeves, die-cut labels or indoor/outdoor vinyl, you can be confident that the BMP71 printer has the right label material for your application.

### Speed up your labelling

The powerful BMP71 prints faster than any other printer in its class (38 mm/sec). Don't wait longer than necessary for your labels.

### The full keyboard lets you type labels in less time

The BMP71 has a full keyboard, available in 4 different versions: QWERTY, AZERTY, QWERTZ and CYRILLIC. Use both your hands to type your label instead of one finger and save time!

### The enlarged full colour screen makes your label printing so much easier

The enlarged screen of the BMP71 enables you to see the whole label at once, helping you to compose the label in the most efficient way, eliminating trial and error!

### One smart printer to print it all

The BMP71 is your essential tool that handles all your label printing needs.

## BMP™71 LABEL PRINTER

| Art. No. | Order Reference   | Description                                                         |
|----------|-------------------|---------------------------------------------------------------------|
| 710599   | BMP71-QWERTY-EU   | BMP71 Label Printer with QWERTY Keyboard - EU Power Supply - 220V   |
| 710600   | BMP71-QWERTY-UK   | BMP71 Label Printer with QWERTY keyboard - UK Power Supply - 240V   |
| 710601   | BMP71-AZERTY-EU   | BMP71 Label Printer with AZERTY Keyboard - EU Power Supply - 220V   |
| 710603   | BMP71-QWERTZ-EU   | BMP71 Label Printer with QWERTZ Keyboard - EU Power Supply - 220V   |
| 710604   | BMP71-CYRILLIC-EU | BMP71 Label Printer with CYRILLIC Keyboard - EU Power Supply - 220V |

Printer, Hard Carry Case, 2 Label Rolls, 1 Black Ribbon Cartridge, Rechargeable Battery Pack, AC Adaptor, USB Communications Cable, TLS2200® / HandiMark™ Material Roll Adaptor, Quick Start Guide, Product CD (w/ Printer Driver, Tutorials, Full User's Guide), Cleaning Kit

## BMP™71 ACCESSORIES

| Art. No. | Order Reference    | Description                 |
|----------|--------------------|-----------------------------|
| 114881   | M71-HC             | Hard-sided Carry Case       |
| 114882   | M71-SC             | Soft Carry Case             |
| 114883   | M41-50-71-AC-BC-NA | AC Adaptor - NA 120V        |
| 114884   | M71-QC-US          | Quick Charger - US 120V     |
| 114885   | M71-BATT           | Spare Battery               |
| 114886   | M71-CLEAN          | Cleaning Kit                |
| 114887   | M71-ADAPT          | Roll Adaptor for TLS/HM     |
| 710612   | M41-50-71-AC-BC-EU | AC Adaptor - Europe 220V    |
| 710613   | M41-50-71-AC-BC-UK | AC Adaptor - UK 240V        |
| 710614   | M71-QC-EU          | Quick Charger - Europe 220V |
| 710615   | M71-QC-UK          | Quick Charger - UK 240V     |



## The one way to faster, easier label printing.



Electrical Labelling



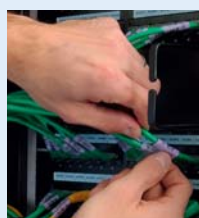
Voice & Data Communications



General Identification



PermaSleeve™ Wire Marking Sleeves



Self-laminating Labels



Safety Labels  
...and many more!

## Printer Specifications

|                                         |                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish |
| Software Compatibility                  | LabelMark, MarkWare                                                                                                                                                          |
| Bar Code Capability                     | Code 39 and 128, other via software                                                                                                                                          |
| Recommended Usage per Day               | 1000                                                                                                                                                                         |
| Built-in Symbols                        | 500+ symbols included                                                                                                                                                        |
| Colour Capability                       | Monocolour                                                                                                                                                                   |
| Stand-alone Printing (Detached from PC) | Yes                                                                                                                                                                          |
| Connectivity Options                    | USB                                                                                                                                                                          |
| Internal Memory Capacity                | 200 MB - up to 100.000 labels                                                                                                                                                |
| Print Speed (mm/sec)                    | 38.10                                                                                                                                                                        |
| Print Technology                        | Thermal Transfer                                                                                                                                                             |
| Print Resolution (dpi)                  | 300 dpi                                                                                                                                                                      |
| Smart Cell                              | Yes                                                                                                                                                                          |
| Text Sizes                              | 4 to 174 pt                                                                                                                                                                  |
| Serialisation                           | Multiple & Linked                                                                                                                                                            |
| Max. Label Width                        | 50.80 mm                                                                                                                                                                     |
| Max. Print Width                        | 45.97 mm                                                                                                                                                                     |
| Materials Supported                     | Over 400 Stock Parts, Continuous, Die Cut and Bulk Label Rolls                                                                                                               |
| Label Dimensions                        | –                                                                                                                                                                            |
| Keyboard Type                           | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                             |
| Display                                 | Large, backlit colour LCD display with on screen indicators                                                                                                                  |
| Cutter                                  | Durable, self cleaning cutter                                                                                                                                                |
| Power Supply                            | Rechargeable NiMH Battery, AC Power                                                                                                                                          |
| Height x Width x Depth                  | 116.80 mm x 241.30 mm x 332.70 mm                                                                                                                                            |
| Weight (kg)                             | 2.49                                                                                                                                                                         |

## BMP™71 LABEL PRINTER WITH SOFTWARE



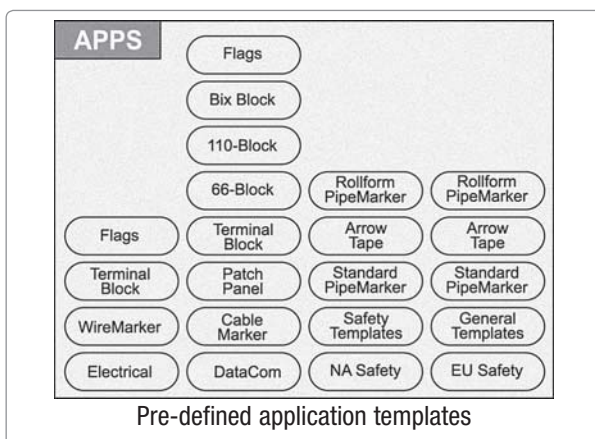
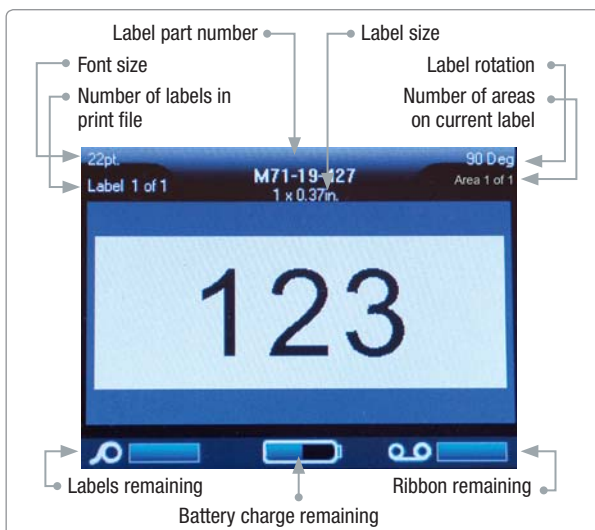
### Easy way to create labels on your PC with LabelMark™ Labelling Software

Brady's LabelMark™ software lets you easily create labels for Asset ID, Component Marking, Telecom/Datacom Labelling, Wire Markers and more. It allows users to design, edit and print their Brady labels. Integrates completely with Microsoft® Office, AutoCAD® applications and more.



### Enhance your labels with advanced graphics and symbols with MarkWare™ software

With Brady's MarkWare™ software you can combine text with graphics, symbols and barcodes. Labels can be used as visual tools throughout your facility. For lean enterprises, Brady's MarkWare™ software provides additional graphics and templates for Signs, Labels and Tags - perfect for 5S, TPM and lean visuals.



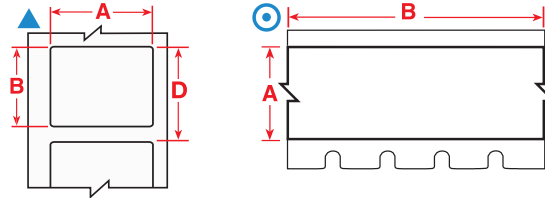
| Art. No. | Order Reference             | Description                                   |
|----------|-----------------------------|-----------------------------------------------|
| 710627   | BMP71-AZERTY-EU + LM        | BMP71-AZERTY-EU with LabelMark                |
| 710628   | BMP71-CYRILLIC-EU + LM      | BMP71-CYRILLIC-EU with LabelMark              |
| 710629   | BMP71-QWERTY-EU + LM        | BMP71-QWERTY-EU with LabelMark                |
| 710630   | BMP71-QWERTY-UK + LM        | BMP71-QWERTY-UK with LabelMark                |
| 710631   | BMP71-QWERTZ-EU + LM        | BMP71-QWERTZ-EU with LabelMark                |
| 710632   | BMP71-AZERTY-EU + MW        | BMP71-AZERTY-EU with MarkWare                 |
| 710633   | BMP71-CYRILLIC-EU + MW      | BMP71-CYRILLIC-EU with MarkWare               |
| 710634   | BMP71-QWERTY-EU + MW        | BMP71-QWERTY-EU with MarkWare                 |
| 710635   | BMP71-QWERTY-UK + MW        | BMP71-QWERTY-UK with MarkWare                 |
| 710636   | BMP71-QWERTZ-EU + MW        | BMP71-QWERTZ-EU with MarkWare                 |
| 710637   | BMP71-AZERTY-EU + LM + MW   | BMP71-AZERTY-EU with LabelMark and MarkWare   |
| 710638   | BMP71-CYRILLIC-EU + LM + MW | BMP71-CYRILLIC-EU with LabelMark and MarkWare |
| 710639   | BMP71-QWERTY-EU + LM + MW   | BMP71-QWERTY-EU with LabelMark and MarkWare   |
| 710640   | BMP71-QWERTY-UK + LM + MW   | BMP71-QWERTY-UK with LabelMark and MarkWare   |
| 710641   | BMP71-QWERTZ-EU + LM + MW   | BMP71-QWERTZ-EU with LabelMark and MarkWare   |





## GENERAL INDUSTRIAL LABELS

- Choose from several materials with aggressive adhesives for use in commercial/ industrial applications, including low surface energy and textured surfaces.
- Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Excellent resistance to oils, detergents, dirt, grime and many solvents.



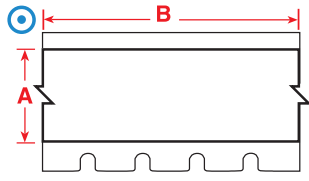
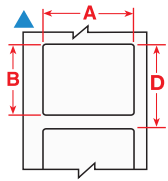
| Diagram                     | Order Reference | Colour | Finish | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|-----------------------------|-----------------|--------|--------|-----------------------|------------------------|-----------------------|---------------------------|------------------------------|-------------------|
| <b>B-422: Polyester</b>     |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                           | BM71-20-422     | White  | Gloss  | 25.40                 | 50.80                  |                       | 53.98                     | 1000                         | M71-R6000HF       |
| ▲                           | M71-30-422      | White  | Gloss  | 38.10                 | 19.05                  |                       | 22.23                     | 250                          | M71-R6000HF       |
| ▲                           | M71-45-422      | White  | Gloss  | 38.10                 | 9.53                   |                       | 12.70                     | 500                          | M71-R6000HF       |
| ▲                           | M71-37-422      | White  | Gloss  | 76.20                 | 48.26                  |                       | 79.38                     | 100                          | M71-R6000HF       |
| ⊙                           | M71C-375-422    | White  | Gloss  | 9.53                  | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-475-422    | White  | Gloss  | 12.07                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-500-422    | White  | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-625-422    | White  | Gloss  | 15.88                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1000-422   | White  | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1900-422   | White  | Gloss  | 48.26                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| <b>B-430: Polyester</b>     |                 |        |        |                       |                        |                       |                           |                              |                   |
| ⊙                           | M71C-375-430    | Clear  | Gloss  | 9.53                  | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1000-430   | Clear  | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1900-430   | Clear  | Gloss  | 48.26                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| <b>B-483: Polyester</b>     |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                           | M71-16-483      | White  | Gloss  | 25.40                 | 9.53                   |                       | 12.70                     | 500                          | M71-R6000HF       |
| ▲                           | M71-19-483      | White  | Gloss  | 25.40                 | 25.40                  |                       | 28.58                     | 250                          | M71-R6000HF       |
| ▲                           | M71-23-483      | White  | Gloss  | 25.40                 | 101.60                 |                       | 104.78                    | 100                          | M71-R6000HF       |
| ▲                           | M71-17-483      | White  | Gloss  | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                           | M71-20-483      | White  | Gloss  | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R6000HF       |
| ▲                           | M71-29-483      | White  | Gloss  | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                           | M71-30-483      | White  | Gloss  | 38.10                 | 19.05                  |                       | 22.23                     | 250                          | M71-R6000HF       |
| ▲                           | M71-31-483      | White  | Gloss  | 38.10                 | 25.40                  |                       | 28.58                     | 250                          | M71-R6000HF       |
| ▲                           | M71-38-483      | White  | Gloss  | 48.26                 | 101.60                 |                       | 104.78                    | 100                          | M71-R6000HF       |
| ▲                           | M71-37-483      | White  | Gloss  | 76.20                 | 48.26                  |                       | 79.38                     | 100                          | M71-R6000HF       |
| ⊙                           | M71C-500-483    | White  | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1000-483   | White  | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-1900-483   | White  | Gloss  | 48.26                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| <b>B-489: Polyester</b>     |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                           | M71-17-489      | White  | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6200         |
| ▲                           | M71-29-489      | White  | Matt   | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6200         |
| ▲                           | M71-32-489      | White  | Matt   | 38.10                 | 38.10                  |                       | 41.28                     | 250                          | M71-R6200         |
| ▲                           | M71-38-489      | White  | Matt   | 48.26                 | 101.60                 |                       | 104.78                    | 100                          | M71-R6200         |
| <b>B-529: Polypropylene</b> |                 |        |        |                       |                        |                       |                           |                              |                   |
| ⊙                           | M71C-1000-529   | White  | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙                           | M71C-2000-529   | White  | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |

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**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.



## GENERAL INDUSTRIAL LABELS (CONTINUED)



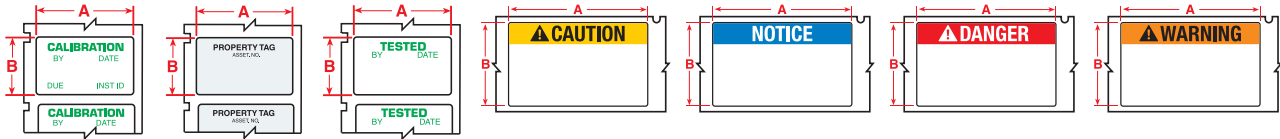
| Diagram      | Order Reference  | Colour     | Finish | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|--------------|------------------|------------|--------|-----------------------|------------------------|-----------------------|---------------------------|------------------------------|-------------------|
| B-595: Vinyl |                  |            |        |                       |                        |                       |                           |                              |                   |
| ⊙            | M71C-500-595-BK  | Black      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-BL  | Blue       | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-BR  | Brown      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-CL  | Clear      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-GD  | Gold       | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-GN  | Green      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-GY  | Grey       | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-LB  | Light Blue | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-OC  | Ochre      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-OR  | Orange     | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-PK  | Pink       | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-PL  | Purple     | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-RD  | Red        | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-SB  | Sky Blue   | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-TN  | Tan        | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-WT  | White      | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-500-595-YL  | Yellow     | Gloss  | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-BK | Black      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-BL | Blue       | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-BR | Brown      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-CL | Clear      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-GD | Gold       | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-GN | Green      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-GY | Grey       | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-LB | Light Blue | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-OC | Ochre      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-OR | Orange     | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-PK | Pink       | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-PL | Purple     | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-RD | Red        | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-SB | Sky Blue   | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-TN | Tan        | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-WT | White      | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-1000-595-YL | Yellow     | Gloss  | 25.40                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-BK | Black      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-BL | Blue       | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-BR | Brown      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-CL | Clear      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-GD | Gold       | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-GN | Green      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-GY | Grey       | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-LB | Light Blue | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-OC | Ochre      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-OR | Orange     | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-PK | Pink       | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-PL | Purple     | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-RD | Red        | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-SB | Sky Blue   | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-TN | Tan        | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-WT | White      | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |
| ⊙            | M71C-2000-595-YL | Yellow     | Gloss  | 50.80                 | —                      | 15.24 m               | —                         | 1                            | M71-R6000HF       |

**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

# BMP™71 Label Printer - General and Industrial ID Labels

## PRE-PRINTED LABELS

- BMP71 printable labels with pre-printed headers allow customers to print variable information next to highly visible titles.

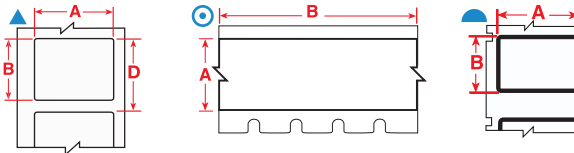


| Order Reference                    | Legend       | Colour                  | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|------------------------------------|--------------|-------------------------|--------|--------------------|---------------------|------------------------|---------------------------|----------------|
| <b>B-428: Metallised Polyester</b> |              |                         |        |                    |                     |                        |                           |                |
| M71-30-428-CALI                    | CALIBRATION  | Green on Silver         | Matt   | 38.10              | 19.05               | 22.23                  | 250                       | M71-R4300      |
| M71-35-428-PROP                    | PROPERTY TAG | Black on Silver         | Matt   | 41.40              | 19.05               | 22.23                  | 250                       | M71-R4300      |
| <b>B-423: Polyester</b>            |              |                         |        |                    |                     |                        |                           |                |
| M71-30-423-TEST                    | TESTED       | Green on White          | Gloss  | 38.10              | 19.05               | 22.23                  | 250                       | M71-R6000HF    |
| <b>B-483: Polyester</b>            |              |                         |        |                    |                     |                        |                           |                |
| M71-38-483-CAUT                    | CAUTION      | Black on Yellow & White | Gloss  | 48.26              | 101.60              | 104.78                 | 100                       | M71-R6000HF    |
| M71-38-483-NOTI                    | NOTICE       | Blue on White           | Gloss  | 48.26              | 101.60              | 104.78                 | 100                       | M71-R6000HF    |
| M71-38-483-DANG                    | DANGER       | Red & White             | Gloss  | 48.26              | 101.60              | 104.78                 | 100                       | M71-R6000HF    |
| M71-38-483-WARN                    | WARNING      | Black & Orange on White | Gloss  | 48.26              | 101.60              | 104.78                 | 100                       | M71-R6000HF    |

## RATING, NAMEPLATE LABELS



- Choose from several materials with aggressive adhesives for use in commercial/ industrial applications, including low surface energy and textured surfaces.



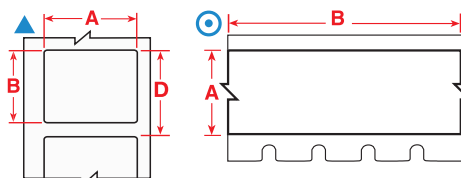
| Diagram                 | Order Reference | Colour                         | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|-------------------------|-----------------|--------------------------------|--------|--------------------|---------------------|--------------------|------------------------|---------------------------|----------------|
| <b>B-422: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                |
| ▲                       | M71-30-422      | White                          | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R6000HF    |
| ▲                       | M71-37-422      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ○                       | M71C-375-422    | White                          | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-475-422    | White                          | Gloss  | 12.07              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-625-422    | White                          | Gloss  | 15.88              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1000-422   | White                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1900-422   | White                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| <b>B-423: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                |
| ▲                       | M71-22-423      | White                          | Gloss  | 25.40              | 76.20               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ▲                       | M71-23-423      | White                          | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                       | BM71-19-423     | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 2500                      | M71-R6000HF    |
| ▲                       | M71-19-423      | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF    |
| ◐                       | M71-24-423-BK   | White with 1.6 mm Black Border | Gloss  | 28.70              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF    |
| ▲                       | M71-25-423      | White                          | Gloss  | 31.75              | 6.35                |                    | 9.53                   | 750                       | M71-R6000HF    |
| ▲                       | M71-26-423      | White                          | Gloss  | 31.75              | 69.85               |                    | 73.03                  | 100                       | M71-R6000HF    |
| ▲                       | M71-38-423      | White                          | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                       | M71-37-423      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ○                       | M71C-500-423    | White                          | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| <b>B-430: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                |
| ○                       | M71C-375-430    | Clear                          | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1000-430   | Clear                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1900-430   | Clear                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| <b>B-483: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                |
| ▲                       | M71-16-483      | White                          | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500                       | M71-R6000HF    |
| ▲                       | M71-19-483      | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF    |
| ▲                       | M71-23-483      | White                          | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                       | M71-17-483      | White                          | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF    |
| ▲                       | M71-20-483      | White                          | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF    |
| ▲                       | M71-29-483      | White                          | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF    |
| ▲                       | M71-30-483      | White                          | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R6000HF    |
| ▲                       | M71-38-483      | White                          | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                       | M71-37-483      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ○                       | M71C-500-483    | White                          | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1000-483   | White                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |
| ○                       | M71C-1900-483   | White                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF    |

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

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Full Material Properties on page 168

## RATING, NAMEPLATE LABELS (CONTINUED)



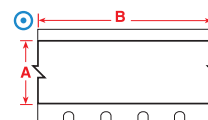
| Diagram                            | Order Reference | Colour | Finish | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|------------------------------------|-----------------|--------|--------|-----------------------|------------------------|-----------------------|---------------------------|------------------------------|-------------------|
| <b>B-488: Polyester</b>            |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-80-488      | White  | Matt   | 19.05                 | 22.86                  |                       | 28.58                     | 250                          | M71-R4300         |
| ▲                                  | M71-97-488      | White  | Matt   | 22.86                 | 22.86                  |                       | 28.58                     | 250                          | M71-R4300         |
| ▲                                  | M71-81-488      | White  | Matt   | 48.26                 | 6.35                   |                       | 9.53                      | 750                          | M71-R4300         |
| <b>B-489: Polyester</b>            |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-17-489      | White  | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6200         |
| ▲                                  | M71-29-489      | White  | Matt   | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6200         |
| ▲                                  | M71-38-489      | White  | Matt   | 48.26                 | 101.60                 |                       | 104.78                    | 100                          | M71-R6200         |
| <b>B-424: Paper</b>                |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-20-424      | White  | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R4300         |
| ▲                                  | BM71-20-424     | White  | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 1000                         | M71-R4300         |
| <b>B-499: Nylon Cloth</b>          |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-84-499      | White  | Matt   | 22.86                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| ▲                                  | M71-30-499      | White  | Matt   | 38.10                 | 19.05                  |                       | 22.23                     | 250                          | M71-R4300         |
| ▲                                  | M71-78-499      | White  | Matt   | 48.26                 | 25.40                  |                       | 28.58                     | 250                          | M71-R4300         |
| ▲                                  | M71-81-499      | White  | Matt   | 48.26                 | 6.35                   |                       | 9.53                      | 750                          | M71-R4300         |
| <b>B-428: Metallised Polyester</b> |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-17-428      | Silver | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| ▲                                  | M71-20-428      | Silver | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R4300         |
| ▲                                  | M71-22-428      | Silver | Matt   | 25.40                 | 76.20                  |                       | 79.38                     | 100                          | M71-R4300         |
| ▲                                  | BM71-17-428     | Silver | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 5000                         | M71-R4300         |
| ▲                                  | BM71-20-428     | Silver | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 1000                         | M71-R4300         |
| ▲                                  | M71-26-428      | Silver | Matt   | 31.75                 | 69.85                  |                       | 73.03                     | 100                          | M71-R4300         |
| ▲                                  | M71-29-428      | Silver | Matt   | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| ▲                                  | M71-38-428      | Silver | Matt   | 48.26                 | 101.60                 |                       | 104.78                    | 100                          | M71-R4300         |
| ⊙                                  | M71C-500-428    | Silver | Matt   | 12.70                 | —                      | 15.24 m               | —                         | 1                            | M71-R4300         |
| <b>B-486: Metallised Polyester</b> |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                  | M71-17-486      | Silver | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| ▲                                  | M71-20-486      | Silver | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R4300         |
| ▲                                  | M71-29-486      | Silver | Matt   | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| ▲                                  | M71-30-486      | Silver | Matt   | 38.10                 | 19.05                  |                       | 22.23                     | 250                          | M71-R4300         |
| ▲                                  | M71-37-486      | Silver | Matt   | 76.20                 | 48.26                  |                       | 79.38                     | 100                          | M71-R4300         |



## REPOSITIONABLE VINYL

- Best choice for indoor marking where frequent repositioning is required, such as shelves. Special adhesive allows easy removal of label to re-apply again and again.

| Diagram             | Order Reference  | Colour | Finish | Label Width<br>A (mm) | Label Length<br>B (m) | Printer<br>Ribbon |
|---------------------|------------------|--------|--------|-----------------------|-----------------------|-------------------|
| <b>B-581: Vinyl</b> |                  |        |        |                       |                       |                   |
| ⊙                   | M71C-500-581-WT  | White  | Gloss  | 12.70                 | 15.24 m               | M71-R6000HF       |
| ⊙                   | M71C-500-581-YL  | Yellow | Gloss  | 12.70                 | 15.24 m               | M71-R6000HF       |
| ⊙                   | M71C-1000-581-WT | White  | Gloss  | 25.40                 | 15.24 m               | M71-R6000HF       |
| ⊙                   | M71C-1000-581-YL | Yellow | Gloss  | 25.40                 | 15.24 m               | M71-R6000HF       |
| ⊙                   | M71C-2000-581-WT | White  | Gloss  | 50.80                 | 15.24 m               | M71-R6000HF       |
| ⊙                   | M71C-2000-581-YL | Yellow | Gloss  | 50.80                 | 15.24 m               | M71-R6000HF       |



**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

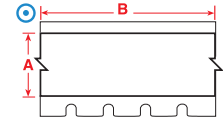
# BMP™71 Label Printer - General and Industrial ID Labels



## REFLECTIVE VINYL

- The reflective quality of this material makes it ideal for reading labels in low light conditions (with flashlights).

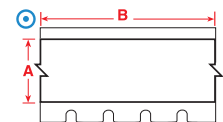
| Diagram                | Order Reference   | Colour | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon |
|------------------------|-------------------|--------|--------|--------------------|--------------------|----------------|
| B-584: Reflective Tape |                   |        |        |                    |                    |                |
|                        | BM71C-1000-584-OR | Orange | Gloss  | 25.40              | 22.86 m            | M71-R6000HF    |
|                        | BM71C-1000-584-WT | White  | Gloss  | 25.40              | 22.86 m            | M71-R6000HF    |
|                        | BM71C-1000-584-YL | Yellow | Gloss  | 25.40              | 22.86 m            | M71-R6000HF    |
|                        | BM71C-2000-584-OR | Orange | Gloss  | 50.80              | 22.86 m            | M71-R6000HF    |
|                        | BM71C-2000-584-WT | White  | Gloss  | 50.80              | 22.86 m            | M71-R6000HF    |
|                        | BM71C-2000-584-YL | Yellow | Gloss  | 50.80              | 22.86 m            | M71-R6000HF    |



## PHOTOLUMINESCENT POLYESTER TAPES

- Glow-in-the-dark material. Ideal for exit and directional signs, identification of fire alarms and extinguishers, low location egress pathway markings, and directional systems for escape or evacuation routes.

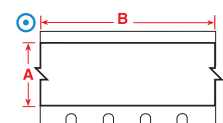
| Diagram                           | Order Reference | Colour           | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon |
|-----------------------------------|-----------------|------------------|--------|--------------------|--------------------|----------------|
| B-582: Photoluminescent Polyester |                 |                  |        |                    |                    |                |
|                                   | BM71C-1000-582  | Photoluminescent | Gloss  | 25.40              | 22.86 m            | M71-R6000HF    |
|                                   | BM71C-2000-582  | Photoluminescent | Gloss  | 50.80              | 22.86 m            | M71-R6000HF    |



## TOUGHSTRIPE™ AREA MARKING TAPE

- Create custom-printed floor labels, with easy 3-step process: print label, position on floor, apply overlamine.
- Each kit includes 1 roll of B-483 tape and 1 roll of B-634 overlamine.

| Diagram                                          | Order Reference    | Colour | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon |
|--------------------------------------------------|--------------------|--------|--------|--------------------|--------------------|----------------|
| B-483/B-634: Polyester with Polyester Overlamine |                    |        |        |                    |                    |                |
|                                                  | M71-1000-483-BK-KT | Black  | Gloss  | 25.40              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-1000-483-BL-KT | Blue   | Gloss  | 25.40              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-1000-483-GN-KT | Green  | Gloss  | 25.40              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-1000-483-OR-KT | Orange | Gloss  | 25.40              | 15.24 m            | M71-R6000HF    |
|                                                  | M71-1000-483-RD-KT | Red    | Gloss  | 25.40              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-1000-483-WT-KT | White  | Gloss  | 25.40              | 15.24 m            | M71-R6000HF    |
|                                                  | M71-1000-483-YL-KT | Yellow | Gloss  | 25.40              | 15.24 m            | M71-R6000HF    |
|                                                  | M71-2000-483-BK-KT | Black  | Gloss  | 50.80              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-2000-483-BL-KT | Blue   | Gloss  | 50.80              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-2000-483-GN-KT | Green  | Gloss  | 50.80              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-2000-483-OR-KT | Orange | Gloss  | 50.80              | 15.24 m            | M71-R6000HF    |
|                                                  | M71-2000-483-RD-KT | Red    | Gloss  | 50.80              | 15.24 m            | M71-R4400-WT   |
|                                                  | M71-2000-483-WT-KT | White  | Gloss  | 50.80              | 15.24 m            | M71-R6000HF    |
|                                                  | M71-2000-483-YL-KT | Yellow | Gloss  | 50.80              | 15.24 m            | M71-R6000HF    |



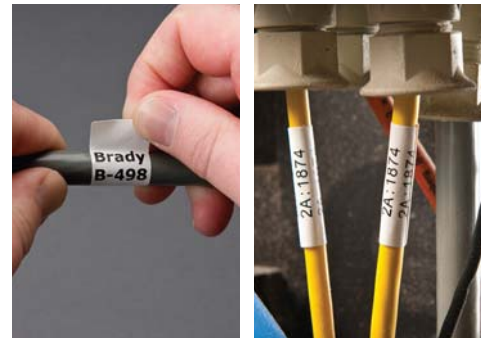
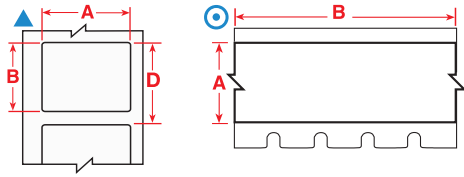
**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 168



## WRAP AROUND LABELS

- Durable vinyl cloth wraps around wire and cable markers are available with either an adhesive that allows the markers to be removed cleanly and reapplied if necessary or made with a permanent adhesive.



| Diagram                   | Order Reference | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Max. Wire<br>Diameter (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|---------------------------|-----------------|--------|-----------------------|------------------------|-----------------------|---------------------------|----------------------------|------------------------------|-------------------|
| <b>B-498: Vinyl Cloth</b> |                 |        |                       |                        |                       |                           |                            |                              |                   |
| ▲                         | M71-16-498      | White  | 9.53                  | 25.40                  | -                     | 12.70                     | 6.06                       | 500                          | M71-R6200         |
| ▲                         | M71-7-498       | White  | 12.70                 | 12.70                  | -                     | 15.88                     | 3.03                       | 500                          | M71-R6200         |
| ▲                         | M71-10-498      | White  | 19.05                 | 6.35                   | -                     | 9.53                      | 4.55                       | 750                          | M71-R6200         |
| ▲                         | BM71-11-498     | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 5000                         | M71-R6200         |
| ▲                         | M71-11-498      | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 500                          | M71-R6200         |
| ▲                         | M71-17-498      | White  | 25.40                 | 12.70                  | -                     | 15.88                     | 6.06                       | 500                          | M71-R6200         |
| ▲                         | M71-18-498      | White  | 25.40                 | 19.05                  | -                     | 22.23                     | 6.06                       | 250                          | M71-R6200         |
| ▲                         | M71-19-498      | White  | 25.40                 | 25.40                  | -                     | 28.58                     | 6.06                       | 250                          | M71-R6200         |
| ▲                         | M71-21-498      | White  | 25.40                 | 63.50                  | -                     | 66.68                     | 15.60                      | 100                          | M71-R6200         |
| ▲                         | BM71-18-498     | White  | 25.40                 | 19.05                  | -                     | 22.23                     | 6.06                       | 2500                         | M71-R6200         |
| ▲                         | BM71-19-498     | White  | 25.40                 | 25.40                  | -                     | 28.58                     | 6.06                       | 2500                         | M71-R6200         |
| ▲                         | M71-29-498      | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 9.10                       | 500                          | M71-R6200         |
| ▲                         | M71-30-498      | White  | 38.10                 | 19.05                  | -                     | 22.23                     | 9.10                       | 250                          | M71-R6200         |
| ▲                         | M71-31-498      | White  | 38.10                 | 25.40                  | -                     | 28.58                     | 9.10                       | 250                          | M71-R6200         |
| ▲                         | M71-32-498      | White  | 38.10                 | 38.10                  | -                     | 41.28                     | 9.10                       | 250                          | M71-R6200         |
| ▲                         | M71-33-498      | White  | 38.10                 | 101.60                 | -                     | 104.78                    | 24.26                      | 100                          | M71-R6200         |
| ▲                         | BM71-29-498     | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 9.10                       | 5000                         | M71-R6200         |
| ◎                         | M71C-500-498    | White  | 12.70                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R6200         |
| ◎                         | M71C-1000-498   | White  | 25.40                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R6200         |
| ◎                         | M71C-1900-498   | White  | 48.26                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R6200         |
| <b>B-499: Nylon Cloth</b> |                 |        |                       |                        |                       |                           |                            |                              |                   |
| ▲                         | M71-16-499      | White  | 9.53                  | 25.40                  | -                     | 12.70                     | 6.06                       | 500                          | M71-R4300         |
| ▲                         | M71-7-499       | White  | 12.70                 | 12.70                  | -                     | 15.88                     | 3.03                       | 500                          | M71-R4300         |
| ▲                         | BM71-11-499     | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 5000                         | M71-R4300         |
| ▲                         | M71-11-499      | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 500                          | M71-R4300         |
| ▲                         | M71-84-499      | White  | 22.86                 | 12.70                  | -                     | 15.88                     | 6.06                       | 500                          | M71-R4300         |
| ▲                         | M71-18-499      | White  | 25.40                 | 19.05                  | -                     | 22.23                     | 6.06                       | 250                          | M71-R4300         |
| ▲                         | M71-19-499      | White  | 25.40                 | 25.40                  | -                     | 28.58                     | 6.06                       | 250                          | M71-R4300         |
| ▲                         | M71-21-499      | White  | 25.40                 | 63.50                  | -                     | 66.68                     | 15.60                      | 100                          | M71-R4300         |
| ▲                         | M71-29-499      | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 9.10                       | 500                          | M71-R4300         |
| ▲                         | M71-30-499      | White  | 38.10                 | 19.05                  | -                     | 22.23                     | 9.10                       | 250                          | M71-R4300         |
| ▲                         | M71-31-499      | White  | 38.10                 | 25.40                  | -                     | 28.58                     | 9.10                       | 250                          | M71-R4300         |
| ▲                         | M71-28-499      | White  | 38.10                 | 6.35                   | -                     | 9.53                      | 9.10                       | 750                          | M71-R4300         |
| ▲                         | M71-78-499      | White  | 48.26                 | 25.40                  | -                     | 28.58                     | 10.00                      | 250                          | M71-R4300         |
| ▲                         | M71-81-499      | White  | 48.26                 | 6.35                   | -                     | 9.53                      | 10.00                      | 750                          | M71-R4300         |
| ◎                         | M71C-500-499    | White  | 12.70                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R4300         |
| ◎                         | M71C-1000-499   | White  | 25.40                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R4300         |
| ◎                         | M71C-1900-499   | White  | 48.26                 | -                      | 9.10 m                | -                         | -                          | 1                            | M71-R4300         |

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

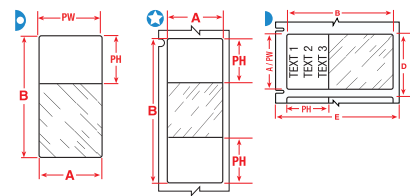
Full Material Properties on page 168

# BMP™71 Label Printer - Wire and Cable Marking



## SELF-LAMINATING LABELS

- Features a clear, non-printable area that wraps around the cable and serves as an overlaminate to the printed text. Offers superior resistance to abrasion, dirt, oils, solvents, and water.



| Diagram                             | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/ Roll | Printer Ribbon |
|-------------------------------------|-----------------|--------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-------------------------|-------------------------|----------------------------|----------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                    |                    |                     |                              |                               |                        |                         |                         |                            |                |
| ▶                                   | M71-10-427      | White/Transparent  | 6.35               | 19.05               | 6.35                         | 9.53                          | 9.53                   | 2.00                    | 3.00                    | 750                        | M71-R4300      |
| ▶                                   | M71-28-427      | White/Transparent  | 6.35               | 38.10               | 6.35                         | 12.70                         | 9.53                   | 4.00                    | 8.10                    | 750                        | M71-R4300      |
| ▶                                   | BM71-11-427     | White/Transparent  | 12.70              | 19.05               | 12.70                        | 9.53                          | 15.88                  | 2.00                    | 3.00                    | 5000                       | M71-R4300      |
| ▶                                   | M71-11-427      | White/Transparent  | 12.70              | 19.05               | 12.70                        | 9.53                          | 15.88                  | 2.00                    | 3.00                    | 500                        | M71-R4300      |
| ▶                                   | BM71-17-427     | White/Transparent  | 12.70              | 25.40               | 12.70                        | 9.53                          | 15.88                  | 2.70                    | 5.10                    | 5000                       | M71-R4300      |
| ▶                                   | M71-17-427      | White/Transparent  | 12.70              | 25.40               | 12.70                        | 9.53                          | 15.88                  | 2.70                    | 5.10                    | 500                        | M71-R4300      |
| ▶                                   | M71-29-427      | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500                        | M71-R4300      |
| ▶                                   | BM71-29-427     | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 5000                       | M71-R4300      |
| ▶                                   | BM71-18-427     | White/Transparent  | 19.05              | 25.40               | 19.05                        | 9.53                          | 22.23                  | 2.70                    | 5.10                    | 2500                       | M71-R4300      |
| ▶                                   | M71-18-427      | White/Transparent  | 19.05              | 25.40               | 19.05                        | 9.53                          | 22.23                  | 2.70                    | 5.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-30-427      | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | BM71-30-427     | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 2500                       | M71-R4300      |
| ▶                                   | M71-30-427-BL   | Blue/Transparent   | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-30-427-PL   | Purple/Transparent | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-30-427-RD   | Red/Transparent    | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-96-427      | White/Transparent  | 25.40              | 19.05               | 25.40                        | 9.53                          | 22.23                  | 2.00                    | 3.00                    | 250                        | M71-R4300      |
| ▶                                   | M71-19-427-YL   | Yellow/Transparent | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-19-427      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250                        | M71-R4300      |
| ▶                                   | BM71-19-427     | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 2500                       | M71-R4300      |
| ▶                                   | M71-103-427     | White/Transparent  | 25.40              | 31.75               | 25.40                        | 12.70                         | 34.93                  | 3.40                    | 6.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-31-427-YL   | Yellow/Transparent | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | BM71-31-427     | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 2500                       | M71-R4300      |
| ▶                                   | M71-31-427-GN   | Green/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-31-427-RD   | Red/Transparent    | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-31-427      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | BM71-21-427     | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 1000                       | M71-R4300      |
| ▶                                   | M71-21-427-YL   | Yellow/Transparent | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100                        | M71-R4300      |
| ▶                                   | M71-21-427      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100                        | M71-R4300      |
| ★                                   | BM71-64-427     | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 1000                       | M71-R4300      |
| ★                                   | M71-64-427      | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 100                        | M71-R4300      |
| ▶                                   | BM71-23-427     | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 1000                       | M71-R4300      |
| ▶                                   | M71-23-427      | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100                        | M71-R4300      |
| ▶                                   | M71-104-427     | White/Transparent  | 38.10              | 25.40               | 38.10                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250                        | M71-R4300      |
| ▶                                   | BM71-32-427     | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 1000                       | M71-R4300      |
| ▶                                   | M71-32-427-YL   | Yellow/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-32-427      | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-33-427-YL   | Yellow/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100                        | M71-R4300      |
| ▶                                   | BM71-33-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 500                        | M71-R4300      |
| ▶                                   | M71-109-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 10.80                   | 20.20                   | 100                        | M71-R4300      |
| ▶                                   | BM71-109-427    | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 10.80                   | 20.20                   | 500                        | M71-R4300      |
| ▶                                   | M71-33-427      | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100                        | M71-R4300      |
| ▶                                   | M71-34-427      | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50                         | M71-R4300      |
| ▶                                   | BM71-34-427     | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 500                        | M71-R4300      |
| ▶                                   | M71-88-427      | White/Transparent  | 44.45              | 38.10               | 44.45                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250                        | M71-R4300      |
| ▶                                   | M71-66-427      | White/Transparent  | 49.28              | 80.00               | 49.28                        | 25.40                         | 83.57                  | 8.50                    | 17.40                   | 100                        | M71-R4300      |
| ▶                                   | M71-107-427     | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 4.00                    | 8.10                    | 100                        | M71-R4300      |
| ▶                                   | BM71-107-427    | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 4.00                    | 8.10                    | 1000                       | M71-R4300      |
| <b>B-642: Polyvinylfluoride</b>     |                 |                    |                    |                     |                              |                               |                        |                         |                         |                            |                |
| ▶                                   | M71-19-642      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 3.00                    | 5.00                    | 250                        | M71-R4300      |
| ▶                                   | M71-31-642      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.00                    | 250                        | M71-R4300      |
| ▶                                   | M71-21-642      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.00                    | 14.00                   | 100                        | M71-R4300      |



Apply the printed area to your wire.



Wrap the clear area around the wire, covering the printed area.



Once applied the clear laminate will protect your legend for years to come.

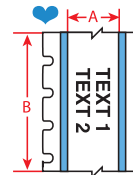
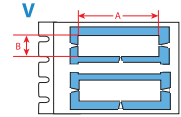
Full Material Properties on page 168

## PERMASLEEVES™ WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

- These heat-shrink sleeves are the ultimate in marker identification, protection, durability and aesthetic appearance.
- Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.



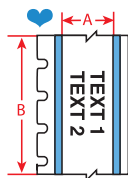
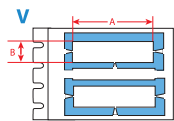
| Diagram                                     | Order Reference       | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/ Roll | Printer Ribbon |
|---------------------------------------------|-----------------------|--------|--------------------|---------------------|--------------------|-------------------------|-------------------------|----------------------------|----------------|
| <b>B-342: Heat-shrink Polyolefin Sleeve</b> |                       |        |                    |                     |                    |                         |                         |                            |                |
| V                                           | BM71-187-175-342-4    | White  | 11.21              | 8.50                | —                  | 1.57                    | 3.81                    | 4000                       | M71-R4300      |
| V                                           | BM71-375-1-342-2      | White  | 12.89              | 16.40               | —                  | 3.18                    | 8.13                    | 2000                       | M71-R4300      |
| V                                           | BM71-94-1-342-2       | White  | 12.89              | 4.60                | —                  | .58                     | 2.03                    | 5000                       | M71-R4300      |
| V                                           | BM71-125-1-342-2      | White  | 12.89              | 6.00                | —                  | 1.17                    | 2.79                    | 2000                       | M71-R4300      |
| V                                           | BM71-187-1-342-2      | White  | 12.89              | 8.50                | —                  | 1.57                    | 3.81                    | 2000                       | M71-R4300      |
| V                                           | BM71-500-175-342-YL-3 | Yellow | 14.94              | 21.60               | —                  | 4.75                    | 11.43                   | 3000                       | M71-R4300      |
| V                                           | BM71-125-175-342-3    | White  | 14.94              | 6.00                | —                  | 1.17                    | 2.79                    | 3000                       | M71-R4300      |
| V                                           | BM71-187-175-342-3    | White  | 14.94              | 8.50                | —                  | 1.57                    | 3.81                    | 3000                       | M71-R4300      |
| V                                           | BM71-375-175-342-2    | White  | 22.41              | 16.40               | —                  | 3.18                    | 8.13                    | 2000                       | M71-R4300      |
| V                                           | BM71-94-175-342-2     | White  | 22.41              | 4.60                | —                  | .58                     | 2.03                    | 5000                       | M71-R4300      |
| V                                           | BM71-125-175-342-2    | White  | 22.41              | 6.00                | —                  | 1.17                    | 2.79                    | 2000                       | M71-R4300      |
| V                                           | BM71-187-175-342-2    | White  | 22.41              | 8.50                | —                  | 1.57                    | 3.81                    | 2000                       | M71-R4300      |
| V                                           | M71-250-1-342YL       | Yellow | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-1-342        | White  | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-250-1-342         | White  | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-1-342-YL     | Yellow | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-375-1-342         | White  | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | M71-375-1-342YL       | Yellow | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | BM71-375-1-342        | White  | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | BM71-375-1-342-YL     | Yellow | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | M71-500-1-342         | White  | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | M71-500-1-342YL       | Yellow | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | BM71-500-1-342        | White  | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-1-342YL      | Yellow | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | M71-94-1-342YL        | Yellow | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | BM71-94-1-342         | White  | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | BM71-94-1-342YL       | Yellow | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | M71-94-1-342          | White  | 25.78              | 4.62                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | M71-125-1-342YL       | Yellow | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |
| V                                           | BM71-125-1-342        | White  | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                       | M71-R4300      |
| V                                           | M71-125-1-342         | White  | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |
| V                                           | BM71-125-1-342-YL     | Yellow | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                       | M71-R4300      |
| V                                           | M71-187-1-342YL       | Yellow | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 100                        | M71-R4300      |
| V                                           | BM71-187-1-342-YL     | Yellow | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                       | M71-R4300      |
| V                                           | M71-187-1-342         | White  | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 100                        | M71-R4300      |
| V                                           | BM71-187-1-342        | White  | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                       | M71-R4300      |
| V                                           | M71-250-175-342YL     | Yellow | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-175-342      | White  | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | BM71-250-175-342YL    | Yellow | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-250-175-342       | White  | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-175-342-RD   | Red    | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-375-175-342       | White  | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | M71-375-175-342YL     | Yellow | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | BM71-375-175-342      | White  | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | BM71-375-175-342-YL   | Yellow | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | M71-500-175-342       | White  | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | M71-500-175-342YL     | Yellow | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | BM71-500-175-342      | White  | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-175-342YL    | Yellow | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-175-342-RD   | Red    | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | M71-94-175-342        | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | M71-94-175-342YL      | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | BM71-94-175-342       | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | BM71-94-175-342YL     | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | M71-1000-175-342      | White  | 44.83              | 42.16               | —                  | 9.53                    | 24.13                   | 500                        | M71-R4300      |
| V                                           | M71-125-175-342       | White  | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |



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**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

## PERMASLEEVES™ WIRE MARKING SLEEVES, 3:1 SHRINK RATIO (CONTINUED)

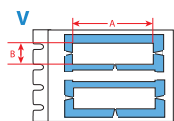


| Diagram                              | Order Reference      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------------------------|----------------------|--------|--------------------|---------------------|--------------------|-------------------------|-------------------------|---------------------------|----------------|
| B-342: Heat-shrink Polyolefin Sleeve |                      |        |                    |                     |                    |                         |                         |                           |                |
| V                                    | M71-125-175-342YL    | Yellow | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 100                       | M71-R4300      |
| V                                    | BM71-125-175-342     | White  | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                      | M71-R4300      |
| V                                    | BM71-125-175-342YL   | Yellow | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                      | M71-R4300      |
| V                                    | M71-187-175-342YL    | Yellow | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 100                       | M71-R4300      |
| V                                    | BM71-187-175-342     | White  | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                      | M71-R4300      |
| V                                    | BM71-187-175-342YL   | Yellow | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                      | M71-R4300      |
| V                                    | M71-187-175-342      | White  | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 100                       | M71-R4300      |
| V                                    | BM71-187-175-342-ORG | Orange | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                      | M71-R4300      |
| V                                    | BM71-187-175-342-RD  | Red    | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                      | M71-R4300      |
| ♥                                    | BM71C-125-342        | White  | 6.00               | —                   | 15.24 m            | 1.17                    | 2.79                    | 1                         | M71-R4300      |
| ♥                                    | BM71C-187-342        | White  | 8.50               | —                   | 15.24 m            | 1.57                    | 3.81                    | 1                         | M71-R4300      |
| ♥                                    | BM71C-250-342        | White  | 11.15              | —                   | 15.24 m            | 2.39                    | 5.46                    | 1                         | M71-R4300      |
| ♥                                    | BM71C-375-342        | White  | 16.40              | —                   | 15.24 m            | 3.18                    | 8.13                    | 1                         | M71-R4300      |
| ♥                                    | BM71C-500-342        | White  | 21.60              | —                   | 15.24 m            | 4.75                    | 11.43                   | 1                         | M71-R4300      |
| ♥                                    | BM71C-1000-342       | White  | 42.16              | —                   | 15.24 m            | 9.53                    | 24.13                   | 1                         | M71-R4300      |

## PERMASLEEVE™ LOW SMOKE ZERO HALOGEN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO



- These heat-shrink sleeves are the ultimate in marker identification, protection, durability and aesthetic appearance.
- These low smoke zero halogen wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.
- Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.



| Diagram                               | Order Reference  | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|---------------------------------------|------------------|--------|--------------------|---------------------|-------------------------|-------------------------|---------------------------|----------------|
| B-7641: Heat-shrink Polyolefin Sleeve |                  |        |                    |                     |                         |                         |                           |                |
| V                                     | M71-94-1-7641    | White  | 25.78              | 4.60                | 1.19                    | 2.03                    | 100                       | M71-R4300      |
| V                                     | M71-94-1-7641Y   | Yellow | 25.78              | 4.60                | 1.19                    | 2.03                    | 100                       | M71-R4300      |
| V                                     | BM71-94-1-7641   | White  | 25.78              | 4.60                | 1.19                    | 2.03                    | 2500                      | M71-R4300      |
| V                                     | BM71-94-1-7641Y  | Yellow | 25.78              | 4.60                | 1.19                    | 2.03                    | 2500                      | M71-R4300      |
| V                                     | M71-125-1-7641   | White  | 25.78              | 6.00                | 1.57                    | 2.79                    | 100                       | M71-R4300      |
| V                                     | M71-125-1-7641Y  | Yellow | 25.78              | 6.00                | 1.57                    | 2.79                    | 100                       | M71-R4300      |
| V                                     | BM71-125-1-7641  | White  | 25.78              | 6.00                | 1.57                    | 2.79                    | 1000                      | M71-R4300      |
| V                                     | BM71-125-1-7641Y | Yellow | 25.78              | 6.00                | 1.57                    | 2.79                    | 1000                      | M71-R4300      |
| V                                     | M71-187-1-7641   | White  | 25.78              | 8.50                | 2.39                    | 3.83                    | 100                       | M71-R4300      |
| V                                     | M71-187-1-7641Y  | Yellow | 25.78              | 8.50                | 2.39                    | 3.83                    | 100                       | M71-R4300      |
| V                                     | BM71-187-1-7641  | White  | 25.78              | 8.50                | 2.39                    | 3.83                    | 1000                      | M71-R4300      |
| V                                     | BM71-187-1-7641Y | Yellow | 25.78              | 8.50                | 2.39                    | 3.83                    | 1000                      | M71-R4300      |
| V                                     | M71-250-1-7641   | White  | 25.78              | 11.15               | 3.17                    | 5.46                    | 100                       | M71-R4300      |
| V                                     | M71-250-1-7641Y  | Yellow | 25.78              | 11.15               | 3.17                    | 5.46                    | 100                       | M71-R4300      |
| V                                     | BM71-250-1-7641  | White  | 25.78              | 11.15               | 3.17                    | 5.46                    | 1000                      | M71-R4300      |
| V                                     | BM71-250-1-7641Y | Yellow | 25.78              | 11.15               | 3.17                    | 5.46                    | 1000                      | M71-R4300      |
| V                                     | BM71-375-1-7641  | White  | 25.78              | 16.38               | 4.77                    | 8.13                    | 1000                      | M71-R4300      |
| V                                     | BM71-375-1-7641Y | Yellow | 25.78              | 16.38               | 4.77                    | 8.13                    | 1000                      | M71-R4300      |
| V                                     | M71-375-1-7641   | White  | 25.78              | 16.40               | 4.77                    | 8.13                    | 100                       | M71-R4300      |
| V                                     | M71-375-1-7641Y  | Yellow | 25.78              | 16.40               | 4.77                    | 8.13                    | 100                       | M71-R4300      |
| V                                     | M71-500-1-7641   | White  | 25.78              | 21.60               | 6.35                    | 11.43                   | 100                       | M71-R4300      |
| V                                     | M71-500-1-7641Y  | Yellow | 25.78              | 21.60               | 6.35                    | 11.43                   | 100                       | M71-R4300      |
| V                                     | BM71-500-1-7641  | White  | 25.78              | 21.60               | 6.35                    | 11.43                   | 600                       | M71-R4300      |
| V                                     | BM71-500-1-7641Y | Yellow | 25.78              | 21.60               | 6.35                    | 11.43                   | 600                       | M71-R4300      |
| V                                     | M71-750-1-7641   | White  | 25.78              | 31.40               | 9.52                    | 17.78                   | 100                       | M71-R4300      |
| V                                     | M71-750-1-7641Y  | Yellow | 25.78              | 31.40               | 9.52                    | 17.78                   | 100                       | M71-R4300      |
| V                                     | BM71-750-1-7641  | White  | 25.78              | 31.40               | 9.52                    | 17.78                   | 600                       | M71-R4300      |
| V                                     | BM71-750-1-7641Y | Yellow | 25.78              | 31.40               | 9.52                    | 17.78                   | 600                       | M71-R4300      |
| V                                     | M71-94-175-7641  | White  | 44.83              | 4.60                | 1.19                    | 2.03                    | 100                       | M71-R4300      |

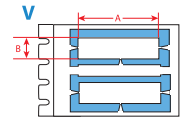
>>

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.



## PERMASLEEVE™ LOW SMOKE ZERO HALOGEN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO (CONTINUED)

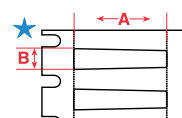
| Diagram                               | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|---------------------------------------|--------------------|--------|--------------------|---------------------|-------------------------|-------------------------|---------------------------|----------------|
| B-7641: Heat-shrink Polyolefin Sleeve |                    |        |                    |                     |                         |                         |                           |                |
|                                       | M71-94-175-7641Y   | Yellow | 44.83              | 4.60                | 1.19                    | 2.03                    | 100                       | M71-R4300      |
|                                       | BM71-94-175-7641   | White  | 44.83              | 4.60                | 1.19                    | 2.03                    | 2500                      | M71-R4300      |
|                                       | BM71-94-175-7641Y  | Yellow | 44.83              | 4.60                | 1.19                    | 2.03                    | 2500                      | M71-R4300      |
|                                       | M71-125-175-7641   | White  | 44.83              | 6.00                | 1.57                    | 2.79                    | 100                       | M71-R4300      |
|                                       | M71-125-175-7641Y  | Yellow | 44.83              | 6.00                | 1.57                    | 2.79                    | 100                       | M71-R4300      |
|                                       | BM71-125-175-7641  | White  | 44.83              | 6.00                | 1.57                    | 2.79                    | 1000                      | M71-R4300      |
|                                       | BM71-125-175-7641Y | Yellow | 44.83              | 6.00                | 1.57                    | 2.79                    | 1000                      | M71-R4300      |
|                                       | M71-187-175-7641   | White  | 44.83              | 8.50                | 2.39                    | 3.83                    | 100                       | M71-R4300      |
|                                       | M71-187-175-7641Y  | Yellow | 44.83              | 8.50                | 2.39                    | 3.83                    | 100                       | M71-R4300      |
|                                       | BM71-187-175-7641  | White  | 44.83              | 8.50                | 2.39                    | 3.83                    | 1000                      | M71-R4300      |
|                                       | BM71-187-175-7641Y | Yellow | 44.83              | 8.50                | 2.39                    | 3.83                    | 1000                      | M71-R4300      |
|                                       | M71-250-175-7641   | White  | 44.83              | 11.15               | 3.17                    | 5.46                    | 100                       | M71-R4300      |
|                                       | M71-250-175-7641Y  | Yellow | 44.83              | 11.15               | 3.17                    | 5.46                    | 100                       | M71-R4300      |
|                                       | BM71-250-175-7641  | White  | 44.83              | 11.15               | 3.17                    | 5.46                    | 1000                      | M71-R4300      |
|                                       | BM71-250-175-7641Y | Yellow | 44.83              | 11.15               | 3.17                    | 5.46                    | 1000                      | M71-R4300      |
|                                       | BM71-375-175-7641  | White  | 44.83              | 16.38               | 4.77                    | 8.13                    | 1000                      | M71-R4300      |
|                                       | BM71-375-175-7641Y | Yellow | 44.83              | 16.38               | 4.77                    | 8.13                    | 1000                      | M71-R4300      |
|                                       | M71-375-175-7641   | White  | 44.83              | 16.40               | 4.77                    | 8.13                    | 100                       | M71-R4300      |
|                                       | M71-375-175-7641Y  | Yellow | 44.83              | 16.40               | 4.77                    | 8.13                    | 100                       | M71-R4300      |
|                                       | M71-500-175-7641   | White  | 44.83              | 21.60               | 6.35                    | 11.43                   | 100                       | M71-R4300      |
|                                       | M71-500-175-7641Y  | Yellow | 44.83              | 21.60               | 6.35                    | 11.43                   | 100                       | M71-R4300      |
|                                       | BM71-500-175-7641  | White  | 44.83              | 21.60               | 6.35                    | 11.43                   | 600                       | M71-R4300      |
|                                       | BM71-500-175-7641Y | Yellow | 44.83              | 21.60               | 6.35                    | 11.43                   | 600                       | M71-R4300      |
|                                       | M71-750-175-7641   | White  | 44.83              | 31.40               | 9.52                    | 17.78                   | 100                       | M71-R4300      |
|                                       | M71-750-175-7641Y  | Yellow | 44.83              | 31.40               | 9.52                    | 17.78                   | 100                       | M71-R4300      |
|                                       | BM71-750-175-7641  | White  | 44.83              | 31.40               | 9.52                    | 17.78                   | 600                       | M71-R4300      |
|                                       | BM71-750-175-7641Y | Yellow | 44.83              | 31.40               | 9.52                    | 17.78                   | 600                       | M71-R4300      |



## RIGID DURASLEEVE™ INSERTS

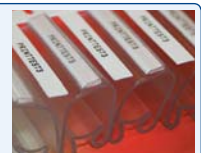
- Brady DuraSleeve™ printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination.

| Diagram           | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|-------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|---------------------------|----------------|
| B-7696: Vinyl Tag |                 |        |        |                    |                     |                        |                           |                |
|                   | BM71D-1-7696    | White  | Gloss  | 17.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-1-7696     | White  | Gloss  | 17.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-1-7696-YL | Yellow | Gloss  | 17.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-1-7696-YL  | Yellow | Gloss  | 17.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-2-7696    | White  | Gloss  | 19.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-2-7696     | White  | Gloss  | 19.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-2-7696-YL | Yellow | Gloss  | 19.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-2-7696-YL  | Yellow | Gloss  | 19.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-3-7696    | White  | Gloss  | 23.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-3-7696     | White  | Gloss  | 23.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-3-7696-YL | Yellow | Gloss  | 23.34              | 3.66                | 7.56                   | 5000                      | M71-R6000HF    |
|                   | M71D-3-7696-YL  | Yellow | Gloss  | 23.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-4-7696    | White  | Gloss  | 30.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-4-7696     | White  | Gloss  | 30.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-4-7696-YL | Yellow | Gloss  | 30.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-4-7696-YL  | Yellow | Gloss  | 30.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-5-7696    | White  | Gloss  | 37.34              | 3.66                | 7.56                   | 2500                      | M71-R6000HF    |
|                   | M71D-5-7696     | White  | Gloss  | 37.34              | 3.66                | 7.56                   | 500                       | M71-R6000HF    |
|                   | BM71D-5-7696-YL | Yellow | Gloss  | 37.34              | 3.66                | 7.56                   | 5000                      | M71-R6000HF    |



## DURASLEEVE™ CARRIERS

DuraSleeve™ carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. This means that there are only seven different sizes of carriers which cater for cables with external diameters from 1.3 mm up to 24 mm. See page 139 for ordering information.



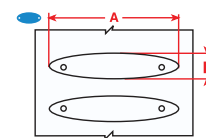
**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

# BMP™71 Label Printer - Wire and Cable Marking



## RAPIDO™

- Yellow coated polyethylene tag suitable for durable terminated wire marking for electrical devices and fibre installations.



| Diagram                  | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------------|-----------------|--------|--------------------|---------------------|------------------------|-------------------------|-------------------------|---------------------------|----------------|
| B-7599: Polyethylene Tag |                 |        |                    |                     |                        |                         |                         |                           |                |
|                          | BM71R-1-7599-YL | Yellow | 22.90              | 5.20                | 8.38                   | 0.25                    | 1.50                    | 2500                      | M71-R6200      |
|                          | BM71R-2-7599-YL | Yellow | 23.00              | 5.20                | 8.38                   | 0.75                    | 2.60                    | 2500                      | M71-R6200      |
|                          | BM71R-3-7599-YL | Yellow | 25.00              | 5.70                | 8.89                   | 1.25                    | 3.30                    | 2500                      | M71-R6200      |
|                          | BM71R-4-7599-YL | Yellow | 26.00              | 7.00                | 10.82                  | 1.75                    | 4.60                    | 2500                      | M71-R6200      |
|                          | BM71R-5-7599-YL | Yellow | 41.00              | 11.00               | 14.20                  | 2.25                    | 7.50                    | 2500                      | M71-R6200      |



## HEATEX™ CABLE MARKERS

- These cable markers are made of halogen-free polyurethane material. The markers are tough, imperishable and with a very high degree of mark permanence in almost any environment.

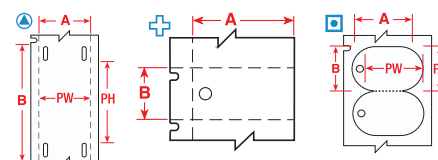


| Diagram                                      | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|----------------------------------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|---------------------------|----------------|
| B-7643: Thermoplastic Polyether Polyurethane |                 |        |        |                    |                     |                        |                           |                |
|                                              | BM71H-1-7643-WT | White  | Matt   | 60.00              | 10.00               | 65.88                  | 250                       | M71-R6000HF    |
|                                              | BM71H-1-7643-YL | Yellow | Matt   | 60.00              | 10.00               | 65.88                  | 250                       | M71-R6000HF    |
|                                              | BM71H-2-7643-WT | White  | Matt   | 75.00              | 10.00               | 81.17                  | 250                       | M71-R6000HF    |
|                                              | BM71H-2-7643-YL | Yellow | Matt   | 75.00              | 10.00               | 81.17                  | 250                       | M71-R6000HF    |
|                                              | BM71H-3-7643-WT | White  | Matt   | 75.00              | 25.00               | 82.55                  | 250                       | M71-R6000HF    |
|                                              | BM71H-3-7643-YL | Yellow | Matt   | 75.00              | 25.00               | 82.55                  | 250                       | M71-R6000HF    |



## TEAR RESISTANT CABLE MARKERS

- These extremely tear resistant cable markers can be used for a variety of applications including identification of multiconductor cables, inventory and equipment.



| Diagram                 | Order Reference   | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|-------------------------|-------------------|--------|--------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|---------------------------|----------------|
| B-109: Polyethylene Tag |                   |        |        |                    |                     |                              |                               |                        |                           |                |
|                         | M71-60-109        | White  | Matt   | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 100                       | M71-R4300      |
|                         | BM71-60-109       | White  | Matt   | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 1000                      | M71-R4300      |
|                         | M71-12-109        | White  | Matt   | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 100                       | M71-R4300      |
|                         | BM71-12-109       | White  | Matt   | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 1000                      | M71-R4300      |
|                         | M71-36-109        | White  | Matt   | 44.45              | 28.58               | 44.45                        | 28.58                         | 28.58                  | 250                       | M71-R4300      |
| B-145: Polyethylene Tag |                   |        |        |                    |                     |                              |                               |                        |                           |                |
|                         | M71-111-145-GY    | Grey   | Matt   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 100                       | M71-R6000HF    |
|                         | M71-111-145-FR-GY | Grey   | Matt   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 100                       | M71-R6000HF    |
|                         | BM71-111-145-GY   | Grey   | Matt   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 1000                      | M71-R6000HF    |
|                         | M71-110-145-GY    | Grey   | Matt   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 100                       | M71-R6000HF    |
|                         | M71-110-145-FR-GY | Grey   | Matt   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 100                       | M71-R6000HF    |
|                         | BM71-110-145-GY   | Grey   | Matt   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 1000                      | M71-R6000HF    |



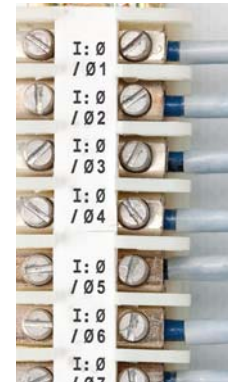
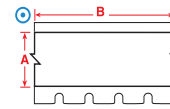
## COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications. See page 137 for ordering information.

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

## TERMINAL BLOCK REPOSITIONABLE MARKERS

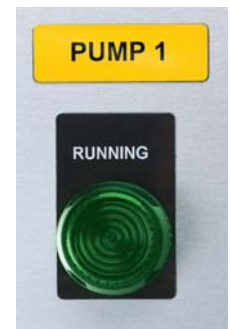
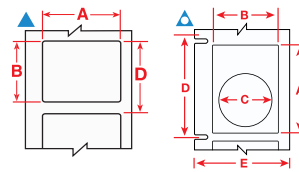
- Repositionable vinyl cloth marker with a firm adhesive offering excellent holding power, but can be easily removed and reapplied.



| Diagram            | Order Reference | Colour | Finish     | Label Width A (mm) | Label Length B (m) | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------|-----------------|--------|------------|--------------------|--------------------|---------------------------|----------------|
| B-498: Vinyl Cloth |                 |        |            |                    |                    |                           |                |
| ⊙                  | M71C-240-498    | White  | Semi-gloss | 6.10               | 9.14 m             | 1                         | M71-R6200      |
| ⊙                  | BM71C-240-498   | White  | Semi-gloss | 6.10               | 83.80 m            | 1                         | M71-R6200      |
| ⊙                  | M71C-318-498    | White  | Semi-gloss | 8.08               | 9.14 m             | 1                         | M71-R6200      |
| ⊙                  | BM71C-318-498   | White  | Semi-gloss | 8.08               | 83.80 m            | 1                         | M71-R6200      |
| ⊙                  | M71C-375-498    | White  | Semi-gloss | 9.53               | 9.14 m             | 1                         | M71-R6200      |
| ⊙                  | BM71C-375-498   | White  | Semi-gloss | 9.53               | 83.80 m            | 1                         | M71-R6200      |

## EPREP LABELS - ENGRAVED PLATE REPLACEMENT LABELS

- Brady EPREP labels are innovative labels specifically designed to replace engraved and plotted plates for identification of electrical components, electrical cabinets, push buttons, patch panels etc.



| Diagram                                      | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Layout       | Printer Ribbon |
|----------------------------------------------|-----------------|--------|--------|--------------------|---------------------|----------------------|------------------------|---------------------------|--------------|----------------|
| B-7593: Polyethylene-foam Laminate Polyester |                 |        |        |                    |                     |                      |                        |                           |              |                |
| ▲                                            | M71EP-1-7593-SL | Silver | Gloss  | 27.00              | 8.00                | —                    | 11.18                  | 250                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-2-7593-SL | Silver | Gloss  | 27.00              | 12.50               | —                    | 15.63                  | 250                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-3-7593-SL | Silver | Gloss  | 27.00              | 15.00               | —                    | 18.14                  | 150                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-4-7593-SL | Silver | Gloss  | 27.00              | 18.00               | —                    | 21.25                  | 150                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-1-7593-WT | White  | Gloss  | 27.00              | 8.00                | —                    | 11.18                  | 250                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-2-7593-WT | White  | Gloss  | 27.00              | 12.50               | —                    | 15.63                  | 250                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-3-7593-WT | White  | Gloss  | 27.00              | 15.00               | —                    | 18.14                  | 150                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-4-7593-WT | White  | Gloss  | 27.00              | 18.00               | —                    | 21.25                  | 150                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-BK | Black  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-GN | Green  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-RD | Red    | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-SL | Silver | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-WT | White  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-5-7593-YL | Yellow | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-7-7593-SL | Silver | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-7-7593-WT | White  | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-7-7593-YL | Yellow | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-6-7593-BK | Black  | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-6-7593-RD | Red    | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | BM71E-6-7593-SL | Silver | Gloss  | 45.00              | 15.00               | —                    | 18.26                  | 500                       | Bulk Roll    | M71-R6000HF    |
| ▲                                            | BM71E-6-7593-WT | White  | Gloss  | 45.00              | 15.00               | —                    | 18.26                  | 500                       | Bulk Roll    | M71-R6000HF    |
| ▲                                            | M71EP-6-7593-YL | Yellow | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100                       | Fanfolded    | M71-R6000HF    |
| ▲                                            | M71EP-8-7593-SL | Silver | Gloss  | 48.00              | 19.00               | —                    | 22.46                  | 125                       | Roll Mounted | M71-R6000HF    |
| ▲                                            | M71EP-8-7593-WT | White  | Gloss  | 48.00              | 19.00               | —                    | 22.46                  | 125                       | Roll Mounted | M71-R6000HF    |



Roll Mounted



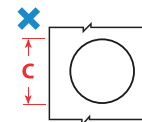
Fanfolded



Bulk Roll

## NYLON CLOTH LABELS

- Nylon cloth marker with a firm adhesive offering excellent holding power in harsh environments.



| Diagram            | Order Reference | Colour | Finish | Diameter C (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------|-----------------|--------|--------|-----------------|------------------------|---------------------------|----------------|
| B-499: Nylon Cloth |                 |        |        |                 |                        |                           |                |
| ✕                  | M71-82-499      | White  | Matt   | 9.53            | 12.70                  | 500                       | M71-R4300      |
| ✕                  | M71-83-499      | White  | Matt   | 12.70           | 15.88                  | 500                       | M71-R4300      |

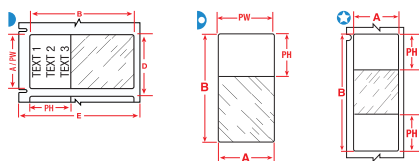
**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

# BMP™71 Label Printer - Datacom Labels



## SELF-LAMINATING LABELS

- Brady's most popular wire and cable marker. Self-laminating vinyl features a coloured printable area with a clear 'tail' that wraps around the cable marker to protect the print. Offers superior resistance to abrasion, dirt, oils, solvents, and water.



| Diagram                             | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Cartridge/ Roll | Printer Ribbon | For Data Cables Sized to Fit                                          |
|-------------------------------------|-----------------|--------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|----------------------------|----------------|-----------------------------------------------------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                    |                    |                     |                              |                               |                        |                            |                |                                                                       |
|                                     | BM71-29-427     | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 5000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-30-427      | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | BM71-30-427     | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 2500                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-30-427-RD   | Red/Transparent    | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-30-427-PL   | Purple/Transparent | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-30-427-BL   | Blue/Transparent   | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-19-427-YL   | Yellow/Transparent | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre                                                          |
|                                     | M71-19-427      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre                                                          |
|                                     | BM71-19-427     | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2500                       | M71-R4300      | 2 Pair Fibre                                                          |
|                                     | M71-103-427     | White/Transparent  | 25.40              | 31.75               | 25.40                        | 12.70                         | 34.93                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-31-427-YL   | Yellow/Transparent | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
|                                     | BM71-31-427     | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 2500                       | M71-R4300      | 5 Pair UTP; CAT 5; CAT 5E; RG-6 Coax; RG-59 Coax                      |
|                                     | M71-31-427      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
|                                     | M71-31-427-RD   | Red/Transparent    | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
|                                     | M71-31-427-GN   | Green/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
|                                     | M71-21-427-YL   | Yellow/Transparent | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 100                        | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
|                                     | BM71-21-427     | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 1000                       | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
|                                     | M71-21-427      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 100                        | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
|                                     | BM71-64-427     | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 1000                       | M71-R4300      | Fibre/Coax                                                            |
|                                     | M71-64-427      | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 100                        | M71-R4300      | Fibre/Coax                                                            |
|                                     | BM71-23-427     | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 1000                       | M71-R4300      | Backbone Cable                                                        |
|                                     | M71-23-427      | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | Communications Cables                                                 |
|                                     | M71-104-427     | White/Transparent  | 38.10              | 25.40               | 38.10                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre; Single/Multi-Mode                                       |
|                                     | M71-32-427-YL   | Yellow/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | BM71-32-427     | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 1000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-32-427      | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-33-427-YL   | Yellow/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
|                                     | BM71-33-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 500                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
|                                     | M71-109-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
|                                     | BM71-109-427    | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 500                        | M71-R4300      | 5 Pair Copper; 24 Pair Fibre                                          |
|                                     | M71-33-427      | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
|                                     | M71-34-427      | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 50                         | M71-R4300      | 100 Pair Copper                                                       |
|                                     | BM71-34-427     | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 500                        | M71-R4300      | 100 Pair Copper; 36 Pair Fibre                                        |
|                                     | M71-88-427      | White/Transparent  | 44.45              | 38.10               | 44.45                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | M71-66-427      | White/Transparent  | 49.28              | 80.00               | 49.28                        | 25.40                         | 83.57                  | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
|                                     | M71-107-427     | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 100                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
|                                     | BM71-107-427    | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 1000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |



Apply the printed area to your wire.



Wrap the clear area around the wire, covering the printed area.



Once applied the clear laminate will protect your legend for years to come.

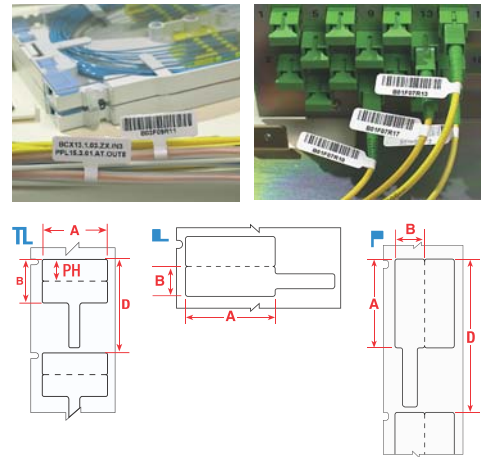
**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.



## FIBRE OPTIC LABELS/FLAGS

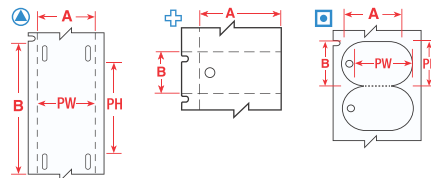
- These Fibre Optic Flags allow more legible information to be printed on smaller diameter wires and permits you to handle and view labels without touching the wires.

| Diagram              | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/ Roll | Printer Ribbon |
|----------------------|-----------------|--------|--------------------|---------------------|------------------------|----------------------------|----------------|
| B-425: Polypropylene |                 |        |                    |                     |                        |                            |                |
|                      | M71FP-1-425     | White  | 30.00              | 10.00               | 23.50                  | 250                        | M71-R4300      |
|                      | M71FT-1-425     | White  | 30.00              | 20.00               | 43.56                  | 250                        | M71-R4300      |
|                      | M71FP-2-425     | White  | 44.45              | 12.70               | 66.68                  | 100                        | M71-R4300      |



## POWER AND GROUND CABLE TAGS

- These power and ground cable tags are extremely tear and cold-weather resistant. They are also available as two-sided printable and flame retardant.



| Diagram                 | Order Reference   | Colour | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Cartridge/ Roll | For Data Cables Sized to Fit                   | Printer Ribbon |
|-------------------------|-------------------|--------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|----------------------------|------------------------------------------------|----------------|
| B-109: Polyethylene Tag |                   |        |                    |                     |                              |                               |                        |                            |                                                |                |
|                         | M71-60-109        | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 100                        | Power & Ground Cables                          | M71-R4300      |
|                         | BM71-60-109       | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 1000                       | Power & Ground Cables                          | M71-R4300      |
|                         | M71-12-109        | White  | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 100                        | Communications Cables                          | M71-R4300      |
|                         | BM71-12-109       | White  | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 1000                       | Communications Cables; Power and Ground Cables | M71-R4300      |
|                         | M71-36-109        | White  | 44.45              | 28.58               | 44.45                        | 28.58                         | 28.58                  | 250                        | Cable Labels                                   | M71-R4300      |
| B-145: Polyethylene Tag |                   |        |                    |                     |                              |                               |                        |                            |                                                |                |
|                         | M71-111-145-GY    | Grey   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 100                        | Cable Labels                                   | M71-R6000HF    |
|                         | M71-111-145-FR-GY | Grey   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 100                        | Cable Labels                                   | M71-R6000HF    |
|                         | BM71-111-145-GY   | Grey   | 30.63              | 19.25               | 19.25                        | 30.63                         | 58.72                  | 1000                       | Cable Labels                                   | M71-R6000HF    |
|                         | M71-110-145-GY    | Grey   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 100                        | Cable Labels                                   | M71-R6000HF    |
|                         | M71-110-145-FR-GY | Grey   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 100                        | Cable Labels                                   | M71-R6000HF    |
|                         | BM71-110-145-GY   | Grey   | 44.45              | 25.40               | 44.45                        | 25.40                         | 69.85                  | 1000                       | Cable Labels                                   | M71-R6000HF    |



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information



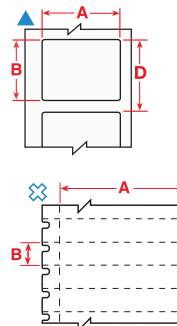
Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

## WORKSTATION LABELS



- A variety of durable and resistant materials to label your workstation.

| Diagram                         | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/ Roll | For Data Cables Sized to Fit                   | Printer Ribbon |
|---------------------------------|-----------------|--------|--------------------|---------------------|------------------------|----------------------------|------------------------------------------------|----------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |                    |                     |                        |                            |                                                |                |
|                                 | M71-40-412      | White  | 49.23              | 9.53                | 9.53                   | 750                        | Desi-Strip Inserts                             | M71-R6200      |
|                                 | BM71-40-412     | White  | 49.23              | 9.53                | 9.53                   | 5000                       | Desi-Strip Inserts                             | M71-R6200      |
| <b>B-422: Polyester</b>         |                 |        |                    |                     |                        |                            |                                                |                |
|                                 | M71-45-422      | White  | 38.10              | 9.53                | 12.70                  | 500                        | Location Identification                        | M71-R6000HF    |
| <b>B-430: Polyester</b>         |                 |        |                    |                     |                        |                            |                                                |                |
|                                 | M71-68-430      | Clear  | 6.10               | 3.81                | 9.53                   | 750                        | Siemens Faceplates                             | M71-R6000HF    |
|                                 | M71-71-430      | Clear  | 8.89               | 5.08                | 9.53                   | 750                        | Siemens Faceplates                             | M71-R6000HF    |
|                                 | M71-16-430      | Clear  | 25.40              | 9.53                | 12.70                  | 500                        | Location Identification; 1-4 Outlet Faceplates | M71-R6000HF    |
|                                 | M71-17-430      | Clear  | 25.40              | 12.70               | 15.88                  | 500                        | Location Identification; 1-4 Outlet Faceplates | M71-R6000HF    |
|                                 | M71-45-430      | Clear  | 38.10              | 9.53                | 12.70                  | 500                        | Location Identification                        | M71-R6000HF    |

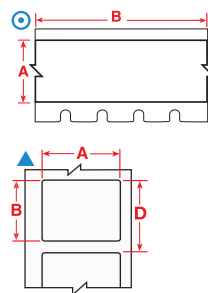


## PATCH PANEL IDENTIFICATION



- These tags and labels are designed to be printed, cut to length and act as a slide-in strip for voice/data patch panel inserts. Offers high print legibility and high tensile strength.

| Diagram                         | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Cartridge/Roll | Printer Ribbon |
|---------------------------------|-----------------|--------|--------------------|---------------------|--------------------|---------------------------|----------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |                    |                     |                    |                           |                |
|                                 | M71C-230-412    | White  | 5.84               | -                   | 15.24 m            | 1                         | M71-R6200      |
|                                 | M71C-375-412    | White  | 9.53               | -                   | 15.24 m            | 1                         | M71-R6200      |
|                                 | M71C-500-412    | White  | 12.70              | -                   | 15.24 m            | 1                         | M71-R6200      |
|                                 | M71C-475-412    | White  | 12.70              | -                   | 15.24 m            | 1                         | M71-R6200      |
|                                 | M71C-625-412    | White  | 15.88              | -                   | 15.24 m            | 1                         | M71-R6200      |
|                                 | M71C-785-412    | White  | 19.94              | -                   | 15.24 m            | 1                         | M71-R6200      |
| <b>B-422: Polyester</b>         |                 |        |                    |                     |                    |                           |                |
|                                 | M71C-375-422    | White  | 9.53               | -                   | 15.24 m            | 1                         | M71-R6000HF    |
|                                 | M71C-500-422    | White  | 12.70              | -                   | 15.24 m            | 1                         | M71-R6000HF    |
| <b>B-423: Polyester</b>         |                 |        |                    |                     |                    |                           |                |
|                                 | M71-10-423      | White  | 19.05              | 6.35                |                    | 750                       | M71-R6000HF    |
| <b>B-430: Polyester</b>         |                 |        |                    |                     |                    |                           |                |
|                                 | M71C-375-430    | Clear  | 9.53               | -                   | 15.24 m            | 1                         | M71-R6000HF    |
|                                 | M71C-500-430    | Clear  | 12.70              | -                   | 15.24 m            | 1                         | M71-R6000HF    |



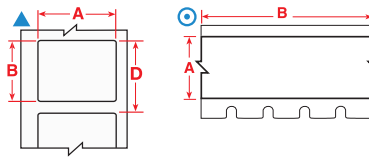
**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 168

## RACKS, PANELS & GENERAL DATACOM ID



- Durable materials with permanent adhesive in a variety of sizes for marking racks, bays, frames, slots, and other voice/data equipment.



| Diagram                         | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|---------------------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|---------------------------|----------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |        |                    |                     |                    |                        |                           |                |
| ⊙                               | M71C-230-412    | White  | Matt   | 5.84               | -                   | 15.24 m            | -                      | 1                         | M71-R6200      |
| ⊙                               | M71C-375-412    | White  | Matt   | 9.53               | -                   | 15.24 m            | -                      | 1                         | M71-R6200      |
| ⊙                               | M71C-500-412    | White  | Matt   | 12.70              | -                   | 15.24 m            | -                      | 1                         | M71-R6200      |
| ⊙                               | M71C-785-412    | White  | Matt   | 19.94              | -                   | 15.24 m            | -                      | 1                         | M71-R6200      |
| <b>B-422: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                           |                |
| ▲                               | BM71-20-422     | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 1000                      | M71-R6000HF    |
| ▲                               | M71-37-422      | White  | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ⊙                               | M71C-375-422    | White  | Gloss  | 9.53               | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-500-422    | White  | Gloss  | 12.70              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-1000-422   | White  | Gloss  | 25.40              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| <b>B-423: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                           |                |
| ▲                               | M71-2-423       | White  | Gloss  | 6.35               | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF    |
| ▲                               | M71-15-423      | White  | Gloss  | 25.40              | 6.99                |                    | 10.16                  | 750                       | M71-R6000HF    |
| ▲                               | M71-16-423      | White  | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500                       | M71-R6000HF    |
| ▲                               | M71-17-423      | White  | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF    |
| ▲                               | M71-20-423      | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF    |
| ▲                               | M71-26-423      | White  | Gloss  | 31.75              | 69.85               |                    | 73.03                  | 100                       | M71-R6000HF    |
| ▲                               | M71-29-423      | White  | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF    |
| ▲                               | M71-38-423      | White  | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                               | M71-37-423      | White  | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| <b>B-430: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                           |                |
| ⊙                               | M71C-375-430    | Clear  | Gloss  | 9.53               | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-500-430    | Clear  | Gloss  | 12.70              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-1000-430   | Clear  | Gloss  | 25.40              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| <b>B-483: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                           |                |
| ▲                               | M71-61-483      | White  | Gloss  | 12.70              | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF    |
| ▲                               | M71-20-483      | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF    |
| ▲                               | M71-23-483      | White  | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                               | M71-65-483      | White  | Gloss  | 34.93              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF    |
| ▲                               | M71-30-483      | White  | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R6000HF    |
| ▲                               | M71-31-483      | White  | Gloss  | 38.10              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF    |
| ▲                               | M71-38-483      | White  | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF    |
| ▲                               | M71-37-483      | White  | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF    |
| ⊙                               | M71C-500-483    | White  | Gloss  | 12.70              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-1000-483   | White  | Gloss  | 25.40              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |
| ⊙                               | M71C-1900-483   | White  | Gloss  | 48.26              | -                   | 15.24 m            | -                      | 1                         | M71-R6000HF    |



### BULK PACKAGING

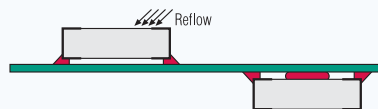
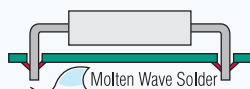
Bulk labels are designed for the BMP™71 Label Printer as a cost-effective solution for high volume labelling needs. Order references beginning with "B" indicate bulk rolls.



Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.



## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART



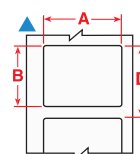
|                                    | Through Hole Technology |        | Surface Mount Technology (SMT) |               |
|------------------------------------|-------------------------|--------|--------------------------------|---------------|
|                                    | Top                     | Bottom | Top or Bottom                  | After Process |
| B-717, B-718, B-724, B-727         | Yes                     | Yes    | Yes                            | Yes           |
| B-423, B-428, B-459, B-473, B-498* | Yes*                    | No     | No                             | Yes           |

\*In extreme high temperature, testing of this material is recommended



## POLYIMIDE LABELS

- Various types of high resistant polyimide materials for relays, solenoids, PCB's, electronic components and more.

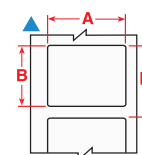


| Diagram          | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|---------------------------|----------------|
| B-717: Polyimide |                 |        |        |                    |                     |                        |                           |                |
| ▲                | M71-2-717       | White  | Gloss  | 6.35               | 50.80               | 53.98                  | 100                       | M71-R6000HF    |
| ▲                | M71-14-717      | White  | Gloss  | 25.40              | 4.75                | 8.26                   | 750                       | M71-R6000HF    |
| B-718: Polyimide |                 |        |        |                    |                     |                        |                           |                |
| ▲                | M71-4-718       | White  | Gloss  | 10.16              | 10.16               | 13.34                  | 500                       | M71-R6000HF    |
| ▲                | M71-9-718       | White  | Gloss  | 16.51              | 5.08                | 8.26                   | 750                       | M71-R6000HF    |
| ▲                | M71-25-718      | White  | Gloss  | 31.75              | 6.35                | 9.53                   | 750                       | M71-R6000HF    |
| B-724: Polyimide |                 |        |        |                    |                     |                        |                           |                |
| ▲                | M71-9-724       | Amber  | Matt   | 16.51              | 5.08                | 8.26                   | 750                       | M71-R4300      |
| ▲                | M71-13-724      | Amber  | Matt   | 22.86              | 6.35                | 9.53                   | 750                       | M71-R4300      |
| ▲                | M71-16-724      | Amber  | Matt   | 25.40              | 9.53                | 12.70                  | 500                       | M71-R4300      |
| ▲                | M71-17-724      | Amber  | Matt   | 25.40              | 12.70               | 15.88                  | 500                       | M71-R4300      |
| ▲                | M71-28-724      | Amber  | Matt   | 38.10              | 6.35                | 9.53                   | 750                       | M71-R4300      |
| B-727: Polyimide |                 |        |        |                    |                     |                        |                           |                |
| ▲                | M71-10-727      | White  | Gloss  | 19.05              | 6.35                | 9.53                   | 750                       | M71-R6000HF    |
| ▲                | M71-16-727      | White  | Gloss  | 25.40              | 9.53                | 12.70                  | 500                       | M71-R6000HF    |



## VINYL CLOTH LABELS

- Repositionable vinyl cloth label for Circuit Board and Component marking. It offers excellent holding power, while easily being repositioned and removed.



| Diagram            | Order Reference | Colour | Finish     | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------|-----------------|--------|------------|--------------------|---------------------|------------------------|---------------------------|----------------|
| B-498: Vinyl Cloth |                 |        |            |                    |                     |                        |                           |                |
| ▲                  | M71-16-498      | White  | Semi-gloss | 9.53               | 25.40               | 12.70                  | 500                       | M71-R6200      |
| ▲                  | M71-7-498       | White  | Semi-gloss | 12.70              | 12.70               | 15.88                  | 500                       | M71-R6200      |
| ▲                  | M71-10-498      | White  | Semi-gloss | 19.05              | 6.35                | 9.53                   | 750                       | M71-R6200      |
| ▲                  | M71-17-498      | White  | Semi-gloss | 25.40              | 12.70               | 15.88                  | 500                       | M71-R6200      |
| ▲                  | M71-29-498      | White  | Semi-gloss | 38.10              | 12.70               | 15.88                  | 500                       | M71-R6200      |
| ▲                  | M71-32-498      | White  | Semi-gloss | 38.10              | 38.10               | 41.28                  | 250                       | M71-R6200      |
| ▲                  | BM71-29-498     | White  | Semi-gloss | 38.10              | 12.70               | 15.88                  | 5000                      | M71-R6200      |



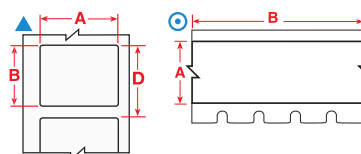
Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 168

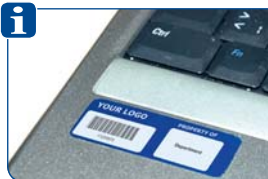


## POLYESTER LABELS

- Various types of high resistant polyester materials for relays, solenoids, PCB's, electronic components and more.



| Diagram                                    | Order Reference | Colour | Finish | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|--------------------------------------------|-----------------|--------|--------|-----------------------|------------------------|-----------------------|---------------------------|------------------------------|-------------------|
| <b>B-423: Polyester</b>                    |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                          | M71-1-423       | White  | Gloss  | 6.35                  | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-2-423       | White  | Gloss  | 6.35                  | 50.80                  |                       | 53.98                     | 100                          | M71-R6000HF       |
| ▲                                          | M71-3-423       | White  | Gloss  | 9.53                  | 9.53                   |                       | 12.70                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-4-423       | White  | Gloss  | 10.16                 | 10.16                  |                       | 13.34                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-5-423       | White  | Gloss  | 12.70                 | 5.08                   |                       | 8.26                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-6-423       | White  | Gloss  | 12.70                 | 6.99                   |                       | 10.16                     | 750                          | M71-R6000HF       |
| ▲                                          | M71-7-423       | White  | Gloss  | 12.70                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                                          | BM71-7-423      | White  | Gloss  | 12.70                 | 12.70                  |                       | 15.88                     | 5000                         | M71-R6000HF       |
| ⊙                                          | M71C-500-423    | White  | Gloss  | 12.70                 | -                      | 15.24 m               | -                         | 1                            | M71-R6000HF       |
| ▲                                          | M71-9-423       | White  | Gloss  | 16.51                 | 5.08                   |                       | 8.26                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-10-423      | White  | Gloss  | 19.05                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-13-423      | White  | Gloss  | 22.86                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-14-423      | White  | Gloss  | 25.40                 | 4.75                   |                       | 8.26                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-15-423      | White  | Gloss  | 25.40                 | 6.99                   |                       | 10.16                     | 750                          | M71-R6000HF       |
| ▲                                          | M71-20-423      | White  | Gloss  | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R6000HF       |
| ▲                                          | BM71-17-423     | White  | Gloss  | 25.40                 | 12.70                  |                       | 15.88                     | 5000                         | M71-R6000HF       |
| ▲                                          | BM71-20-423     | White  | Gloss  | 25.40                 | 50.80                  |                       | 53.98                     | 1000                         | M71-R6000HF       |
| ▲                                          | BM71-16-423     | White  | Gloss  | 25.40                 | 9.53                   |                       | 12.70                     | 5000                         | M71-R6000HF       |
| ▲                                          | BM71-19-423     | White  | Gloss  | 25.40                 | 25.40                  |                       | 28.58                     | 2500                         | M71-R6000HF       |
| ▲                                          | M71-16-423      | White  | Gloss  | 25.40                 | 9.53                   |                       | 12.70                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-17-423      | White  | Gloss  | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-19-423      | White  | Gloss  | 25.40                 | 25.40                  |                       | 28.58                     | 250                          | M71-R6000HF       |
| ▲                                          | M71-25-423      | White  | Gloss  | 31.75                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-26-423      | White  | Gloss  | 31.75                 | 69.85                  |                       | 73.03                     | 100                          | M71-R6000HF       |
| ▲                                          | M71-27-423      | White  | Gloss  | 38.10                 | 3.18                   |                       | 6.35                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-28-423      | White  | Gloss  | 38.10                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-29-423      | White  | Gloss  | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                                          | BM71-29-423     | White  | Gloss  | 38.10                 | 12.70                  |                       | 15.88                     | 5000                         | M71-R6000HF       |
| ▲                                          | M71-38-423      | White  | Gloss  | 48.26                 | 101.60                 |                       | 104.78                    | 100                          | M71-R6000HF       |
| ▲                                          | M71-37-423      | White  | Gloss  | 76.20                 | 48.26                  |                       | 79.38                     | 100                          | M71-R6000HF       |
| <b>B-428: Metallised Polyester</b>         |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                          | M71-15-428      | Silver | Matt   | 25.40                 | 6.99                   |                       | 10.16                     | 750                          | M71-R4300         |
| ▲                                          | M71-17-428      | Silver | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R4300         |
| <b>B-459: Polyester</b>                    |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                          | M71-20-459      | White  | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 100                          | M71-R6000HF       |
| ▲                                          | M71-29-459      | White  | Matt   | 38.10                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-30-459      | White  | Matt   | 38.10                 | 19.05                  |                       | 22.23                     | 250                          | M71-R6000HF       |
| <b>B-473: Static Dissipative Polyester</b> |                 |        |        |                       |                        |                       |                           |                              |                   |
| ▲                                          | M71-6-473       | White  | Gloss  | 12.70                 | 6.99                   |                       | 10.16                     | 750                          | M71-R6000HF       |
| ▲                                          | M71-9-473       | White  | Gloss  | 16.51                 | 5.08                   |                       | 8.26                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-10-473      | White  | Gloss  | 19.05                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |
| ▲                                          | M71-16-473      | White  | Gloss  | 25.40                 | 9.53                   |                       | 12.70                     | 500                          | M71-R6000HF       |
| ▲                                          | M71-17-473      | White  | Gloss  | 25.40                 | 12.70                  |                       | 15.88                     | 500                          | M71-R6000HF       |
| ▶                                          | M71-28-473      | White  | Gloss  | 38.10                 | 6.35                   |                       | 9.53                      | 750                          | M71-R6000HF       |



### CUSTOM LABELS

Custom labels are also available. Contact your local Brady Distributor or Brady Customer Service for ordering information.



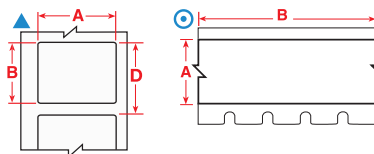
Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

# Security Identification Labels - BMP71 Ribbons



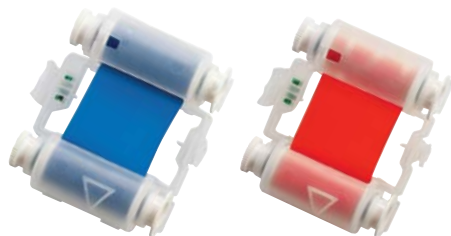
## SECURITY IDENTIFICATION LABELS

- Tamper-resistant tape destructs into tiny fragments when being removed, making any attempts to remove the label very difficult and time consuming.



| Diagram                                         | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon |
|-------------------------------------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|---------------------------|----------------|
| <b>B-351: Tamper-resistant Vinyl</b>            |                 |        |        |                    |                     |                    |                        |                           |                |
| ▲                                               | M71-17-351      | White  | Matt   | 25.40              | 12.70               | –                  | 15.88                  | 500                       | M71-R6000HF    |
| ▲                                               | M71-20-351      | White  | Matt   | 25.40              | 50.80               | –                  | 53.98                  | 100                       | M71-R6000HF    |
| ▲                                               | M71-31-351      | White  | Matt   | 38.10              | 25.40               | –                  | 28.58                  | 250                       | M71-R6000HF    |
| ▲                                               | M71-37-351      | White  | Matt   | 76.20              | 48.26               | –                  | 79.38                  | 100                       | M71-R6000HF    |
| <b>B-530: Tamper-resistant Vinyl</b>            |                 |        |        |                    |                     |                    |                        |                           |                |
| ⊙                                               | M71C-500-530    | White  | Gloss  | 12.70              | –                   | 15.24 m            | –                      | 1                         | M71-R6000HF    |
| ⊙                                               | M71C-1000-530   | White  | Gloss  | 25.40              | –                   | 15.24 m            | –                      | 1                         | M71-R6000HF    |
| ⊙                                               | M71C-2000-530   | White  | Gloss  | 50.80              | –                   | 15.24 m            | –                      | 1                         | M71-R6000HF    |
| <b>B-352: Tamper-resistant Metallised Vinyl</b> |                 |        |        |                    |                     |                    |                        |                           |                |
| ▲                                               | M71-20-352      | Silver | Matt   | 25.40              | 50.80               | –                  | 53.98                  | 100                       | M71-R6000HF    |
| ▲                                               | M71-17-352      | Silver | Matt   | 25.40              | 12.70               | –                  | 15.88                  | 500                       | M71-R6000HF    |
| ▲                                               | M71-31-352      | Silver | Matt   | 38.10              | 25.40               | –                  | 28.58                  | 250                       | M71-R6000HF    |
| ▲                                               | M71-37-352      | Silver | Matt   | 76.20              | 48.26               | –                  | 79.38                  | 100                       | M71-R6000HF    |

## BMP71 RIBBONS



| Order Reference | Colour  | Roll Width | Roll Length | Formulation | Notes / Details                                                                                                                                                                                       |
|-----------------|---------|------------|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M71-R6000HF     | Black   | 50.80      | 46.00       | Resin       | High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                                |
| M71-R4300       | Black   | 50.80      | 46.00       | Wax/Resin   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| M71-R6200       | Black   | 50.80      | 46.00       | Resin       | Designed for harsh environment labelling applications. Superior abrasion, chemical and heat resistance.                                                                                               |
| M71-R4400-WT    | White   | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-RD    | Red     | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-BL    | Blue    | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-GN    | Green   | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-MA    | Magenta | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-YL    | Yellow  | 50.80      | 46.00       | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6400       | Black   | 50.80      | 46.00       | Resin       | Ultra high chemical resistance at high temperatures. Superior solvent resistance.                                                                                                                     |
| M71-R6600       | Black   | 50.80      | 46.00       | Resin       | Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has excellent chemical and abrasion resistance.                                                   |
| M71-R6800-WT    | White   | 50.80      | 46.00       | Wax/Resin   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| M71-R6700-WT    | White   | 50.80      | 46.00       | Wax/Resin   | The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve™ materials. |

Full Material Properties on page 168



## Identification Labels for Benchtop Printing

Brady's benchtop printers are designed for high performance printing and labelling. With a wide range of applications, these desktop printers are able to print on a variety of materials including paper, polyester, PermaSleeve® wire markers and more.

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| Benchtop Printer Comparison Guide.....             | 66                      |
| BBP™11 Label Printer.....                          | 68                      |
| BBP11 Label Materials.....                         | 70                      |
| BBP™33 Label Printer.....                          | 74                      |
| BBP33 Label Materials.....                         | 76                      |
| BBP33 Ribbons.....                                 | 89                      |
| IP™Series Printer.....                             | 90                      |
| IP Series Label Materials.....                     | 101                     |
| BradyPrinter™ PR Plus Printer .....                | 92                      |
| Bradyprinter PR Plus Printer Label Materials ..... | 101                     |
| BBP™72 Double-sided Printer .....                  | 94                      |
| BBP72 Label Materials.....                         | 152, 154, 157, 161, 163 |
| Wraptor™ Wire ID Printer .....                     | 96                      |
| Wraptor™ Wire and Cable Materials.....             | 97                      |
| BSP™61 Print and Apply System.....                 | 98                      |



# Benchtop Printer Comparison Guide

Use the following comparison guide to quickly see which benchtop printer best fits your application needs. Then turn to the printer section to find out more about the printer, compatible materials and ribbons.



|                                                | BBP™11 Desktop Printer Series                                                                                                        | BBP™33 Label Printer                                                                                                                                                                                                                                                 | Brady IP™ Printer                                                                                                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Small, compact and economical, ideal for general purpose product identification and wire and cable marking.                          | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    | The revolutionary IP™ Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Lower volume applications requiring a small desktop footprint. Ideal for general ID, cable and wire ID, lower volume electronics ID. | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                          |
| <b>Printer Specifications</b>                  |                                                                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                           |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                  | 1000                                                                                                                                                                                                                                                                 | 5000                                                                                                                                                                                                                                                     |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                 | CodeSoft, LabelMark, MarkWare, Windows based driver for 3rd party software use                                                                                                                                                                                       | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                                                     |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                           | Monocolour                                                                                                                                                                                                                                                           | Monocolour                                                                                                                                                                                                                                               |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Internal Ethernet                                                                                             | Standard: USB, Ethernet. Optional: Wifi, Bluetooth                                                                                                                                                                                                                   | Standard: USB, Serial, Ethernet. Optional: Wifi                                                                                                                                                                                                          |
| <b>Stand-alone Printing (Detached from PC)</b> | Optional                                                                                                                             | No, peripheral only                                                                                                                                                                                                                                                  | Yes                                                                                                                                                                                                                                                      |
| <b>Cutter</b>                                  | No                                                                                                                                   | Standard, Built in                                                                                                                                                                                                                                                   | No                                                                                                                                                                                                                                                       |
| <b>Hardware Options</b>                        | Cutter, Peel Off, Media Holder, Stand-Alone Keyboard                                                                                 | -                                                                                                                                                                                                                                                                    | Cutter                                                                                                                                                                                                                                                   |
| <b>Internal Memory Capacity</b>                | 8 MB                                                                                                                                 | 4 GB                                                                                                                                                                                                                                                                 | 64 MB                                                                                                                                                                                                                                                    |
| <b>Memory - Ram/Flash</b>                      | 2MB                                                                                                                                  | 4 GB                                                                                                                                                                                                                                                                 | 8 MB                                                                                                                                                                                                                                                     |
| <b>Label Dimension Limits</b>                  | Max. Width: 118 mm<br>Min. Width: 12.70 mm<br>Min. Height: 6 mm                                                                      | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                     |
| <b>Maximum Print Width (mm)</b>                | 108.00 mm                                                                                                                            | 101.60 mm                                                                                                                                                                                                                                                            | 105.60 mm                                                                                                                                                                                                                                                |
| <b>Max. Print Speed (mm/sec)</b>               | 200 dpi version: 127 mm/sec<br>300 dpi version: 76.20 mm/sec                                                                         | 100 mm/second                                                                                                                                                                                                                                                        | 200 mm/sec                                                                                                                                                                                                                                               |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                         |
| <b>Print Resolution (dpi)</b>                  | 203 / 300                                                                                                                            | 300                                                                                                                                                                                                                                                                  | 300 / 600                                                                                                                                                                                                                                                |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| Raised Panel labels (B-593, B-7593)            | Not Recommended                                                                                                                      | B-593 only                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| Heatex™ Cable Markers                          | Not Recommended                                                                                                                      | Acceptable                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| PermaSleeves (B-342, B-345)                    | Not Recommended                                                                                                                      | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Recommended (single-sided format only)                                                                                                                                                                                                                   |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Not Recommended                                                                                                                      | Not applicable                                                                                                                                                                                                                                                       | Acceptable                                                                                                                                                                                                                                               |
| ZH PermaSleeve Markers (B-7641)                | Not Recommended                                                                                                                      | Not applicable                                                                                                                                                                                                                                                       | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| HX PermaSleeve Markers (B-7642)                | Not Recommended                                                                                                                      | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                          | Recommended                                                                                                                                                                                                                                                          | Recommended                                                                                                                                                                                                                                              |



# Benchtop Printer Comparison Guide



|                                                | BradyPrinter™ BP-PR Plus Series                                                                                                                                                                                             | BSP™61 Print and Apply System                                                                                                                                      | BBP™72 Double-sided Sleeve Printer                                                                               | Wraptor Wire ID Printer/Applicator                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The BradyPrinter BP-PR Plus series is a rugged industrial printer range that is an ideal printing solution that meets the professional needs of Product Identification and Traceability applications in industrial markets. | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       | Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes | Automated system that prints and applies labels to wire, cable and wire harnesses.                                                   |
| <b>Applications</b>                            | Higher volume applications and accommodates thicker and specialty materials. Ideal for ADM users, wire sleeves, wire labels, electronics ID, raised panel material, Nomex tags and more.                                    | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. | High Volume Permasleeve™ Wire Marking Sleeves Printing (double-sided format only).                               | Prints & wraps self-laminating and vinyl cloth materials to wires from 1.50 to 15.20 mm diameter. Prints and wraps within 5 seconds. |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                             |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                      |
| <b>Hours of Operation</b>                      | 24 hours/7 days                                                                                                                                                                                                             | 24 hours/ 7 days                                                                                                                                                   | 24 hours/7 days                                                                                                  | 24 hours/7 days                                                                                                                      |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                                                                                        | 7000                                                                                                                                                               | 7000                                                                                                             | 7000                                                                                                                                 |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                        | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                               | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                             | LabelMark                                                                                                                            |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                  | Monocolour                                                                                                                                                         | Monocolour                                                                                                       | Monocolour                                                                                                                           |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Ethernet (optional)                                                                                                                                                                                  | Serial, USB, Ethernet (optional)                                                                                                                                   | Serial, USB, Ethernet (optional)                                                                                 | USB, Serial, Ethernet (Wired Only)                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                         | Yes                                                                                                                                                                | Yes                                                                                                              | Yes                                                                                                                                  |
| <b>Cutter</b>                                  | No                                                                                                                                                                                                                          | Not applicable                                                                                                                                                     | No                                                                                                               | Not applicable                                                                                                                       |
| <b>Hardware Options</b>                        | Cutter, Cutter Perforator, Peel Off                                                                                                                                                                                         | Applicators                                                                                                                                                        | Cutter                                                                                                           | —                                                                                                                                    |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                       | 64 MB                                                                                                                                                              | 64 MB                                                                                                            | 16 MB                                                                                                                                |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                                                                                        | 8 MB                                                                                                                                                               | 8 MB                                                                                                             | 4 MB                                                                                                                                 |
| <b>Label Dimension Limits</b>                  | Max. Width: 116 mm or 176 mm (BP-PR-360Plus+ only)<br>Min. Width: 4 mm or 6 mm (BP-PR-360Plus+ only)<br>Min. Height: 5 mm                                                                                                   | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   | Max. Width: 106.00 mm<br>Min. Width: 4.00 mm<br>Min. Height: 5.00 mm                                             | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Min. Height: 19.05 mm                                                                 |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm or 162.60 mm (BP-PR-360Plus)                                                                                                                                                                                      | 57.00 mm (BSP61-62) or 105.60 mm (BSP61-34)                                                                                                                        | 105.60 mm                                                                                                        | 50.80 mm                                                                                                                             |
| <b>Max. Print Speed (mm/sec)</b>               | 254 mm/sec                                                                                                                                                                                                                  | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     | 125 mm/sec                                                                                                       | —                                                                                                                                    |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                            | Thermal Transfer                                                                                                                                                   | Thermal Transfer                                                                                                 | Thermal Transfer                                                                                                                     |
| <b>Print Resolution (dpi)</b>                  | 203 / 300 / 600                                                                                                                                                                                                             | 300 / 600                                                                                                                                                          | 300                                                                                                              | 300                                                                                                                                  |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                             |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                      |
| Raised Panel labels (B-593, B-7593)            | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                    |
| Heatex™ Cable Markers                          | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                    |
| PermaSleeves (B-342, B-345)                    | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended                                                                                                      | -                                                                                                                                    |
| ZH PermaSleeve Markers (B-7641)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| HX PermaSleeve Markers (B-7642)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                         | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                    |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                 | -                                                                                                                                                                  | -                                                                                                                | Recommended                                                                                                                          |



## BBP™11 LABEL PRINTER

**Efficiency, Versatility and Performance.  
Packed into one multi-use printer.**

From labels to wire markers and asset identification labels, the BBP™11 Label Printer gives you the versatility to print all your basic label types from one machine – saving costs, reducing downtime and simplifying your labelling.

### SIMPLE, EFFICIENT DESIGN

- Specially-designed small core media rolls and ribbons provide fast installation and reduce change-over time
- Compatible with 76 mm diameter core media rolls if using the external media holder (sold separately)
- Easy set-up & calibration
- Compact size won't clutter your workplace or bench

### PERFORMANCE

- Sharp 200 or 300 dpi printing on labels up to 118 mm wide
- Fast print speed: up to 76 mm per second (300 dpi) / 127 mm per second (200 dpi)
- Over 800 varieties of labels including external-feed bulk rolls and custom parts
- Centering ribbon spindle virtually eliminates ribbon wrinkling



25.40 mm small core materials designed specifically for the BBP™11 Label Printer.  
Media holder available for larger quantity bulk 76 mm core rolls.



While the BBP™11 label printer primarily uses 25.40 mm core materials for low to medium volume printing, an external media holder is available for purchase should high volume printing be needed.

This optional external media holder (Art.N° 361065) attaches to the back of the BBP™11 label printer, enabling customers to run larger 76 mm core rolls for high volume printing.

### Versatile Labelling Options



Circuit Board Labels



Asset Tracking Labels



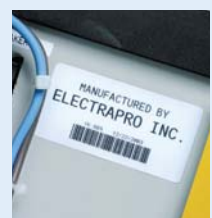
Voice & Data  
Communications



Wire Marker Labels &  
Sleeves



General Purpose Labels



...And More!

**Printer Specifications**

|                                                |                                                                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Small, compact and economical, ideal for general purpose product identification and wire and cable marking.                          |
| <b>Applications</b>                            | Lower volume applications requiring a small desktop footprint. Ideal for general ID, cable and wire ID, lower volume electronics ID. |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                       |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                  |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                 |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                           |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Internal Ethernet                                                                                             |
| <b>Stand-alone Printing (Detached from PC)</b> | Optional                                                                                                                             |
| <b>Cutter</b>                                  | No                                                                                                                                   |
| <b>Hardware Options</b>                        | Cutter, Peel Off, Media Holder, Stand-Alone Keyboard                                                                                 |
| <b>Internal Memory Capacity</b>                | 8 MB                                                                                                                                 |
| <b>Memory - Ram/Flash</b>                      | 2MB                                                                                                                                  |
| <b>Label Dimension Limits</b>                  | Max. Width: 118 mm<br>Min. Width: 12.70 mm<br>Min. Height: 6 mm                                                                      |
| <b>Maximum Print Width (mm)</b>                | 108.00 mm                                                                                                                            |
| <b>Max. Print Speed (mm/sec)</b>               | 200 dpi version: 127 mm/sec<br>300 dpi version: 76.20 mm/sec                                                                         |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                     |
| <b>Print Resolution (dpi)</b>                  | 203 / 300                                                                                                                            |
| <b>Height x Width x Depth</b>                  | 173.00 mm x 202.00 mm x 258.00 mm                                                                                                    |
| <b>Weight (kg)</b>                             | 2.50                                                                                                                                 |

**SPECIALTY MATERIAL RECOMMENDATIONS****Specialty Material Recommendations**

|                                    |                 |
|------------------------------------|-----------------|
| Self-laminating Labels (B-427)     | Recommended     |
| EPREP Labels (B-593, B-7593)       | Not Recommended |
| Heatex Cable Markers               | Not Recommended |
| PermaSleeve Markers (B-342, B-345) | Not Recommended |
| Diesel Resistant Sleeves (B-7646)  | Not Recommended |
| ZH PermaSleeve Markers (B-7641)    | Not Recommended |
| HX PermaSleeve Markers (B-7642)    | Not Recommended |

**BBP™11 PRINTER PART NUMBERS**

| Article No.    | Order Reference   | Description                                        |
|----------------|-------------------|----------------------------------------------------|
| <b>200 dpi</b> |                   |                                                    |
| 361066         | BBP11-24LEU + CS  | BBP11 200 dpi Printer with CodeSoft                |
| 710687         | BBP11-24LEU + LM  | BBP11 200 dpi Printer with LabelMark               |
| 361069         | BBP11-24LUK + CS  | BBP11 200 dpi UK Printer with CodeSoft             |
| 710690         | BBP11-24LUK + LM  | BBP11 200 dpi UK printer with LabelMark            |
| 361057         | BBP11-24LCEU + CS | BBP11 200 dpi Printer with Cutter and CodeSoft     |
| 710685         | BBP11-24LCEU + LM | BBP11 200 dpi Printer with Cutter and LabelMark    |
| 361059         | BBP11-24LCUK + CS | BBP11 200 dpi UK Printer with Cutter and CodeSoft  |
| 710686         | BBP11-24LCUK + LM | BBP11 200 dpi UK Printer with Cutter and LabelMark |
| <b>300 dpi</b> |                   |                                                    |
| 361072         | BBP11-34LEU + CS  | BBP11 300 dpi Printer with CodeSoft                |
| 710695         | BBP11-34LEU + LM  | BBP11 300 dpi Printer with LabelMark               |
| 361075         | BBP11-34LUK + CS  | BBP11 300 dpi UK Printer with CodeSoft             |
| 710698         | BBP11-34LUK + LM  | BBP11 300 dpi UK printer with LabelMark            |
| 361058         | BBP11-34LCEU + CS | BBP11 300 dpi Printer with Cutter and CodeSoft     |
| 710694         | BBP11-34LCEU + LM | BBP11 300 dpi Printer with Cutter and LabelMark    |
| 361060         | BBP11-34LCUK + CS | BBP11 300 dpi UK Printer with Cutter and CodeSoft  |
| 710693         | BBP11-34LCUK + LM | BBP11 300 dpi UK Printer with Cutter and LabelMark |

**BBP™11 PRINTER ACCESSORIES**

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 361061      | BBP11-C         | Cutter                                           |
| 361062      | BBP11-SK        | Stand Alone Keyboard                             |
| 361065      | BBP11-U         | External Material Holder                         |
| 361064      | BBP11-VP        | Peel and Present                                 |
| 133251      | PCK-6           | Printer Cleaning Kit - Thermal Transfer Printers |

**COMPLETE YOUR BBP11 LABEL PRINTING SOLUTION**

Take your label making muscle to even higher levels with the addition of Brady's powerful software solutions.

**Labelmark™ Labelling Software**

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labelling and general industrial applications.

**CodeSoft™ Label Design Software**

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

**BBP11 AND LABORATORY MATERIALS**

Brady offers a wide variety of materials that are ideal for the biotechnology, agricultural, environmental and forensic research industry and perfectly fit the BBP™11 Label Printer. These laboratory materials are designed to “match” existing vial, slide, and well plate sizes, and they hold up under tissue processing protocols, LN2, -70°C, Xylene, IPA, autoclave and other extreme conditions. Learn more about Brady's laboratory solutions at: [www.bradyeurope.com/lab](http://www.bradyeurope.com/lab).



Contact your Brady distributor for the Laboratory ID catalogue.

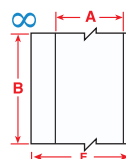
## GENERAL ID & ASSET TRACKING MATERIALS

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface.

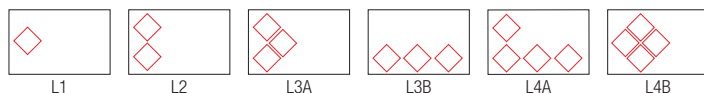
Durable thermal transfer printable materials ensure that labels identifying assets and property will stay in place and printed information and barcodes will remain legible and scannable even though subjected to harsh environments.

## CONTINUOUS MATERIALS

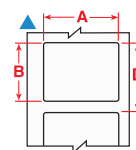
| Diagram      | Order Reference | Colour | Tape Width A (mm) | Tape Length B (m) | Ribbon Series |
|--------------|-----------------|--------|-------------------|-------------------|---------------|
| B-439: Vinyl |                 |        |                   |                   |               |
| ∞            | BPTC-63-439-OR  | Orange | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-GR  | Green  | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-PL  | Purple | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-BL  | Blue   | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-YL  | Yellow | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-RD  | Red    | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-BK  | Black  | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-63-439-WT  | White  | 63.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-OR  | Orange | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-GR  | Green  | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-PL  | Purple | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-BL  | Blue   | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-YL  | Yellow | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-RD  | Red    | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-BK  | Black  | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-83-439-WT  | White  | 83.00             | 40 m              | R6000         |
| ∞            | BPTC-110-439-OR | Orange | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-GR | Green  | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-PL | Purple | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-BL | Blue   | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-YL | Yellow | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-RD | Red    | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-BK | Black  | 110.00            | 40 m              | R6000         |
| ∞            | BPTC-110-439-WT | White  | 110.00            | 40 m              | R6000         |



## HAZARDOUS SUBSTANCES IDENTIFICATION



| Diagram       | Order Reference          | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------|--------------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| B-7610: Paper |                          |        |                    |                     |                        |                  |                |                    |               |
| ▲             | THTCLP-S-L1-7610-0.4-SC  | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L2-7610-0.4-SC  | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L3A-7610-0.4-SC | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L3B-7610-0.4-SC | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L4A-7610-0.4-SC | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L4B-7610-0.4-SC | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-M-L1-7610-0.3-SC  | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L2-7610-0.3-SC  | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L3A-7610-0.3-SC | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L3B-7610-0.3-SC | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L4A-7610-0.3-SC | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L4B-7610-0.3-SC | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-L-L1-7610-0.2-SC  | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L2-7610-0.2-SC  | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L3A-7610-0.2-SC | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L3B-7610-0.2-SC | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L4A-7610-0.2-SC | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L4B-7610-0.2-SC | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |

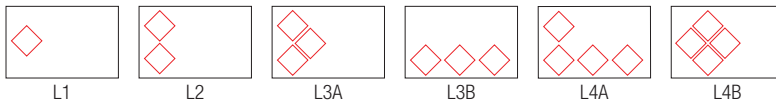


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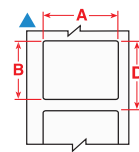
Full Material Properties on page 168



## HAZARDOUS SUBSTANCES IDENTIFICATION

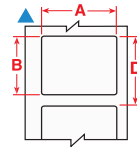


| Diagram                      | Order Reference          | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|------------------------------|--------------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| <b>B-7594: Polypropylene</b> |                          |        |                    |                     |                        |                  |                |                    |               |
| ▲                            | THTCLP-S-L1-7594-0.4-SC  | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-S-L2-7594-0.4-SC  | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-S-L3A-7594-0.4-SC | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-S-L3B-7594-0.4-SC | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-S-L4A-7594-0.4-SC | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-S-L4B-7594-0.4-SC | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000         |
| ▲                            | THTCLP-M-L1-7594-0.3-SC  | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-M-L2-7594-0.3-SC  | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-M-L3A-7594-0.3-SC | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-M-L3B-7594-0.3-SC | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-M-L4A-7594-0.3-SC | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-M-L4B-7594-0.3-SC | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000         |
| ▲                            | THTCLP-L-L1-7594-0.2-SC  | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |
| ▲                            | THTCLP-L-L2-7594-0.2-SC  | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |
| ▲                            | THTCLP-L-L3A-7594-0.2-SC | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |
| ▲                            | THTCLP-L-L3B-7594-0.2-SC | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |
| ▲                            | THTCLP-L-L4A-7594-0.2-SC | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |
| ▲                            | THTCLP-L-L4B-7594-0.2-SC | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000         |



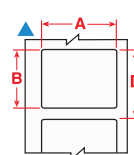
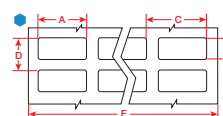
## LABELLING MATERIALS FOR PACKAGING

| Diagram                             | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|-------------------------------------|-----------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| <b>B-7604: Direct Thermal Paper</b> |                 |        |                    |                     |                        |                  |                |                    |               |
| ▲                                   | BPT-510-300     | White  | 25.40              | 76.20               | 79.20                  | 29.50            | 1              | 500                | -             |
| ▲                                   | BPT-999-007     | White  | 30.50              | 21.60               | 24.60                  | 34.00            | 1              | 1500               | -             |
| ▲                                   | BPT-512-105     | White  | 31.75              | 25.40               | 28.40                  | 35.00            | 1              | 1380               | -             |
| ▲                                   | BPT-522-075     | White  | 57.15              | 19.05               | 22.23                  | 59.94            | 1              | 1780               | -             |
| ▲                                   | BPT-522-125     | White  | 57.15              | 31.75               | 34.93                  | 59.94            | 1              | 1135               | -             |
| ▲                                   | BPT-522-205     | White  | 57.15              | 50.80               | 53.98                  | 59.94            | 1              | 735                | -             |
| ▲                                   | BPT-522-305     | White  | 57.15              | 76.20               | 79.38                  | 59.94            | 1              | 500                | -             |
| ▲                                   | BPT-522-405     | White  | 57.15              | 101.60              | 104.78                 | 59.94            | 1              | 380                | -             |
| ▲                                   | BPT-540-105     | White  | 101.60             | 25.40               | 28.58                  | 107.95           | 1              | 1310               | -             |
| ▲                                   | BPT-540-155     | White  | 101.60             | 38.10               | 41.28                  | 107.95           | 1              | 960                | -             |
| ▲                                   | BPT-540-250     | White  | 101.60             | 63.50               | 66.68                  | 107.95           | 1              | 640                | -             |
| ▲                                   | BPT-540-305     | White  | 101.60             | 76.20               | 79.38                  | 107.95           | 1              | 500                | -             |
| ▲                                   | BPT-540-405     | White  | 101.60             | 101.60              | 104.78                 | 107.95           | 1              | 380                | -             |
| ▲                                   | BPT-540-500     | White  | 101.60             | 127.00              | 130.18                 | 107.95           | 1              | 305                | -             |
| ▲                                   | BPT-540-600     | White  | 101.60             | 152.40              | 155.58                 | 107.95           | 1              | 250                | -             |
| <b>B-7608: Paper</b>                |                 |        |                    |                     |                        |                  |                |                    |               |
| ▲                                   | BPT-722-075     | White  | 57.15              | 19.05               | 22.23                  | 59.94            | 1              | 1135               | R7940         |
| ▲                                   | BPT-222-125     | White  | 57.15              | 31.75               | 34.93                  | 59.94            | 1              | 1135               | R7940         |
| ▲                                   | BPT-222-205     | White  | 57.15              | 50.80               | 53.98                  | 59.94            | 1              | 735                | R7940         |
| ▲                                   | BPT-222-305     | White  | 57.15              | 76.20               | 79.38                  | 59.94            | 1              | 500                | R7940         |
| ▲                                   | BPT-222-405     | White  | 57.15              | 101.60              | 104.78                 | 59.94            | 1              | 380                | R7940         |
| ▲                                   | BPT-740-155     | White  | 101.60             | 38.10               | 41.28                  | 107.95           | 1              | 960                | R7940         |
| ▲                                   | BPT-240-305     | White  | 101.60             | 76.20               | 79.38                  | 107.95           | 1              | 500                | R7940         |
| ▲                                   | BPT-240-405     | White  | 101.60             | 101.60              | 104.78                 | 107.95           | 1              | 380                | R7940         |
| ▲                                   | BPT-740-505     | White  | 101.60             | 127.00              | 130.18                 | 107.95           | 1              | 305                | R7940         |
| ▲                                   | BPT-240-605     | White  | 101.60             | 152.40              | 155.58                 | 107.95           | 1              | 250                | R7940         |



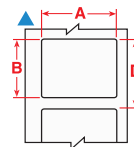
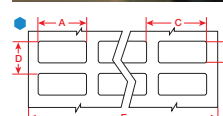
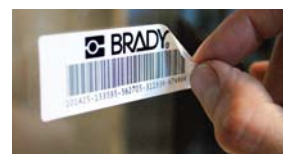
## PERMANENT MATERIALS

| Diagram                      | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|------------------------------|--------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| B-423: Polyester             |                    |        |                    |                     |                          |                        |                  |                |                    |               |
| ▲                            | THT-15-423-2.5-SC  | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |
| B-488: Polyester             |                    |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                            | THT-140-488-1.5-SC | White  | 22.86              | 19.05               | 25.40                    | 22.23                  | 53.34            | 2              | 1500               | R7950         |
| ▲                            | THT-164-488-1-SC   | White  | 22.86              | 22.86               | —                        | 25.40                  | 27.94            | 1              | 1000               | R7950         |
| ●                            | BPT-616-488        | White  | 22.86              | 19.05               | 25.86                    | 21.98                  | 80.58            | 3              | 3000               | R7950         |
| ●                            | BPT-617-488        | White  | 22.86              | 22.86               | 25.86                    | 25.86                  | 80.58            | 3              | 3000               | R7950         |
| ▲                            | BPT-635-488        | White  | 48.26              | 6.35                | —                        | 11.35                  | 54.26            | 1              | 2000               | R7950         |
| B-8423: Polyester            |                    |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                            | BPT-11-8423-2.5    | White  | 6.35               | 6.35                | 6.35                     | 9.31                   | 108.00           | 15             | 2500               | R6000         |
| ●                            | BPT-38-8423-2.5    | White  | 9.53               | 9.53                | 9.53                     | 12.53                  | 108.00           | 9              | 2500               | R6000         |
| ●                            | BPT-12-8423-2.5    | White  | 12.70              | 11.10               | 12.70                    | 14.13                  | 108.00           | 7              | 2500               | R6000         |
| ●                            | BPT- G2-8423-YL    | Yellow | 16.00              | 9.00                | 18.00                    | 17.00                  | 108.00           | 5              | 5000               | R6000         |
| ●                            | BPT-14-8423-2.5    | White  | 16.51              | 5.08                | 19.51                    | 8.08                   | 108.00           | 5              | 2500               | R6000         |
| ●                            | BPT-1-8423-2.5     | White  | 19.05              | 6.35                | 6.35                     | 9.40                   | 108.00           | 5              | 2500               | R6000         |
| ●                            | BPT- G3-8423-YL    | Yellow | 20.00              | 8.00                | 23.00                    | 15.00                  | 108.00           | 4              | 5000               | R6000         |
| ●                            | BPT-5-8423-2.5     | White  | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R6000         |
| ●                            | BPT-13-8423-2.5    | White  | 31.75              | 6.35                | 34.75                    | 9.35                   | 108.00           | 3              | 2500               | R6000         |
| ●                            | BPT-4-8423-2.5     | White  | 38.10              | 6.35                | 50.10                    | 9.35                   | 108.00           | 2              | 2500               | R6000         |
| ●                            | BPT-6-8423-2.5     | White  | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R6000         |
| ▲                            | BPT-17-8423-1      | White  | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R6000         |
| ▲                            | BPT-7-8423-1       | White  | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R6000         |
| B-7563: Metallised Polyester |                    |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                            | BPT-5-7563-2.5     | Silver | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R7960         |
| ●                            | BPT-6-7563-2.5     | Silver | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R7960         |
| ▲                            | BPT-17-7563-1      | Silver | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R7960         |
| ▲                            | BPT-7-7563-1       | Silver | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R7960         |
| ▲                            | BPT-19-7563-0.5    | Silver | 76.00              | 50.00               | —                        | 53.00                  | 108.00           | 1              | 500                | R7960         |



## REMOVABLE MATERIALS

| Diagram              | Order Reference   | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|----------------------|-------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| B-449: Polypropylene |                   |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                    | THT-6-449-1.5-SC  | White  | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 1500               | R7950         |
| ▲                    | THT-17-449-1.5-SC | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 1500               | R7950         |
| B-533: Polyester     |                   |        |                    |                     |                          |                        |                  |                |                    |               |
| ▲                    | THT-59-533-2.5-SC | White  | 25.40              | 12.70               | —                        | 15.20                  | 30.48            | 1              | 2500               | R6000         |
| ▲                    | THT-17-533-1.5-SC | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.88            | 1              | 1500               | R6000         |



Brady offers a complete asset tracking solution with the addition of CodeSoft™ Labelling Software and barcode readers. For more information on CodeSoft Software and barcode readers, view pages 16-18



## WIRE & CABLE ID

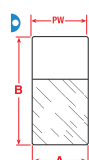
Brady offers a wide range of identification solutions for marking wires and cables.

Brady's wire and cable identification products are lab and field tested. They are proven to withstand harsh environments including extreme temperatures, liquids, chemical exposure, abrasion and more.

The label markers are extremely durable featuring an ultra resistant top coat formulation and ultra aggressive adhesive.

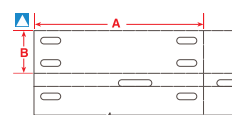
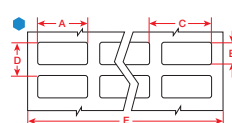
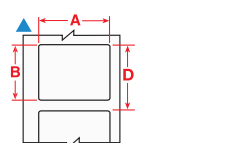
## SELF-LAMINATING WIRE & CABLE MARKERS

| Diagram                             | Order Reference | Colour            | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Package | Ribbon Series |
|-------------------------------------|-----------------|-------------------|--------------------|---------------------|-------------------------------|-------------------------|-------------------------|--------------------|---------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                   |                    |                     |                               |                         |                         |                    |               |
|                                     | BPT-305-427     | White/Transparent | 12.70              | 31.75               | 12.70                         | 3.40                    | 6.10                    | 7000               | R7950         |
|                                     | BPT-211-427     | White/Transparent | 25.40              | 25.40               | 9.53                          | 2.70                    | 5.10                    | 3000               | R7950         |
|                                     | BPT-311-427     | White/Transparent | 25.40              | 31.75               | 12.70                         | 3.40                    | 6.10                    | 3000               | R7950         |
|                                     | BPT-511-427     | White/Transparent | 25.40              | 63.50               | 19.05                         | 6.70                    | 14.20                   | 3000               | R7950         |
|                                     | BPT-517-427     | White/Transparent | 38.10              | 63.50               | 19.05                         | 6.70                    | 14.20                   | 2000               | R7950         |



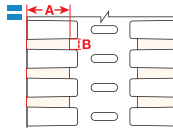
## WIRE & CABLE MARKING MATERIALS

| Diagram                         | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------|--------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| <b>B-498: Vinyl Cloth</b>       |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-611-498        | White  | 12.70              | 25.40               | 15.70                    | 28.40                  | 50.10            | 3              | 3000               | R7950         |
|                                 | THT-252-498-3-SC   | White  | 19.05              | 6.35                | —                        | 8.89                   | 25.40            | 1              | 3000               | R7950         |
|                                 | THT-254-498-1.5-SC | White  | 19.05              | 19.05               | —                        | 21.59                  | 25.40            | 1              | 1500               | R7950         |
|                                 | THT-253-498-3-SC   | White  | 25.40              | 4.80                | —                        | 7.31                   | 30.48            | 1              | 3000               | R7950         |
|                                 | BPT-659-498        | White  | 25.40              | 12.40               | —                        | 15.40                  | 30.48            | 1              | 1000               | R7950         |
|                                 | THT-59-498-2.5-SC  | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 2500               | R7950         |
|                                 | BPT-621-498        | White  | 25.40              | 36.50               | 28.40                    | 39.50                  | 88.20            | 3              | 3000               | R7950         |
|                                 | THT-199-498-3-SC   | White  | 26.67              | 6.35                | —                        | 8.89                   | 31.75            | 1              | 3000               | R7950         |
|                                 | THT-17-498-1.5-SC  | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 1500               | R7950         |
| <b>B-499: Nylon Cloth</b>       |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-611-499        | White  | 12.70              | 25.40               | 15.70                    | 28.40                  | 50.10            | 3              | 3000               | R7950         |
|                                 | BPT-620-499        | White  | 12.70              | 25.40               | —                        | 28.40                  | 25.40            | 1              | 1000               | R7950         |
|                                 | THT-125-499-1.5-SC | White  | 22.86              | 12.70               | —                        | 15.24                  | 27.94            | 1              | 1500               | R7950         |
|                                 | BPT-618-499        | White  | 22.86              | 38.10               | 25.86                    | 41.10                  | 50.10            | 3              | 3000               | R7950         |
|                                 | THT-152-499-1.5-SC | White  | 25.40              | 9.53                | 27.94                    | 12.07                  | 58.42            | 2              | 1500               | R7950         |
|                                 | BPT-659-499        | White  | 25.40              | 12.40               | —                        | 15.40                  | 30.48            | 1              | 1000               | R7950         |
|                                 | BPT-621-499        | White  | 25.40              | 36.50               | 28.40                    | 39.50                  | 88.20            | 3              | 3000               | R7950         |
|                                 | BPT-625-499        | White  | 25.40              | 66.68               | 28.40                    | 69.68                  | 88.20            | 3              | 1500               | R7950         |
|                                 | THT-136-499-1.5-SC | White  | 38.10              | 19.05               | —                        | 22.23                  | 27.94            | 1              | 1500               | R7950         |
|                                 | THT-151-499-1.5-SC | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 1500               | R7950         |
|                                 | THT-137-499-1.5-SC | White  | 50.80              | 25.40               | —                        | 28.58                  | 53.34            | 1              | 1500               | R7950         |
| <b>B-7597: Polyethylene Tag</b> |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-7597W-2050     | White  | 60.80              | 12.70               | —                        | 16.72                  | 60.80            | 1              | 2000               | R7950         |



## DURASLEEVE™ WIRE MARKERS

| Diagram                  | Order Reference       | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series  |
|--------------------------|-----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|----------------|
| <b>B-7696: Vinyl Tag</b> |                       |        |                    |                     |                          |                        |                  |                |                    |                |
|                          | BPTRDS-16x4,4-7696    | White  | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
|                          | BPTRDS-16x4,4-7696-YL | Yellow | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
|                          | BPTRDS-30x4,4-7696    | White  | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |
|                          | BPTRDS-30x4,4-7696-YL | Yellow | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |



### DuraSleeve Tag Carrier

DuraSleeve carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. This means that there are only seven different sizes of carriers which cater for cables with external diameters from 1.30 mm up to 24 mm.

See page 139 for more information.



See page 165 for a list of 12,70 mm diameter core - ink side out THT ribbons suitable for the BBP™11 Label printer.



## BBP™33 LABEL PRINTER

**Unbelievably easy. No wasted labels.  
The way label making should be.**

BBP™33 Label Printer - a whole new way to make labels. No more tedious, time-consuming setups or calibrations. No more difficult-to-load materials. No more wasted labels. No more hassle. This printer is so simple to use, most of our customers don't even believe us the first time we show them. But believe it, because it really is that easy.

It's an industrial label printer that's simple, powerful and brilliantly fast. Exactly the way label making should be.

**No calibration. No wasted labels.** The printer "reads" your cartridges and then automatically sets up the label correctly in your Brady software.

So there's:

- No wasted labels (hits the first label!)
- No sensor adjustment
- No need to specify if gapped or notched material
- No print speed or burn temp trials and errors
- No need to set up label dimensions in software
- No importing label file patches into software
- No scrolling through lists to select your label part



### VIEW ONLINE



Visit [www.bradyeurope.com/bbp33](http://www.bradyeurope.com/bbp33) or scan this code for more information on the BBP33 Label Printer.

### RECORD FAST MATERIAL CHANGEOVERS

- Ribbon and label changeovers, in as fast as 20 seconds!
- Foolproof "drop-in" ribbon and label cartridges
- No threading the ribbon around spools and printheads
- Ink side of ribbon always faces the right way
- Easy-to-handle cartridges that won't roll away or get damaged



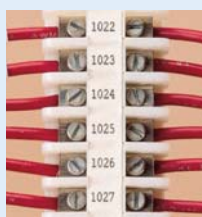
### IMPRESSIVE MATERIAL LINEUP

- With over 400 parts in over 30 different materials, this printer meets your primary labelling needs, and so much more
- Wire & panel labels
- General purpose die cut labels
- Rating plates & circuit board labels

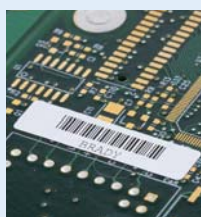
### Brady Materials Made To Impress.



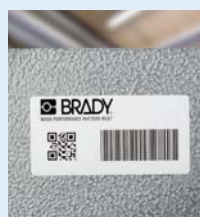
Industrial Labelling



Terminal Block Markers



Circuit Board Labelling



Product Identification



Control Panel Labelling



Wire & Cable Labels  
and more!



## Printer Specifications

|                                                |                                                                                                                                                                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    |
| <b>Applications</b>                            | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                                       |
| <b>Recommended Usage per Day</b>               | 1000                                                                                                                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, MarkWare, Windows based driver for 3rd party software use                                                                                                                                                                                       |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                           |
| <b>Connectivity Options</b>                    | Standard: USB, Ethernet. Optional: Wifi, Bluetooth                                                                                                                                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | No, peripheral only                                                                                                                                                                                                                                                  |
| <b>Cutter</b>                                  | Standard, Built in                                                                                                                                                                                                                                                   |
| <b>Hardware Options</b>                        | -                                                                                                                                                                                                                                                                    |
| <b>Internal Memory Capacity</b>                | 4 GB                                                                                                                                                                                                                                                                 |
| <b>Memory - Ram/Flash</b>                      | 4 GB                                                                                                                                                                                                                                                                 |
| <b>Label Dimension Limits</b>                  | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    |
| <b>Maximum Print Width (mm)</b>                | 101.60 mm                                                                                                                                                                                                                                                            |
| <b>Max. Print Speed (mm/sec)</b>               | 100 mm/second                                                                                                                                                                                                                                                        |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                     |
| <b>Print Resolution (dpi)</b>                  | 300 dpi                                                                                                                                                                                                                                                              |
| <b>Height x Width x Depth</b>                  | 241.60 mm x 230.60 mm x 304.80 mm                                                                                                                                                                                                                                    |
| <b>Weight (kg)</b>                             | 5.30 kg                                                                                                                                                                                                                                                              |

## SPECIALTY MATERIAL RECOMMENDATIONS

### Specialty Material Recommendations

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| Raised Panel labels (B-593, B-7593) | B-593 only                                                          |
| PermaSleeves (B-342, B-345)         | Recommended (With 2-pass reinsert of media for double-sided format) |
| HX PermaSleeves Markers (B-7642)    | Recommended (With 2-pass reinsert of media for double-sided format) |
| Self-laminating Labels (B-427)      | Recommended                                                         |



## PRINTER PART NUMBERS

| Article No. | Order Reference            | Description                                                              |
|-------------|----------------------------|--------------------------------------------------------------------------|
| 711071      | BBP33 EU Printer           | BBP33 Sign and Label Printer - 220V                                      |
| 711072      | BBP33 EU Printer + LM      | BBP33 Sign and Label Printer - 220V with LabelMark Software              |
| 711073      | BBP33 EU Printer + MW      | BBP33 Sign and Label Printer - 220V with MarkWare Software               |
| 711074      | BBP33 EU Printer + LM & MW | BBP33 Sign and Label Printer - 220V with LabelMark and MarkWare Software |
| 711075      | BBP33 UK Printer           | BBP33 Sign and Label Printer - 240V                                      |
| 711076      | BBP33 UK Printer + LM      | BBP33 Sign and Label Printer - 240V with LabelMark SoftWare              |
| 711077      | BBP33 UK Printer + MW      | BBP33 Sign and Label Printer - 240V with MarkWare SoftWare               |
| 711078      | BBP33 UK Printer + LM & MW | BBP33 Sign and Label Printer - 240V with LabelMark and MarkWare SoftWare |

BBP33 Label Printer ships with printer, power cord, USB cable, drivers CD, cleaning kit and quick start guide.

## BBP™33 PRINTER ACCESSORIES

| Article No. | Order Reference | Description                      |
|-------------|-----------------|----------------------------------|
| 120994      | B30-TROLLEY     | Trolley for BBP33                |
| 142114      | B30-WIPER       | Media Wiper 5 Pack               |
| 142116      | B30-CCT         | Cutter Cleaning Tool for BBP33   |
| 142266      | NET-WIFI        | Bluetooth/WiFi Network Card      |
| 142267      | NET-LAN         | LAN Network Card                 |
| 142268      | NET-BT-WIFI-LAN | Bluetooth/WiFi/ LAN Network Card |

## COMPLETE YOUR BBP™33 LABEL PRINTING SOLUTION

Take your label-making muscle to even higher levels with the addition of Brady's powerful software solutions.



### Labelmark™ Labelling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labelling and general industrial applications.



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.



### MarkWare™ Facility Identification Software

Create custom safety signs & labels including pipe markers, safety signs, Lockout tags, CLP/GHS labels, RTK chemical labels and custom labels with barcodes and graphics.



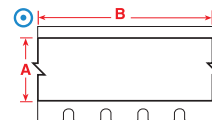
## High Performance Indoor/Outdoor Vinyl

FOR GENERAL FACILITY AND SAFETY IDENTIFICATION: OUR BEST INDUSTRIAL VINYL YET



- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to “difficult” low-surface energy items (PVC piping, blow-moulded equipment cases, ABS plastics, recycled plastics)

| Diagram       | Order Reference  | Colour | Size - Width A (mm) | Size - Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|------------------|--------|---------------------|---------------------|----------------|-----------------|--------------------|
| B-595 : Vinyl |                  |        |                     |                     |                |                 |                    |
| ⊙             | B30C-500-595-BK  | Black  | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-BL  | Blue   | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-BR  | Brown  | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-CL  | Clear  | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-500-595-GD  | Gold   | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-500-595-GN  | Green  | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-GY  | Grey   | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-500-595-OR  | Orange | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-500-595-PL  | Purple | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-RD  | Red    | 12.70               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-500-595-WT  | White  | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-500-595-YL  | Yellow | 12.70               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-BK | Black  | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-BL | Blue   | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-BR | Brown  | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-CL | Clear  | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-GD | Gold   | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-GN | Green  | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-GY | Grey   | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-OR | Orange | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-PL | Purple | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-RD | Red    | 29.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-1125-595-WT | White  | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-1125-595-YL | Yellow | 29.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-BK | Black  | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-BL | Blue   | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-BR | Brown  | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-CL | Clear  | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-GD | Gold   | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-GN | Green  | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-GY | Grey   | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-OR | Orange | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-PL | Purple | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-RD | Red    | 57.00               | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-2250-595-WT | White  | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-2250-595-YL | Yellow | 57.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-3000-595-WT | White  | 75.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-3000-595-YL | Yellow | 75.00               | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-BK | Black  | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-BL | Blue   | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-BR | Brown  | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-CL | Clear  | 101.00              | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-GD | Gold   | 101.00              | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-GN | Green  | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-GY | Grey   | 101.00              | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-OR | Orange | 101.00              | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-PL | Purple | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-RD | Red    | 101.00              | 30.40               | 1              | 1               | B30-R10000-WT      |
| ⊙             | B30C-4000-595-WT | White  | 101.00              | 30.40               | 1              | 1               | B30-R10000         |
| ⊙             | B30C-4000-595-YL | Yellow | 101.00              | 30.40               | 1              | 1               | B30-R10000         |



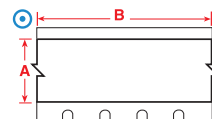
## INDOOR/OUTDOOR VINYL

GENERAL PURPOSE INDUSTRIAL VINYL FOR INDOOR/OUTDOOR USAGE

- High gloss, durable and flexible identification material
- Adheres to difficult low surface energy materials
- Can handle up to 75°C, which meets industry maintenance temperatures
- Low-shrink Vinyl



| Diagram        | Order Reference   | Colour | Size - Width A (mm) | Size - Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|----------------|-------------------|--------|---------------------|---------------------|----------------|-----------------|--------------------|
| B-7569 : Vinyl |                   |        |                     |                     |                |                 |                    |
| ⊙              | B30C-500-7569-BK  | Black  | 12.70               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-500-7569-BL  | Blue   | 12.70               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-500-7569-GN  | Green  | 12.70               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-500-7569-OR  | Orange | 12.70               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-500-7569-RD  | Red    | 12.70               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-500-7569-WT  | White  | 12.70               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-500-7569-YL  | Yellow | 12.70               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-1125-7569-BK | Black  | 29.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-1125-7569-BL | Blue   | 29.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-1125-7569-GN | Green  | 29.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-1125-7569-OR | Orange | 29.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-1125-7569-RD | Red    | 29.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-1125-7569-WT | White  | 29.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-1125-7569-YL | Yellow | 29.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-2250-7569-BK | Black  | 57.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-2250-7569-BL | Blue   | 57.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-2250-7569-GN | Green  | 57.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-2250-7569-OR | Orange | 57.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-2250-7569-RD | Red    | 57.00               | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-2250-7569-WT | White  | 57.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-2250-7569-YL | Yellow | 57.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-3000-7569-WT | White  | 75.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-3000-7569-YL | Yellow | 75.00               | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-4000-7569-BK | Black  | 101.00              | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-4000-7569-BL | Blue   | 101.00              | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-4000-7569-GN | Green  | 101.00              | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-4000-7569-OR | Orange | 101.00              | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-4000-7569-RD | Red    | 101.00              | 30.00               | 1              | 1               | B30-R10000-WT      |
| ⊙              | B30C-4000-7569-WT | White  | 101.00              | 30.00               | 1              | 1               | B30-R10000         |
| ⊙              | B30C-4000-7569-YL | Yellow | 101.00              | 30.00               | 1              | 1               | B30-R10000         |



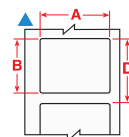
## PRE-CUT BLANK LABELS

FOR GENERAL PURPOSE, PEEL-OFF-AND-APPLY IDENTIFICATION

- Ideal for a wide range of labelling applications
- Indoor/Outdoor grade material



| Diagram        | Order Reference    | Colour | Size - Width A (mm) | Size - Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|----------------|--------------------|--------|---------------------|----------------------|----------------|-----------------|--------------------|
| B-7569 : Vinyl |                    |        |                     |                      |                |                 |                    |
| ▲              | B30-25-7569-WT     | White  | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
| ▲              | B30-25-7569-YL     | Yellow | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
| ▲              | B30-242-7569-WT    | White  | 29.00               | 72.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-241-7569-WT    | White  | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-241-7569-YL    | Yellow | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-219-7569-WT    | White  | 57.00               | 98.00                | 1              | 250             | B30-R10000         |
| B-595 : Vinyl  |                    |        |                     |                      |                |                 |                    |
| ▲              | B30-25-595-BLNKWT  | White  | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
| ▲              | B30-25-595-BLNKYL  | Yellow | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
| ▲              | B30-242-595-BLNKWT | White  | 29.00               | 72.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-241-595-BLNKWT | White  | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-241-595-BLNKYL | Yellow | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲              | B30-219-595-BLNKWT | White  | 57.00               | 98.00                | 1              | 250             | B30-R10000         |



B30-R10000 coloured ribbons can also be used on these parts

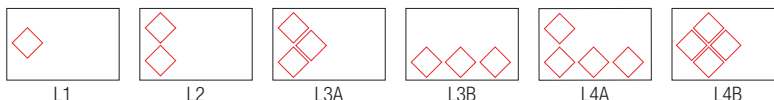
Full Material Properties on page 168.



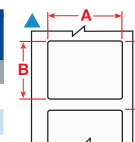
## PRE-PRINTED GHS/CLP CHEMICAL LABELS

PRINT 2 COLOUR GHS LABELS IN ONE FAST PRINT PASS!

- Blank labels with pre-printed red diamonds allow printer to produce 2 colour GHS/CLP labels in one print pass
- 3 sizes of labels, each with 6 different diamond layouts that match templates in MarkWare™ Software
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling
- MarkWare Software 3.9.1 or higher required (upgrades available for current MarkWare owners)



| Diagram        | Order Reference    | Layout | Size - Width A (mm) | Size - Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|----------------|--------------------|--------|---------------------|----------------------|----------------|-----------------|--------------------|
| B-7569 : Vinyl |                    |        |                     |                      |                |                 |                    |
| ▲              | B30-260-7569-CLP1  | L1     | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-260-7569-CLP2  | L2     | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-260-7569-CLP3A | L3A    | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-260-7569-CLP3B | L3B    | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-260-7569-CLP4A | L4A    | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-260-7569-CLP4B | L4B    | 55.00               | 85.00                | 1              | 340             | B30-R10000         |
| ▲              | B30-261-7569-CLP1  | L1     | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-261-7569-CLP2  | L2     | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-261-7569-CLP3A | L3A    | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-261-7569-CLP3B | L3B    | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-261-7569-CLP4A | L4A    | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-261-7569-CLP4B | L4B    | 75.00               | 110.00               | 1              | 270             | B30-R10000         |
| ▲              | B30-262-7569-CLP1  | L1     | 105.00              | 155.00               | 1              | 200             | B30-R10000         |
| ▲              | B30-262-7569-CLP2  | L2     | 105.00              | 155.00               | 1              | 200             | B30-R10000         |
| ▲              | B30-262-7569-CLP3A | L3A    | 105.00              | 155.00               | 1              | 200             | B30-R10000         |
| ▲              | B30-262-7569-CLP3B | L3B    | 105.00              | 155.00               | 1              | 200             | B30-R10000         |
| ▲              | B30-262-7569-CLP4A | L4A    | 105.00              | 155.00               | 1              | 200             | B30-R10000         |
| ▲              | B30-262-7569-CLP4B | L4B    | 105.00              | 155.00               | 1              | 200             | B30-R10000         |



## MARKWARE™ SOFTWARE

INCLUDES A DEDICATED GHS/CLP MODULE

- 18 pre-formatted label layouts and approved GHS/CLP symbols are built-in - no need to set up the layout
- User selects approved pre-worded hazard statements and GHS/CLP symbols which then automatically populates into layout - no need to type anything
- Prompts for additional variable data which then auto-populates into layout
- Choose a second language and MarkWare auto-populates in the second language



| Article No. | Order Reference | Description                             |
|-------------|-----------------|-----------------------------------------|
| 710669      | MarkWare - EUR  | MarkWare Industrial Signmaking Software |



## HSID Labels

Supplied with pre-printed orange squares, ready for you to print the required warning. Visit [www.bradyeurope.com](http://www.bradyeurope.com) or contact your Brady distributor for more information.

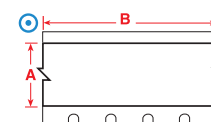


## NON-ADHESIVE CONTINUOUS TAG STOCK

FOR SAFETY, LOCKOUT AND GENERAL PURPOSE HANGING TAGS.

- Non-adhesive, polyester stock
- Easy to hole-punch; optional snap-in grommets available. Order Reference: 020596
- Meets OSHA 50lb pullout spec for lockout tags

| Diagram               | Order Reference  | Colour | Size - Width A (mm) | Size - Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|------------------|--------|---------------------|---------------------|----------------|-----------------|--------------------|
| B-551 : Polyester Tag |                  |        |                     |                     |                |                 |                    |
| ⊙                     | B30C-2500-551-WT | White  | 64.00               | 15.24               | 1              | 1               | B30-R10000         |
| ⊙                     | B30C-3250-551-WT | White  | 83.00               | 15.24               | 1              | 1               | B30-R10000         |
| ⊙                     | B30C-4250-551-WT | White  | 108.00              | 15.24               | 1              | 1               | B30-R10000         |



Full Material Properties on page 168.



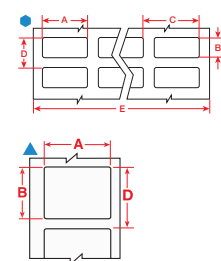
## POLYESTER LABELS

FOR GENERAL PURPOSE INDUSTRIAL ID APPLICATIONS

- Widely used for PC board component ID, bin and shelf labels, barcoding and asset tracking
- 3 levels of adhesive strength



| Diagram                                                                   | Order Reference | Brady Material No. | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------------------------------------------------------|-----------------|--------------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth, textured/rough or Highly textured/Low surface energy surfaces |                 |                    |        |                     |                      |                          |                        |                |                 |                    |
| ●                                                                         | B33-5-483       | B-483              | White  | 25.40               | 12.70                | 27.30                    | 15.20                  | 3              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-5-489       | B-489              | White  | 25.40               | 12.70                | 27.30                    | 15.20                  | 3              | 5000            | B30-R4300          |
| ▲                                                                         | B33-17-483      | B-483              | White  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-17-489      | B-489              | White  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲                                                                         | B33-19-483      | B-483              | White  | 76.20               | 50.80                | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| ▲                                                                         | B33-18-483      | B-483              | White  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-19-489      | B-489              | White  | 76.20               | 50.80                | -                        | 54.00                  | 1              | 500             | B30-R4300          |
| ▲                                                                         | B33-18-489      | B-489              | White  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| For smooth & textured/rough surfaces                                      |                 |                    |        |                     |                      |                          |                        |                |                 |                    |
| ▲                                                                         | B33-17-432      | B-432              | Clear  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 5000            | B30-R6000HF        |
| ▲                                                                         | B33-18-432      | B-432              | Clear  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-19-432      | B-432              | Clear  | 76.20               | 50.80                | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| For smooth surfaces                                                       |                 |                    |        |                     |                      |                          |                        |                |                 |                    |
| ●                                                                         | B33-12-8423     | B-8423             | White  | 12.70               | 11.10                | 12.70                    | 14.13                  | 7              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-101-8423    | B-8423             | White  | 19.05               | 6.35                 | 19.05                    | 9.40                   | 5              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-G2-8423YL   | B-8423             | Yellow | 20.00               | 8.00                 | 23.00                    | 15.00                  | 4              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-5-423       | B-423              | White  | 25.40               | 12.70                | 27.30                    | 15.20                  | 3              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-13-8423     | B-8423             | White  | 31.75               | 6.35                 | 34.75                    | 9.35                   | 3              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-104-8423    | B-8423             | White  | 38.10               | 6.35                 | 50.45                    | 9.33                   | 2              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-6-8423      | B-8423             | White  | 38.10               | 19.05                | 50.10                    | 22.05                  | 2              | 2500            | B30-R6000HF        |
| ▲                                                                         | B33-17-423      | B-423              | White  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-17-430      | B-430              | Clear  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-18-423      | B-423              | White  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-18-430      | B-430              | Clear  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |



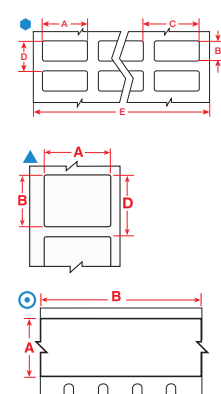
## METALLISED POLYESTER LABELS

FOR PRODUCT LABELLING, ASSET TRACKING AND GENERAL INDUSTRIAL ID.

- Silver metallic label withstands solvents and variable temperatures
- Ideal for serial number plates and rating plates with nameplate quality and metal looking finish



| Diagram             | Order Reference  | Brady Material No. | Colour | Size - Width A (mm) | Size - Height B (mm) | Size - Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------|------------------|--------------------|--------|---------------------|----------------------|---------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth surfaces |                  |                    |        |                     |                      |                     |                          |                        |                |                 |                    |
| ●                   | B33-616-428      | B-428              | Silver | 22.86               | 19.05                | -                   | 25.86                    | 22.05                  | 3              | 3000            | B30-R4300          |
| ●                   | B33-5-428        | B-428              | Silver | 25.40               | 12.70                | -                   | 27.30                    | 15.20                  | 3              | 5000            | B30-R4300          |
| ○                   | B30C-1125-565-SL | B-565              | Silver | 29.00               | -                    | 30.40               | -                        | -                      | 1              | 1               | B30-R10000         |
| ●                   | B33-6-7563       | B-7563             | Silver | 38.10               | 19.05                | -                   | 50.10                    | 22.05                  | 2              | 2500            | B30-R6000HF        |
| ●                   | B30-135-7563     | B-7563             | Silver | 38.10               | 19.05                | -                   | 50.80                    | 22.22                  | 2              | 3154            | B30-R6000HF        |
| ▲                   | B30-17-7563      | B-7563             | Silver | 50.80               | 25.40                | -                   | -                        | 28.57                  | 1              | 1226            | B30-R6000HF        |
| ▲                   | B30-17-438       | B-438              | Silver | 50.80               | 25.40                | -                   | -                        | 28.60                  | 1              | 1225            | B30-R4300          |
| ▲                   | B33-17-428       | B-428              | Silver | 50.80               | 25.40                | -                   | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ○                   | B30C-2250-565-SL | B-565              | Silver | 57.00               | -                    | 30.40               | -                        | -                      | 1              | 1               | B30-R10000         |
| ▲                   | B30-7-7563       | B-7563             | Silver | 69.85               | 31.75                | -                   | -                        | 34.92                  | 1              | 1003            | B30-R6000HF        |
| ○                   | B30C-3000-438    | B-438              | Silver | 75.00               | -                    | 30.40               | -                        | -                      | 1              | 1               | B30-R4300          |
| ▲                   | B30-222-7563     | B-7563             | Silver | 76.20               | 50.80                | -                   | -                        | 57.15                  | 1              | 649             | B30-R6000HF        |
| ▲                   | B30-18-438       | B-438              | Silver | 76.20               | 25.40                | -                   | -                        | 31.75                  | 1              | 1225            | B30-R4300          |
| ▲                   | B30-222-438      | B-438              | Silver | 76.20               | 50.80                | -                   | -                        | 57.15                  | 1              | 650             | B30-R4300          |
| ▲                   | B33-18-428       | B-428              | Silver | 76.20               | 25.40                | -                   | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ○                   | B30C-4000-565-SL | B-565              | Silver | 101.00              | -                    | 30.40               | -                        | -                      | 1              | 1               | B30-R10000         |

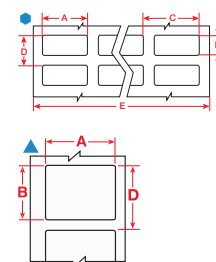


Full Material Properties on page 168.

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## METALLISED POLYESTER LABELS (CONTINUED)

| Diagram                                                                   | Order Reference | Brady Material No. | Colour | Size - Width A (mm) | Size - Height B (mm) | Size - Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------------------------------------------------------|-----------------|--------------------|--------|---------------------|----------------------|---------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth & textured/rough surfaces                                      |                 |                    |        |                     |                      |                     |                          |                        |                |                 |                    |
| ●                                                                         | B33-5-434       | B-434              | Silver | 25.40               | 12.70                | -                   | 27.30                    | 15.20                  | 3              | 5000            | B30-R6000HF        |
| ▲                                                                         | B33-17-434      | B-434              | Silver | 50.80               | 25.40                | -                   | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-18-434      | B-434              | Silver | 76.20               | 25.40                | -                   | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-19-434      | B-434              | Silver | 76.20               | 50.80                | -                   | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| For smooth, textured/rough or Highly textured/Low surface energy surfaces |                 |                    |        |                     |                      |                     |                          |                        |                |                 |                    |
| ●                                                                         | B33-5-486       | B-486              | Silver | 25.40               | 12.70                | -                   | 27.30                    | 15.20                  | 3              | 5000            | B30-R4300          |
| ▲                                                                         | B33-17-486      | B-486              | Silver | 50.80               | 25.40                | -                   | -                        | 28.60                  | 1              | 1300            | B30-R4300          |
| ▲                                                                         | B33-19-486      | B-486              | Silver | 76.20               | 50.80                | -                   | -                        | 54.00                  | 1              | 500             | B30-R4300          |
| ▲                                                                         | B33-18-486      | B-486              | Silver | 76.20               | 25.40                | -                   | -                        | 28.60                  | 1              | 1300            | B30-R4300          |

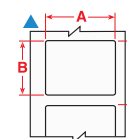


## PAPER LABELS

ECONOMICAL CHOICE FOR LIGHT DUTY GENERAL ID.

- White finish and matt topcoat
- Excellent contrast and smear resistance for barcode printing

| Diagram       | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|-----------------|--------|---------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| B-424 : Paper |                 |        |                     |                      |                        |                |                 |                    |
| ▲             | B33-25-424      | White  | 152.40              | 101.60               | 155.60                 | 1              | 350             | B30-R4300          |
| ▲             | B33-17-424      | White  | 50.80               | 25.40                | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲             | B33-18-424      | White  | 76.20               | 25.40                | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲             | B33-19-424      | White  | 76.20               | 50.80                | 54.00                  | 1              | 500             | B30-R4300          |

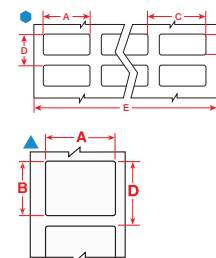


## POLYPROPYLENE LABELS

GENERAL LABELLING MATERIAL FOR INDOOR USE.

- Outstanding chemical and solvent resistance and print performance
- Not recommended for prolonged outdoor use (use B-595 indoor/outdoor vinyl for 8-10 year outdoor use)

| Diagram              | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|----------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-425: Polypropylene |                 |        |                     |                      |                          |                        |                |                 |                    |
| ●                    | B33-5-425       | White  | 25.40               | 12.70                | 27.30                    | 15.20                  | 3              | 5000            | B30-R4300          |
| ▲                    | B33-17-425      | White  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲                    | B33-18-425      | White  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲                    | B33-19-425      | White  | 76.20               | 50.80                | -                        | 54.00                  | 1              | 500             | B30-R4300          |



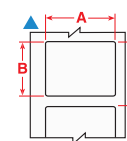
## OUTDOOR GRADE VINYL LABELS

FOR 8-10 YEAR OUTDOOR USE

- Semi-gloss finish
- Good chemical, moisture, UV and weather resistance
- Highly pliable material conforms to rough and curved surfaces and equipment
- Average outdoor durability of the label is 8-10 years depending on the placement

| Diagram       | Order Reference    | Colour | Size - Width A (mm) | Size - Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|--------------------|--------|---------------------|----------------------|----------------|-----------------|--------------------|
| B-595 : Vinyl |                    |        |                     |                      |                |                 |                    |
| ▲             | B30-242-595-BLNKWT | White  | 29.00               | 72.00                | 1              | 300             | B30-R10000         |
| ▲             | B30-241-595-BLNKWT | White  | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲             | B30-241-595-BLNKYL | Yellow | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
| ▲             | B30-219-595-BLNKWT | White  | 57.00               | 98.00                | 1              | 250             | B30-R10000         |
| ▲             | B30-25-595-BLNKWT  | White  | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
| ▲             | B30-25-595-BLNKYL  | Yellow | 101.00              | 152.00               | 1              | 175             | B30-R10000         |

B30-R10000 coloured ribbons can also be used on these parts



**i** Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The up to 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlamine is recommended for harsh environments - long term exposure to wind and rain.

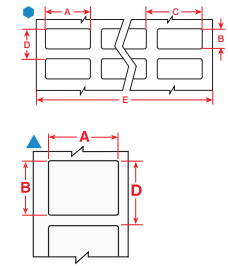
## STANDARD POLYIMIDE LABELS

FOR CIRCUIT BOARD LABELS AND HIGH-TEMPERATURE GENERAL ID APPLICATIONS

- Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards
- For use on top bottom-side component ID or board ID



| Diagram                  | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|--------------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| <b>B-724 : Polyimide</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                          | B33-14-724      | Amber  | 16.51               | 5.08                 | 17.80                    | 7.60                   | 4              | 5000            | B30-R4300          |
|                          | B33-2-724       | Amber  | 22.86               | 6.35                 | 28.60                    | 8.90                   | 3              | 5000            | B30-R4300          |
|                          | B33-4-724       | Amber  | 38.10               | 6.35                 | 41.91                    | 8.90                   | 2              | 5000            | B30-R4300          |
| <b>B-727 : Polyimide</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                          | B33-11-727      | White  | 6.35                | 6.35                 | 6.40                     | 9.50                   | 12             | 5000            | B30-R6000HF        |
|                          | B33-14-727      | White  | 16.51               | 5.08                 | 17.80                    | 7.60                   | 4              | 5000            | B30-R6000HF        |
|                          | B33-1-727       | White  | 19.05               | 6.35                 | 20.30                    | 8.90                   | 4              | 5000            | B30-R6000HF        |
|                          | B33-46-727      | White  | 19.05               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-49-727      | White  | 22.86               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-103-727     | White  | 25.40               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-58-727      | White  | 25.40               | 9.53                 | -                        | 12.10                  | 1              | 4000            | B30-R6000HF        |
|                          | B33-59-727      | White  | 25.40               | 12.70                | -                        | 15.20                  | 1              | 2500            | B30-R6000HF        |
|                          | B33-43-727      | White  | 31.75               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-44-727      | White  | 34.93               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-45-727      | White  | 38.10               | 6.35                 | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |



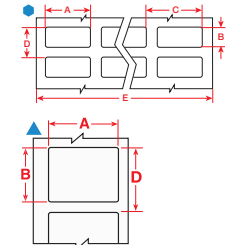
## STATIC DISSIPATIVE POLYIMIDE LABELS

FOR PRINTED CIRCUIT BOARD ID AND ELECTRONIC COMPONENT ID

- Static dissipative adhesive and release liner with surface resistivity values
- Complies with EIA-541 Packaging Material Standards for ESD sensitive items
- Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of PC Boards
- For use on top or bottom-sided component ID or board ID



| Diagram                  | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|--------------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| <b>B-717 : Polyimide</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                          | B33-14-717      | White  | 16.51               | 5.08                 | 17.80                    | 7.62                   | 4              | 5000            | B30-R6000HF        |
|                          | B33-43-717      | White  | 31.75               | 6.35                 | -                        | 7.62                   | 1              | 5000            | B30-R6000HF        |
| <b>B-718 : Polyimide</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                          | B33-14-718      | White  | 16.51               | 5.08                 | 17.80                    | 7.62                   | 4              | 5000            | B30-R6000HF        |
| <b>B-719 : Polyimide</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                          | B33-42-719      | White  | 25.40               | 4.75                 | -                        | 7.32                   | 1              | 5000            | B30-R6000HF        |
|                          | B33-43-719      | White  | 31.75               | 6.35                 | -                        | 8.89                   | 1              | 5000            | B30-R6000HF        |



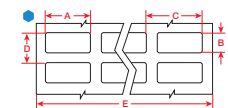
## POLYESTER LABELS

FOR CIRCUIT BOARD AND COMPONENT IDENTIFICATION

- SMT - Top/Bottom; Through Hole - Bottom; Through Hole - Top



| Diagram                   | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| <b>B-8423 : Polyester</b> |                 |        |                     |                      |                          |                        |                |                 |                    |
|                           | B33-12-8423     | White  | 12.70               | 11.10                | 12.70                    | 14.13                  | 7              | 2500            | B30-R6000HF        |
|                           | B33-101-8423    | White  | 19.05               | 6.35                 | 19.05                    | 9.40                   | 5              | 2500            | B30-R6000HF        |
|                           | B33-G2-8423YL   | Yellow | 20.00               | 8.00                 | 23.00                    | 15.00                  | 4              | 5000            | B30-R6000HF        |
|                           | B33-13-8423     | White  | 31.75               | 6.35                 | 34.75                    | 9.35                   | 3              | 2500            | B30-R6000HF        |
|                           | B33-104-8423    | White  | 38.10               | 6.35                 | 50.45                    | 9.33                   | 2              | 2500            | B30-R6000HF        |



Full Material Properties on page 168.



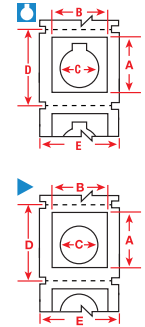
## RAISED PROFILE LABELS - PUSH BUTTON STYLE

LOWER COST THAN ENGRAVED LEGEND PLATES

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (total thickness = 0.65 mm)
- High performance, low cost substitute to engraved plates
- 10 year outdoor durability rating
- On-demand labelling: labels print out in less than 4 seconds
- 5 push button sizes (including keyed and non-keyed 22.50 mm and 30.50 mm hole diam keyed)



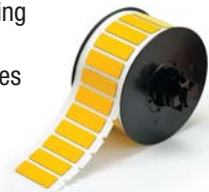
| Diagram          | Order Reference   | Colour | Size - Width A (mm) | Size - Height B (mm) | Hole Diameter (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------|-------------------|--------|---------------------|----------------------|--------------------|------------------------|----------------|-----------------|--------------------|
| B-593: Polyester |                   |        |                     |                      |                    |                        |                |                 |                    |
|                  | B30EP-167-593-WT  | White  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R6000HF        |
|                  | B30EP-167-593-RD  | Red    | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-167-593-YL  | Yellow | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R6000HF        |
|                  | B30EP-167-593-GN  | Green  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-167-593-BK  | Black  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-167U-593-WT | White  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R6000HF        |
|                  | B30EP-167U-593-RD | Red    | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-167U-593-YL | Yellow | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R6000HF        |
|                  | B30EP-167U-593-GN | Green  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-167U-593-BK | Black  | 38.10               | 30.48                | 22.50              | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                  | B30EP-169-593-WT  | White  | 45.72               | 45.72                | 30.50              | 50.80                  | 1              | 190             | B30-R6000HF        |
|                  | B30EP-169-593-RD  | Red    | 45.72               | 45.72                | 30.50              | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                  | B30EP-169-593-YL  | Yellow | 45.72               | 45.72                | 30.50              | 50.80                  | 1              | 190             | B30-R6000HF        |
|                  | B30EP-169-593-GN  | Green  | 45.72               | 45.72                | 30.50              | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                  | B30EP-169-593-BK  | Black  | 45.72               | 45.72                | 30.50              | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                  | B30EP-168-593-WT  | White  | 48.26               | 30.48                | 22.50              | 54.00                  | 1              | 180             | B30-R6000HF        |
|                  | B30EP-168-593-RD  | Red    | 48.26               | 30.48                | 22.50              | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                  | B30EP-168-593-YL  | Yellow | 48.26               | 30.48                | 22.50              | 54.00                  | 1              | 180             | B30-R6000HF        |
|                  | B30EP-168-593-GN  | Green  | 48.26               | 30.48                | 22.50              | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                  | B30EP-168-593-BK  | Black  | 48.26               | 30.48                | 22.50              | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                  | B30EP-170-593-WT  | White  | 60.96               | 60.96                | 30.50              | 66.70                  | 1              | 145             | B30-R6000HF        |
|                  | B30EP-170-593-RD  | Red    | 60.96               | 60.96                | 30.50              | 66.70                  | 1              | 145             | B30-R4400-WT       |
|                  | B30EP-170-593-YL  | Yellow | 60.96               | 60.96                | 30.50              | 66.70                  | 1              | 145             | B30-R6000HF        |
|                  | B30EP-170-593-GN  | Green  | 60.96               | 60.96                | 30.50              | 66.70                  | 1              | 145             | B30-R4400-WT       |
|                  | B30EP-170-593-BK  | Black  | 60.96               | 60.96                | 30.50              | 66.70                  | 1              | 145             | B30-R4400-WT       |



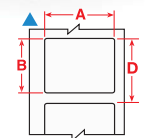
## RAISED PROFILE LABELS

LOWER COST THAN ENGRAVED LEGEND PLATES

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (0.65 mm)
- Ideal for inside-panel backer board labels and front-of-enclosure labelling
- On-demand labelling: labels print out in less than 4 seconds
- No need to abbreviate your text to avoid per character engraving charges
- 10-year outdoor durability rating
- 6 colours, 7 rectangular sizes



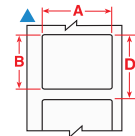
| Diagram          | Order Reference  | Colour | Size - Width A (mm) | Size - Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------|------------------|--------|---------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| B-593: Polyester |                  |        |                     |                      |                        |                |                 |                    |
|                  | B30EP-171-593-WT | White  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                  | B30EP-171-593-RD | Red    | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                  | B30EP-171-593-YL | Yellow | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                  | B30EP-171-593-GN | Green  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                  | B30EP-171-593-SL | Silver | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                  | B30EP-171-593-BK | Black  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                  | B30EP-172-593-WT | White  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                  | B30EP-172-593-RD | Red    | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                  | B30EP-172-593-YL | Yellow | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                  | B30EP-172-593-GN | Green  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                  | B30EP-172-593-SL | Silver | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                  | B30EP-172-593-BK | Black  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                  | B30EP-173-593-WT | White  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                  | B30EP-173-593-RD | Red    | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                  | B30EP-173-593-YL | Yellow | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                  | B30EP-173-593-GN | Green  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                  | B30EP-173-593-SL | Silver | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                  | B30EP-173-593-BK | Black  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                  | B30EP-175-593-WT | White  | 76.20               | 19.05                | 25.40                  | 1              | 435             | B30-R6000HF        |





## RAISED PROFILE LABELS CONTINUED

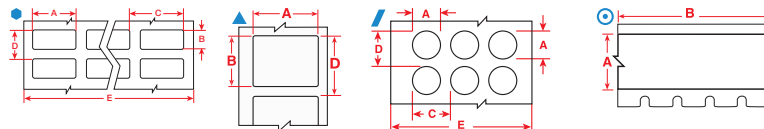
| Diagram | Order Reference  | Colour | Size - Width A (mm) | Size - Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------|------------------|--------|---------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| ▲       | B30EP-175-593-YL | Yellow | 76.20               | 19.05                | 25.40                  | 1              | 435             | B30-R6000HF        |
| ▲       | B30EP-175-593-GN | Green  | 76.20               | 19.05                | 25.40                  | 1              | 435             | B30-R4400-WT       |
| ▲       | B30EP-175-593-BK | Black  | 76.20               | 19.05                | 25.40                  | 1              | 435             | B30-R4400-WT       |
| ▲       | B30EP-176-593-WT | White  | 76.20               | 25.40                | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-176-593-YL | Yellow | 76.20               | 25.40                | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-176-593-GN | Green  | 76.20               | 25.40                | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-176-593-BK | Black  | 76.20               | 25.40                | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-177-593-WT | White  | 76.20               | 63.50                | 69.90                  | 1              | 125             | B30-R6000HF        |
| ▲       | B30EP-177-593-YL | Yellow | 76.20               | 63.50                | 69.90                  | 1              | 125             | B30-R6000HF        |
| ▲       | B30EP-177-593-GN | Green  | 76.20               | 63.50                | 69.90                  | 1              | 125             | B30-R4400-WT       |
| ▲       | B30EP-177-593-BK | Black  | 76.20               | 63.50                | 69.90                  | 1              | 125             | B30-R4400-WT       |
| ▲       | B30EP-174-593-WT | White  | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
| ▲       | B30EP-174-593-RD | Red    | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
| ▲       | B30EP-174-593-YL | Yellow | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
| ▲       | B30EP-174-593-GN | Green  | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
| ▲       | B30EP-174-593-SL | Silver | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
| ▲       | B30EP-174-593-BK | Black  | 101.60              | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |



## INSIDE-PANEL COMPONENT LABELS

FOR AUTOMATION & ELECTRICAL PANELS AND ENCLOSURES

- Various sizes in several durable material types
- Ideal for marking backer board, DIN rail, relays, PLCs, switches, solenoids, drive motors and other components
- All recommended materials are flexible and have high-tack adhesives for adhesion to wide variety of surfaces and components



| Diagram                   | Order Reference  | Colour | Size - Width A (mm) | Size - Height B (mm) | Size - Length B (m) | Size - Diam C (mm) | Vertical Repeat D (mm) | Horizontal Repeat C (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------|------------------|--------|---------------------|----------------------|---------------------|--------------------|------------------------|--------------------------|----------------|-----------------|--------------------|
| <b>B-483: Polyester</b>   |                  |        |                     |                      |                     |                    |                        |                          |                |                 |                    |
| ▲                         | B33-5-483        | White  | 25.40               | 12.70                | -                   | -                  | 15.20                  | 27.30                    | 3              | 5000            | B30-R6000HF        |
| ▲                         | B33-17-483       | White  | 50.80               | 25.40                | -                   | -                  | 28.60                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-18-483       | White  | 76.20               | 25.40                | -                   | -                  | 28.60                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-19-483       | White  | 76.20               | 50.80                | -                   | -                  | 54.00                  | -                        | 1              | 500             | B30-R6000HF        |
| <b>B-498: Vinyl Cloth</b> |                  |        |                     |                      |                     |                    |                        |                          |                |                 |                    |
| ●                         | B33-90-498       | White  | 6.35                | 36.50                | -                   | -                  | 39.70                  | 8.90                     | 6              | 2500            | B30-R6200          |
| ●                         | B33-68-498       | White  | 12.70               | 19.05                | -                   | -                  | 22.20                  | 15.20                    | 4              | 5000            | B30-R6200          |
| ●                         | B33-87-498       | White  | 12.70               | 36.50                | -                   | -                  | 39.70                  | 15.20                    | 6              | 2500            | B30-R6200          |
| ●                         | B33-1-498        | White  | 19.05               | 6.35                 | -                   | -                  | 8.90                   | 20.30                    | 4              | 5000            | B30-R6200          |
| ●                         | B33-95-498       | White  | 20.32               | 36.50                | -                   | -                  | 39.70                  | 22.90                    | 3              | 2300            | B30-R6200          |
| ●                         | B33-5-498        | White  | 25.40               | 12.70                | -                   | -                  | 15.20                  | 27.30                    | 3              | 5000            | B30-R6200          |
| ●                         | B33-88-498       | White  | 25.40               | 19.05                | -                   | -                  | 22.20                  | 27.90                    | 2              | 2500            | B30-R6200          |
| ●                         | B33-89-498       | White  | 25.40               | 36.50                | -                   | -                  | 39.70                  | 27.90                    | 3              | 2300            | B30-R6200          |
| <b>B-499: Nylon Cloth</b> |                  |        |                     |                      |                     |                    |                        |                          |                |                 |                    |
| ///                       | B33-143-499      | White  | -                   | -                    | -                   | 9.53               | 12.70                  | 12.10                    | 4              | 1500            | B30-R6000HF        |
| ///                       | B33-144-499      | White  | -                   | -                    | -                   | 12.70              | 15.90                  | 15.20                    | 3              | 1500            | B30-R6000HF        |
| ///                       | B33-602-499      | White  | -                   | -                    | -                   | 9.53               | 16.50                  | 12.53                    | 3              | 3000            | B30-R6000HF        |
| ///                       | B33-602-499YL    | Yellow | -                   | -                    | -                   | 9.53               | 16.50                  | 12.53                    | 3              | 3000            | B30-R6000HF        |
| ///                       | B33-603-499      | White  | -                   | -                    | -                   | 12.70              | 15.70                  | 15.70                    | 3              | 3000            | B30-R6000HF        |
| ///                       | B33-603-499YL    | Yellow | -                   | -                    | -                   | 12.70              | 15.70                  | 15.70                    | 3              | 3000            | B30-R6000HF        |
| ●                         | B33-68-499       | White  | 12.70               | 19.05                | -                   | -                  | 22.20                  | 15.20                    | 4              | 1500            | B30-R6000HF        |
| ●                         | B33-165-499      | White  | 20.32               | 36.50                | -                   | -                  | 39.70                  | 22.90                    | 4              | 2500            | B30-R6000HF        |
| ▲                         | B33-125-499      | White  | 22.86               | 12.70                | -                   | -                  | 15.24                  | -                        | 1              | 1500            | B30-R6000HF        |
| ●                         | B33-152-499      | White  | 25.40               | 9.53                 | -                   | -                  | 12.07                  | 27.94                    | 2              | 1500            | B30-R6000HF        |
| ▲                         | B33-137-499      | White  | 25.40               | 50.80                | -                   | -                  | 28.60                  | -                        | 1              | 1100            | B30-R6000HF        |
| ▲                         | B33-136-499      | White  | 38.10               | 19.05                | -                   | -                  | 16.50                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-151-499      | White  | 50.80               | 6.35                 | -                   | -                  | 8.90                   | -                        | 1              | 1500            | B30-R6000HF        |
| <b>B-593: Polyester</b>   |                  |        |                     |                      |                     |                    |                        |                          |                |                 |                    |
| ▲                         | B30EP-171-593-WT | White  | 26.92               | 12.70                | -                   | -                  | 19.10                  | -                        | 1              | 610             | B30-R6000HF        |
| ▲                         | B30EP-171-593-SL | Silver | 26.92               | 12.70                | -                   | -                  | 19.10                  | -                        | 1              | 610             | B30-R6000HF        |
| ▲                         | B30EP-171-593-BK | Black  | 26.92               | 12.70                | -                   | -                  | 19.10                  | -                        | 1              | 610             | B30-R4400-WT       |
| <b>B-595: Vinyl</b>       |                  |        |                     |                      |                     |                    |                        |                          |                |                 |                    |
| ○                         | B30C-500-595-WT  | White  | 12.70               | -                    | 30.40               | -                  | -                      | -                        | 1              | 1               | B30-R10000         |
| ○                         | B30C-500-595-YL  | Yellow | 12.70               | -                    | 30.40               | -                  | -                      | -                        | 1              | 1               | B30-R10000         |

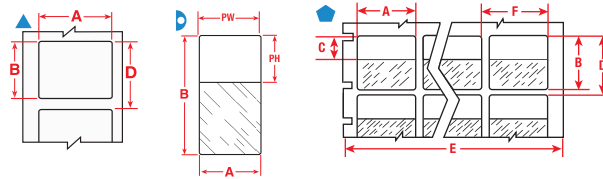
Full Material Properties on page 168.



## SELF-LAMINATING WIRE & CABLE MARKERS

BRADY'S MOST POPULAR WIRE MARKER!

- Features white printable area with clear "tail" that wraps around marker to protect text
- Superior resistance to abrasion, handling, solvents, water, oil and dirt
- Permanent acrylic adhesive designed specifically for tightly curved surfaces



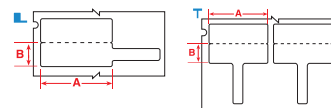
| Diagram                       | Order Reference | Colour            | Size - Width A (mm) | Size - Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Horizontal Repeat C (mm) | Labels per Row | Labels per Roll | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Recommended Ribbon |
|-------------------------------|-----------------|-------------------|---------------------|----------------------|------------------------------|-------------------------------|------------------------|--------------------------|----------------|-----------------|-------------------------|-------------------------|--------------------|
| B-427 : Self-laminating Vinyl |                 |                   |                     |                      |                              |                               |                        |                          |                |                 |                         |                         |                    |
| ⬢                             | B33-80-427      | White/Transparent | 12.70               | 19.05                | 12.70                        | 9.53                          | 24.10                  | 15.20                    | 4              | 2500            | 2.00                    | 3.00                    | B30-R4300          |
| ⬢                             | B33-113-427     | White/Transparent | 12.70               | 25.40                | 12.70                        | 9.53                          | 28.60                  | 15.20                    | 4              | 2500            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-8-427       | White/Transparent | 12.70               | 36.50                | 12.70                        | 12.70                         | 41.30                  | 16.80                    | 5              | 5000            | 3.90                    | 7.60                    | B30-R4300          |
| ⬢                             | B33-56-427      | White/Transparent | 19.05               | 23.81                | 19.05                        | 9.53                          | 28.60                  | 20.30                    | 4              | 5000            | 2.50                    | 4.50                    | B30-R4300          |
| ⬢                             | B33-73-427      | White/Transparent | 19.05               | 44.45                | 19.05                        | 12.70                         | 47.60                  | 20.30                    | 4              | 3500            | 4.70                    | 10.10                   | B30-R4300          |
| ⬢                             | B33-74-427      | White/Transparent | 20.32               | 36.50                | 20.32                        | 12.70                         | 41.30                  | 20.30                    | 4              | 4000            | 3.90                    | 7.60                    | B30-R4300          |
| ⬢                             | B33-81-427      | White/Transparent | 25.40               | 152.40               | 25.40                        | 38.10                         | 157.10                 | 27.90                    | 2              | 500             | 16.20                   | 36.40                   | B30-R4300          |
| ⬢                             | B33-116-427     | White/Transparent | 25.40               | 25.40                | 25.40                        | 9.53                          | 28.60                  | 27.90                    | 2              | 2500            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-211-427     | White/Transparent | 25.40               | 25.40                | 25.40                        | 9.53                          | 32.13                  | 29.74                    | 3              | 3000            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-311-427     | White/Transparent | 25.40               | 31.75                | 25.40                        | 12.70                         | 37.72                  | 28.50                    | 3              | 3000            | 3.40                    | 6.10                    | B30-R4300          |
| ⬢                             | B33-9-427       | White/Transparent | 25.40               | 36.50                | 25.40                        | 12.70                         | 41.30                  | 27.30                    | 3              | 2500            | 3.90                    | 7.60                    | B30-R4300          |
| ⬢                             | B33-75-427      | White/Transparent | 25.40               | 57.15                | 25.40                        | 19.05                         | 60.30                  | 27.90                    | 2              | 1400            | 6.10                    | 12.10                   | B30-R4300          |
| ⬢                             | B33-511-427     | White/Transparent | 25.40               | 63.50                | 25.40                        | 19.05                         | 70.64                  | 33.50                    | 3              | 1500            | 6.70                    | 14.20                   | B30-R4300          |
| ⬢                             | B33-10-427      | White/Transparent | 25.40               | 95.25                | 25.40                        | 25.40                         | 101.60                 | 27.30                    | 3              | 1200            | 10.10                   | 22.20                   | B30-R4300          |
| ⬢                             | B33-135-427AW   | White             | 38.10               | 19.05                | -                            | -                             | 22.22                  | -                        | 1              | 1500            | -                       | -                       | B30-R4300          |
| ⬢                             | B33-118-427     | White/Transparent | 38.10               | 25.40                | 38.10                        | 9.53                          | 28.60                  | -                        | 1              | 1250            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-119-427     | White/Transparent | 38.10               | 38.10                | 38.10                        | 12.70                         | 41.30                  | -                        | 1              | 1000            | 4.00                    | 8.10                    | B30-R4300          |
| ⬢                             | B33-517-427     | White/Transparent | 38.10               | 63.50                | 38.10                        | 19.05                         | 69.85                  | 49.00                    | 2              | 1000            | 6.70                    | 14.20                   | B30-R4300          |
| ⬢                             | B33-120-427     | White/Transparent | 44.45               | 25.40                | 44.45                        | 9.53                          | 28.60                  | -                        | 1              | 1250            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-121-427     | White/Transparent | 44.45               | 38.10                | 44.45                        | 12.70                         | 41.30                  | -                        | 1              | 1000            | 4.00                    | 8.10                    | B30-R4300          |
| ⬢                             | B33-137-427AW   | White             | 50.80               | 25.40                | -                            | -                             | 28.60                  | -                        | 1              | 1500            | -                       | -                       | B30-R4300          |
| ⬢                             | B33-27-427      | White/Transparent | 50.80               | 95.25                | 50.80                        | 25.40                         | 101.60                 | -                        | 1              | 400             | 10.10                   | 22.20                   | B30-R4300          |
| ⬢                             | B33-640-427AW   | White             | 55.88               | 38.10                | -                            | -                             | 45.08                  | -                        | 1              | 2000            | -                       | -                       | B30-R4300          |
| ⬢                             | B33-26-427      | White/Transparent | 63.50               | 57.15                | 63.50                        | 19.05                         | 61.90                  | -                        | 1              | 500             | 6.10                    | 12.10                   | B30-R4300          |
| ⬢                             | B33-131-427     | White/Transparent | 66.68               | 25.40                | 25.40                        | 25.40                         | 28.60                  | -                        | 1              | 1500            | 2.70                    | 5.10                    | B30-R4300          |
| ⬢                             | B33-648-427AW   | White             | 66.68               | 25.40                | -                            | -                             | 32.38                  | -                        | 1              | 2000            | -                       | -                       | B30-R4300          |



## FIBRE OPTIC LABELS

IDEAL FOR MARKING FIBRE OPTIC CABLES.

- Allows you to handle and view labels without touching the wires.



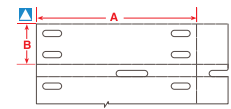
| Diagram               | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-425 : Polypropylene |                 |        |                     |                      |                          |                        |                |                 |                    |
| ⬢                     | B33FP-01-425    | White  | 30.00               | 10.00                | -                        | 26.03                  | 1              | 1000            | B30-R4300          |
| ⬢                     | B33FT-01-425    | White  | 30.00               | 10.00                | 33.00                    | 46.03                  | 2              | 1000            | B30-R4300          |

Full Material Properties on page 168.

## TEAR RESISTANT TAGS

THIS TAG CAN BE USED FOR A VARIETY OF APPLICATIONS INCLUDING IDENTIFICATION OF MULTI-CONDUCTOR CABLES, INVENTORY AND EQUIPMENT.

| Diagram                   | Order Reference | Colour | Size - Width<br>A (mm) | Size - Height<br>B (mm) | Vertical Repeat<br>D (mm) | Labels per<br>Row | Labels per<br>Roll | Recommended<br>Ribbon |
|---------------------------|-----------------|--------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------------------|
| B-7597 : Polyethylene Tag |                 |        |                        |                         |                           |                   |                    |                       |
|                           | B33-7597W-2050  | White  | 50.80                  | 12.70                   | 16.72                     | 1                 | 2000               | B30-R4300             |

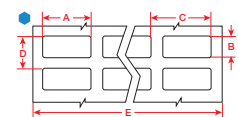


## REPOSITIONABLE VINYL CLOTH WIRE & CABLE MARKERS

HOLDS STRONG BUT CAN BE REMOVED CLEANLY AND RE-APPLIED.

- A vinyl cloth label for marking wires and cables
- Highly unique adhesive and cloth construction gives excellent holding power and still allows for clean removal and re-application
- Ideal choice for marking both ends of a wire that you may need to cut shorter before final termination

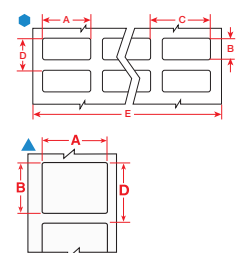
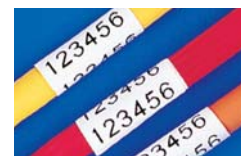
| Diagram             | Order Reference | Colour | Size - Width<br>A (mm) | Size - Height<br>B (mm) | Horizontal Repeat<br>C (mm) | Vertical Repeat<br>D (mm) | Labels per Row | Labels per Roll | Recommended<br>Ribbon |
|---------------------|-----------------|--------|------------------------|-------------------------|-----------------------------|---------------------------|----------------|-----------------|-----------------------|
| B-498 : Vinyl Cloth |                 |        |                        |                         |                             |                           |                |                 |                       |
|                     | B33-90-498      | White  | 6.35                   | 36.50                   | 8.90                        | 39.70                     | 6              | 2500            | B30-R6200             |
|                     | B33-87-498      | White  | 12.70                  | 36.50                   | 15.20                       | 39.70                     | 6              | 2500            | B30-R6200             |
|                     | B33-68-498      | White  | 12.70                  | 19.05                   | 15.20                       | 22.20                     | 4              | 5000            | B30-R6200             |
|                     | B33-14-498      | White  | 16.51                  | 5.08                    | 17.80                       | 7.60                      | 4              | 5000            | B30-R6200             |
|                     | B33-1-498       | White  | 19.05                  | 6.35                    | 20.30                       | 8.90                      | 4              | 5000            | B30-R6200             |
|                     | B33-91-498      | White  | 19.05                  | 23.80                   | 21.60                       | 27.00                     | 4              | 2500            | B30-R6200             |
|                     | B33-95-498      | White  | 20.32                  | 36.50                   | 22.90                       | 39.70                     | 3              | 2300            | B30-R6200             |
|                     | B33-165-498     | White  | 20.32                  | 36.50                   | 22.90                       | 39.70                     | 4              | 2500            | B30-R6200             |
|                     | B33-88-498      | White  | 25.40                  | 19.05                   | 27.90                       | 22.20                     | 2              | 2500            | B30-R6200             |
|                     | B33-5-498       | White  | 25.40                  | 12.70                   | 27.30                       | 15.20                     | 3              | 5000            | B30-R6200             |
|                     | B33-89-498      | White  | 25.40                  | 36.50                   | 27.90                       | 39.70                     | 3              | 2300            | B30-R6200             |

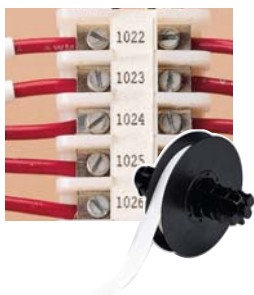


## WIRE & CABLE MARKERS

THIS NYLON CLOTH MATERIAL HAS SUPERB ADHESIVE POWER, MAKING IT A FLEXIBLE ALL SURFACES SOLUTION.

| Diagram             | Order Reference | Colour | Size - Width<br>A (mm) | Size - Height<br>B (mm) | Horizontal Repeat<br>C (mm) | Vertical Repeat<br>D (mm) | Labels per Row | Labels per Roll | Recommended<br>Ribbon |
|---------------------|-----------------|--------|------------------------|-------------------------|-----------------------------|---------------------------|----------------|-----------------|-----------------------|
| B-499 : Nylon Cloth |                 |        |                        |                         |                             |                           |                |                 |                       |
|                     | B33-611-499     | White  | 12.70                  | 25.40                   | 15.70                       | 28.40                     | 3              | 3000            | B30-R6000HF           |
|                     | B33-620-499     | White  | 12.70                  | 25.40                   | -                           | 28.40                     | 1              | 1000            | B30-R6000HF           |
|                     | B33-125-499     | White  | 22.86                  | 12.70                   | -                           | 15.24                     | 1              | 1500            | B30-R6000HF           |
|                     | B33-152-499     | White  | 25.40                  | 9.53                    | 27.94                       | 12.07                     | 2              | 1500            | B30-R6000HF           |
|                     | B33-621-499     | White  | 25.40                  | 36.50                   | 28.40                       | 39.50                     | 3              | 3000            | B30-R6000HF           |
|                     | B33-625-499     | White  | 25.40                  | 66.68                   | 28.40                       | 69.68                     | 3              | 1500            | B30-R6000HF           |
|                     | B33-659-499     | White  | 25.40                  | 12.40                   | -                           | 15.40                     | 1              | 1000            | B30-R6000HF           |
|                     | B33-151-499     | White  | 50.80                  | 6.35                    | -                           | 8.90                      | 1              | 1500            | B30-R6000HF           |



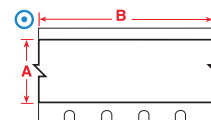


## ADHESIVE TERMINAL BLOCK MARKERS

HOLDS STRONG BUT CAN BE REMOVED CLEANLY AND RE-APPLIED.

- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- Highly unique adhesive and cloth construction gives excellent holding power and still allows for clean removal and re-application

| Diagram             | Order Reference | Colour | Size - Width A (mm) | Size - Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------|-----------------|--------|---------------------|---------------------|----------------|-----------------|--------------------|
| B-498 : Vinyl Cloth |                 |        |                     |                     |                |                 |                    |
|                     | B33C-240-498    | White  | 6.10                | 25.91               | 1              | 1               | B30-R6200          |
|                     | B33C-312-498    | White  | 7.92                | 25.91               | 1              | 1               | B30-R6200          |
|                     | B33C-375-498    | White  | 9.53                | 25.91               | 1              | 1               | B30-R6200          |

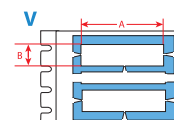


## PERMA Sleeve™ HX POLYOLEFIN WIRE MARKING SLEEVES

MILITARY/INDUSTRIAL GRADE. 2:1 SHRINK RATIO

- A 2:1 heat shrinkable wire marker sleeve that fits snugly around wires
- Flame-retardant and high-temp rated but not as high temp as B-345 "HT" Sleeves
- Meets industry specifications

| Diagram                | Order Reference  | Colour | Size - Width A (mm) | Size - Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------|------------------|--------|---------------------|----------------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| Single-sided Printable |                  |        |                     |                      |                         |                         |                |                 |                    |
|                        | B33-94-2-7642    | White  | 50.80               | 4.60                 | 1.19                    | 2.03                    | 1              | 500             | B30-R4300          |
|                        | B33-125-2-7642   | White  | 50.80               | 6.00                 | 1.57                    | 2.79                    | 1              | 500             | B30-R4300          |
|                        | B33-187-2-7642   | White  | 50.80               | 8.50                 | 2.39                    | 3.83                    | 1              | 450             | B30-R4300          |
|                        | B33-250-2-7642   | White  | 50.80               | 11.15                | 3.17                    | 5.46                    | 1              | 400             | B30-R4300          |
|                        | B33-375-2-7642   | White  | 50.80               | 16.40                | 4.77                    | 8.13                    | 1              | 250             | B30-R4300          |
|                        | B33-500-2-7642   | White  | 50.80               | 21.60                | 6.35                    | 11.43                   | 1              | 225             | B30-R4300          |
|                        | B33-750-2-7642   | White  | 50.80               | 31.40                | 9.52                    | 17.78                   | 1              | 150             | B30-R4300          |
|                        | B33-1000-2-7642  | White  | 50.80               | 42.16                | 11.43                   | 24.13                   | 1              | 150             | B30-R4300          |
|                        | B33-1500-2-7642  | White  | 50.80               | 61.80                | 19.05                   | 35.56                   | 1              | 50              | B30-R4300          |
|                        | B33-2000-2-7642  | White  | 50.80               | 80.40                | 25.40                   | 48.26                   | 1              | 50              | B30-R4300          |
| Double-sided Printable |                  |        |                     |                      |                         |                         |                |                 |                    |
|                        | B33D-94-2-7642   | White  | 50.80               | 4.60                 | 1.19                    | 2.03                    | 1              | 500             | B30-R4300          |
|                        | B33D-125-2-7642  | White  | 50.80               | 6.00                 | 1.57                    | 2.79                    | 1              | 500             | B30-R4300          |
|                        | B33D-187-2-7642  | White  | 50.80               | 8.50                 | 2.39                    | 3.83                    | 1              | 450             | B30-R4300          |
|                        | B33D-250-2-7642  | White  | 50.80               | 11.15                | 3.17                    | 5.46                    | 1              | 400             | B30-R4300          |
|                        | B33D-375-2-7642  | White  | 50.80               | 16.40                | 4.77                    | 8.13                    | 1              | 250             | B30-R4300          |
|                        | B33D-500-2-7642  | White  | 50.80               | 21.60                | 6.35                    | 11.43                   | 1              | 225             | B30-R4300          |
|                        | B33D-750-2-7642  | White  | 50.80               | 31.40                | 9.52                    | 17.78                   | 1              | 150             | B30-R4300          |
|                        | B33D-1000-2-7642 | White  | 50.80               | 42.16                | 11.43                   | 24.13                   | 1              | 150             | B30-R4300          |
|                        | B33D-1500-2-7642 | White  | 50.80               | 61.80                | 19.05                   | 35.56                   | 1              | 50              | B30-R4300          |
|                        | B33D-2000-2-7642 | White  | 50.80               | 80.40                | 25.40                   | 48.26                   | 1              | 50              | B30-R4300          |

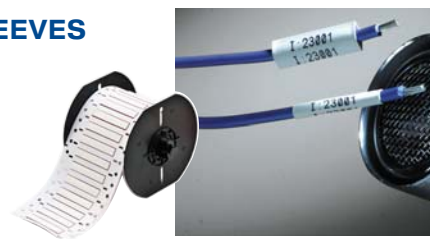




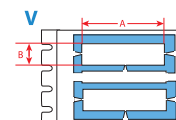
## PERMASLEEVE™ PS POLYOLEFIN WIRE MARKING SLEEVES

STANDARD MILITARY/INDUSTRIAL GRADE. 3:1 SHRINK RATIO

- A 3:1 heat shrinkable wire marker sleeve that fits snugly around wires
- Can be used for identification or wire protection
- Fade-resistant and flame-retardant



| Diagram                       | Order Reference   | Colour | Size - Width A (mm) | Size - Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-------------------------------|-------------------|--------|---------------------|----------------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| <b>Double-sided Printable</b> |                   |        |                     |                      |                         |                         |                |                 |                    |
|                               | B33D-94-2-342BK   | Black  | 50.80               | 4.60                 | .58                     | 2.03                    | 1              | 1000            | B30-R4500-SV       |
|                               | B33D-94-2-342     | White  | 50.80               | 4.60                 | .58                     | 2.03                    | 1              | 1000            | B30-R4300          |
|                               | B33D-94-2-342YL   | Yellow | 50.80               | 4.60                 | .58                     | 2.03                    | 1              | 1000            | B30-R4300          |
|                               | B33D-125-2-342BK  | Black  | 50.80               | 6.00                 | 1.17                    | 2.79                    | 1              | 1000            | B30-R4500-SV       |
|                               | B33D-125-2-342    | White  | 50.80               | 6.00                 | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
|                               | B33D-125-2-342YL  | Yellow | 50.80               | 6.00                 | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
|                               | B33D-187-2-342BK  | Black  | 50.80               | 8.50                 | 1.57                    | 3.81                    | 1              | 750             | B30-R4500-SV       |
|                               | B33D-187-2-342    | White  | 50.80               | 8.50                 | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
|                               | B33D-187-2-342YL  | Yellow | 50.80               | 8.50                 | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
|                               | B33D-250-2-342BK  | Black  | 50.80               | 11.15                | 2.39                    | 5.46                    | 1              | 500             | B30-R4500-SV       |
|                               | B33D-250-2-342    | White  | 50.80               | 11.15                | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
|                               | B33D-250-2-342YL  | Yellow | 50.80               | 11.15                | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
|                               | B33D-375-2-342BK  | Black  | 50.80               | 16.40                | 3.18                    | 8.13                    | 1              | 500             | B30-R4500-SV       |
|                               | B33D-375-2-342    | White  | 50.80               | 16.40                | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
|                               | B33D-375-2-342YL  | Yellow | 50.80               | 16.40                | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
|                               | B33D-500-2-342BK  | Black  | 50.80               | 21.60                | 4.75                    | 11.43                   | 1              | 350             | B30-R4500-SV       |
|                               | B33D-500-2-342    | White  | 50.80               | 21.60                | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
|                               | B33D-500-2-342YL  | Yellow | 50.80               | 21.60                | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
|                               | B33D-750-2-342BK  | Black  | 50.80               | 31.80                | 6.35                    | 17.78                   | 1              | 250             | B30-R4500-SV       |
|                               | B33D-750-2-342    | White  | 50.80               | 31.80                | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
|                               | B33D-750-2-342YL  | Yellow | 50.80               | 31.80                | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
|                               | B33D-1000-2-342BK | Black  | 50.80               | 42.16                | 9.53                    | 24.13                   | 1              | 250             | B30-R4500-SV       |
|                               | B33D-1000-2-342   | White  | 50.80               | 42.16                | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
|                               | B33D-1000-2-342YL | Yellow | 50.80               | 42.16                | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
|                               | B33D-1500-2-342BK | Black  | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4500-SV       |
|                               | B33D-1500-2-342   | White  | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
|                               | B33D-1500-2-342YL | Yellow | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
| <b>Single-sided Printable</b> |                   |        |                     |                      |                         |                         |                |                 |                    |
|                               | B33-94-2-342      | White  | 50.80               | 4.60                 | .58                     | 2.03                    | 1              | 1000            | B30-R4300          |
|                               | B33-94-2-342YL    | Yellow | 50.80               | 4.60                 | .58                     | 2.03                    | 1              | 1000            | B30-R4300          |
|                               | B33-125-2-342     | White  | 50.80               | 6.00                 | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
|                               | B33-125-2-342YL   | Yellow | 50.80               | 6.00                 | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
|                               | B33-187-2-342-2   | White  | 50.80               | 8.50                 | 1.57                    | 3.81                    | 2              | 1500            | B30-R4300          |
|                               | B33-187-2-342     | White  | 50.80               | 8.50                 | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
|                               | B33-187-2-342YL   | Yellow | 50.80               | 8.50                 | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
|                               | B33-250-2-342-2   | White  | 50.80               | 11.15                | 2.39                    | 5.46                    | 2              | 1000            | B30-R4300          |
|                               | B33-250-2-342     | White  | 50.80               | 11.15                | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
|                               | B33-250-2-342YL   | Yellow | 50.80               | 11.15                | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
|                               | B33-375-2-342-2   | White  | 50.80               | 16.40                | 3.18                    | 8.13                    | 2              | 1000            | B30-R4300          |
|                               | B33-375-2-342     | White  | 50.80               | 16.40                | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
|                               | B33-375-2-342YL   | Yellow | 50.80               | 16.40                | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
|                               | B33-500-2-342     | White  | 50.80               | 21.60                | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
|                               | B33-500-2-342YL   | Yellow | 50.80               | 21.60                | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
|                               | B33-750-2-342     | White  | 50.80               | 31.80                | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
|                               | B33-750-2-342YL   | Yellow | 50.80               | 31.80                | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
|                               | B33-1000-2-342    | White  | 50.80               | 42.16                | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
|                               | B33-1000-2-342YL  | Yellow | 50.80               | 42.16                | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
|                               | B33-1500-2-342BK  | Black  | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4500-SV       |
|                               | B33-1500-2-342    | White  | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
|                               | B33-1500-2-342YL  | Yellow | 50.80               | 61.80                | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |



Full Material Properties on page 168.



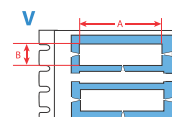
## PERMASLEEVE™ HT HIGH TEMPERATURE PVDF WIRE MARKING SLEEVES

HIGH TEMPERATURE, LOW OUTGASSING. 2:1 SHRINK RATIO

- A 2:1 shrink ratio wire marker sleeve specifically designed for high temperature and low vacuum outgassing applications
- Made from irradiated high-temp Polyvinylidene Fluoride (PVDF) heat shrink tubing
- Fade-resistant and flame-retardant

| Diagram                | Order Reference   | Colour | Size - Width A (mm) | Size - Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------|-------------------|--------|---------------------|----------------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| Double-sided Printable |                   |        |                     |                      |                         |                         |                |                 |                    |
| V                      | B33D-94-2-345BK   | Black  | 50.80               | 4.60                 | .60                     | 2.00                    | 1              | 1000            | B30-R4500-SV       |
| V                      | B33D-94-2-345     | White  | 50.80               | 4.60                 | .60                     | 2.00                    | 1              | 1000            | B30-R6000HF        |
| V                      | B33D-125-2-345BK  | Black  | 50.80               | 6.00                 | 1.20                    | 2.80                    | 1              | 1000            | B30-R4500-SV       |
| V                      | B33D-125-2-345    | White  | 50.80               | 6.00                 | 1.20                    | 2.80                    | 1              | 1000            | B30-R6000HF        |
| V                      | B33D-187-2-345BK  | Black  | 50.80               | 8.50                 | 1.60                    | 3.80                    | 1              | 750             | B30-R4500-SV       |
| V                      | B33D-187-2-345    | White  | 50.80               | 8.50                 | 1.60                    | 3.80                    | 1              | 750             | B30-R6000HF        |
| V                      | B33D-250-2-345BK  | Black  | 50.80               | 11.15                | 2.40                    | 5.50                    | 1              | 500             | B30-R4500-SV       |
| V                      | B33D-250-2-345    | White  | 50.80               | 11.15                | 2.40                    | 5.50                    | 1              | 500             | B30-R6000HF        |
| V                      | B33D-375-2-345BK  | Black  | 50.80               | 16.40                | 3.20                    | 8.10                    | 1              | 500             | B30-R4500-SV       |
| V                      | B33D-375-2-345    | White  | 50.80               | 16.40                | 3.20                    | 8.10                    | 1              | 500             | B30-R6000HF        |
| V                      | B33D-500-2-345BK  | Black  | 50.80               | 21.60                | 4.80                    | 11.40                   | 1              | 350             | B30-R4500-SV       |
| V                      | B33D-500-2-345    | White  | 50.80               | 21.60                | 4.80                    | 11.40                   | 1              | 350             | B30-R6000HF        |
| V                      | B33D-750-2-345BK  | Black  | 50.80               | 31.80                | 6.60                    | 17.80                   | 1              | 250             | B30-R4500-SV       |
| V                      | B33D-750-2-345    | White  | 50.80               | 31.80                | 6.60                    | 17.80                   | 1              | 250             | B30-R6000HF        |
| V                      | B33D-1000-2-345BK | Black  | 50.80               | 42.16                | 11.40                   | 24.10                   | 1              | 250             | B30-R4500-SV       |
| V                      | B33D-1000-2-345   | White  | 50.80               | 42.16                | 11.40                   | 24.10                   | 1              | 250             | B30-R6000HF        |
| V                      | B33D-1500-2-345BK | Black  | 50.80               | 61.80                | 12.70                   | 36.80                   | 1              | 150             | B30-R4500-SV       |
| V                      | B33D-1500-2-345   | White  | 50.80               | 61.80                | 12.70                   | 36.80                   | 1              | 150             | B30-R6000HF        |

\*This size is only 3:1 shrink ratio



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information



## “DROP & CLICK” PRINT RIBBONS FOR QUICK AND EASY SUPPLY CHANGES

- Tough, smear-proof ribbons that produce long-lasting printed text
- Print can withstand years in industrial areas and outdoor conditions
- Ribbons supplied in self-contained cartridges that drop straight into the printer with a “click”
- No calibrating, no threading, no waste, no hassle and the ink will always be facing the right direction
- Printer notifies user if installed ribbon is not recommended for the installed labels



| Order Reference | Colour  | Size - Width A (mm) x Size - Length B (m) |
|-----------------|---------|-------------------------------------------|
| B30-R10000      | Black   | 110.00 x 60.90                            |
| B30-R10000-BL   | Blue    | 110.00 x 60.90                            |
| B30-R10000-GN   | Green   | 110.00 x 60.90                            |
| B30-R10000-MA   | Magenta | 110.00 x 60.90                            |
| B30-R10000-OR   | Orange  | 110.00 x 60.90                            |
| B30-R10000-RD   | Red     | 110.00 x 60.90                            |
| B30-R10000-WT   | White   | 110.00 x 60.90                            |
| B30-R10000-YL   | Yellow  | 110.00 x 60.90                            |
| B30-R6000HF     | Black   | 110.00 x 60.90                            |
| B30-R4300       | Black   | 110.00 x 60.90                            |
| B30-R6600       | Black   | 110.00 x 60.90                            |
| B30-R4400-WT    | White   | 110.00 x 60.90                            |
| B30-R4500*      | Silver  | 104.39 x 60.90                            |
| B30-R6400       | Black   | 104.39 x 60.90                            |
| B30-R6200       | Black   | 104.39 x 60.90                            |

\*This ribbon is for use with B-342 and B-345 Black PermaSleeves only



## BBP33 PRINT RIBBON/MATERIAL COMPATIBILITY

| B Number | Material                                                    |            | B30-R4300<br>Black | B30-R6000HF<br>Black | B30-R6200<br>Black | B30-R10000<br>Black | B30-R4400-WT<br>White | B30-R10000-WT<br>White | B30-R4500*<br>Silver | B30-R10000<br>Colours | B30-R6400<br>Black | B30-R6600<br>Black |
|----------|-------------------------------------------------------------|------------|--------------------|----------------------|--------------------|---------------------|-----------------------|------------------------|----------------------|-----------------------|--------------------|--------------------|
| B-342    | Heat-shrink Polyolefin Sleeve                               | Matt       | ✓                  |                      |                    |                     |                       |                        | ✓                    |                       |                    | ✓                  |
| B-345    | High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve | Matt       |                    | ✓                    |                    |                     |                       |                        | ✓                    |                       |                    | ✓                  |
| B-423    | Polyester                                                   | Gloss      |                    | ✓                    | ✓                  |                     |                       |                        |                      |                       |                    |                    |
| B-424    | Paper                                                       | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-425    | Polypropylene                                               | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       | ✓                  |                    |
| B-427    | Self-laminating Vinyl                                       | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-428    | Metallised Polyester                                        | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-430    | Polyester                                                   | Gloss      |                    | ✓                    | ✓                  |                     |                       |                        |                      |                       |                    |                    |
| B-432    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     | ✓                     |                        |                      |                       |                    |                    |
| B-434    | Metallised Polyester                                        | Gloss      |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-438    | Tamper-evident Metallised Polyester                         | Matt       | ✓                  |                      |                    | ✓                   |                       |                        |                      |                       |                    |                    |
| B-483    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-486    | Metallised Polyester                                        | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-489    | Polyester                                                   | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-498    | Vinyl Cloth                                                 | Semi-gloss | ✓                  |                      | ✓                  |                     |                       |                        |                      |                       |                    |                    |
| B-499    | Nylon Cloth                                                 | Matt       | ✓                  | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-551    | Polyester Tag                                               |            |                    | ✓                    |                    | ✓                   |                       |                        |                      |                       | ✓                  |                    |
| B-565    | Metallised Polyester                                        | Matt       |                    | ✓                    |                    | ✓                   |                       |                        |                      |                       |                    |                    |
| B-593    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     | ✓                     |                        |                      |                       |                    |                    |
| B-595    | Vinyl                                                       | Gloss      |                    | ✓                    |                    | ✓                   |                       | ✓                      |                      |                       | ✓                  |                    |
| B-717    | Polyimide                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-718    | Polyimide                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-719    | Polyimide                                                   | Matt       |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-724    | Polyimide                                                   | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-727    | Polyimide                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                      |                       |                    |                    |
| B-7563   | Metallised Polyester                                        | Satin      |                    | ✓                    | ✓                  |                     |                       |                        |                      |                       |                    |                    |
| B-7569   | Vinyl                                                       | Gloss      |                    | ✓                    |                    | ✓                   |                       | ✓                      |                      |                       | ✓                  |                    |
| B-7597   | Polyethylene Tag                                            | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       |                    |                    |
| B-7642   | Heat-shrink Polyolefin Sleeve                               | Matt       | ✓                  |                      |                    |                     |                       |                        |                      |                       | ✓                  |                    |
| B-8423   | Polyester                                                   | Satin      |                    | ✓                    | ✓                  |                     |                       |                        |                      |                       |                    |                    |

\*This ribbon is for use with B-342 and B-345 Black PermaSleeves only



## Load. Click. Print. High Performance Printing Made Faster And Simpler.

The Brady IP Printer redefines power and ease-of-use in thermal transfer printing. Our most popular benchtop solution, the IP utilises smart chip technology allowing the printer, ribbon, material roll and PC software to communicate which significantly reduces set up time, reduces change-out time and reduces calibration label waste. Get ready for fast hassle-free printing.

### FASTER CHANGE-OUTS AND LESS WASTE

- Load Brady material and the software automatically recognises it
- No more calibration or material waste required for notched, die-cut or continuous materials
- Super-easy ribbon and material loading with centre-justified guides and straight feed path
- Hassle-free drop-in material rolls install in a snap

### MORE PERFORMANCE

- Designed for up to 5000 labels per day at 8 hrs / 5 days per week operation
- Fast print speed – up to 200 mm/sec
- Prints on a vast selection of material varieties and materials, including custom-made parts
- LCD display shows correct material/ribbon match, visual sensor position and “material and ribbon remaining”

### HASSLE-FREE OPERATION

- Fast hassle-free change-outs makes IP ideal for high-mix users (those using multiple material parts & put-ups)
- Perfect for users who are new to thermal transfer printing



### Your Complete Printing Solution:

IP Series Materials.....page 101

IP Series Print Ribbons.....page 165

### VIEW ONLINE

Visit [www.bradyeurope.com/IP](http://www.bradyeurope.com/IP)  
for more information on the IP™  
Series Printer



Faster drop-in feeding method for loading materials and print ribbons.

## High Performance Labelling Solutions



Barcode labelling



Wire & Cable Markers



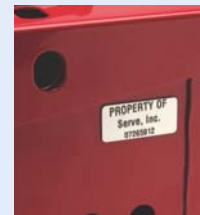
Rating Plates



General ID



Push Button Labels



... And more!



## Printer Specifications

|                                                |                                                                                                                                                                                                                                                          |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The revolutionary IP™ Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                          |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                           |
| <b>Recommended Usage per Day</b>               | 5000                                                                                                                                                                                                                                                     |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                                                     |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                               |
| <b>Connectivity Options</b>                    | Standard: USB, Serial, Ethernet. Optional: Wifi                                                                                                                                                                                                          |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                                                      |
| <b>Cutter</b>                                  | No                                                                                                                                                                                                                                                       |
| <b>Hardware Options</b>                        | Cutter                                                                                                                                                                                                                                                   |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                                                    |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                                                                                                                     |
| <b>Label Dimension Limits</b>                  | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                     |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm                                                                                                                                                                                                                                                |
| <b>Max. Print Speed (mm/sec)</b>               | 200 mm/sec                                                                                                                                                                                                                                               |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                         |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                                                                                                                |
| <b>Height x Width x Depth</b>                  | 312.00 mm x 240.00 mm x 435.00 mm                                                                                                                                                                                                                        |
| <b>Weight (kg)</b>                             | 5.90                                                                                                                                                                                                                                                     |

## SPECIALTY MATERIAL RECOMMENDATIONS

### Specialty Material Recommendations

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Raised Panel labels (B-593, B-7593) | Acceptable (with special printer settings) |
| Heatex Cable Markers                | Acceptable (with special printer settings) |
| PermaSleeves                        | Recommended (Single-sided Format Only)     |
| Diesel Resistant Sleeves (B-7646)   | Acceptable                                 |
| ZH PermaSleeve Markers (B-7641)     | Acceptable (Single-sided Only)             |
| HX PermaSleeve Markers (B-7642)     | Acceptable (Single-sided Format Only)      |
| Self-laminating Labels (B-427)      | Recommended                                |



76 mm core material that is auto-recognised by printer.

## BRADY IP™ SERIES PRINTER

| Article No.    | Order Reference      | Description                              |
|----------------|----------------------|------------------------------------------|
| <b>300 dpi</b> |                      |                                          |
| 360814         | BP-THT-IP300-EU      | IP Printer - 300 dpi - 220 V             |
| 360844         | BP-THT-IP300-UK      | IP Printer - 300 dpi - 240 V             |
| 360845         | BP-THT-IP300-C-UK    | IP Printer - 300 dpi with Cutter - 240 V |
| <b>600 dpi</b> |                      |                                          |
| 360815         | BP-THT-IP300-C-EU    | IP Printer - 300 dpi with Cutter- 220 V  |
| 360817         | BP-THT-IP600-EU      | IP Printer - 600 dpi - 220 V             |
| 360818         | BP-THT-IP600-C-EU    | IP Printer - 600 dpi with Cutter - 220 V |
| 360847         | BP-THT-IP600-UK      | IP Printer - 600 dpi - 240 V             |
| 360848         | BP-THT-IP600-C-UK    | IP Printer - 600 dpi with Cutter - 240 V |
| 361080         | BP-THT-IP300-WLAN-EU | IP Printer - 300 dpi with WIFI - English |
| 361081         | BP-THT-IP600-WLAN-EU | IP Printer - 600 dpi with WIFI - English |

## BRADY IP PRINTER ACCESSORIES

| Article No. | Order Reference     | Description                                      |
|-------------|---------------------|--------------------------------------------------|
| 133251      | PCK-6               | Printer Cleaning Kit - Thermal Transfer Printers |
| 361082      | WLAN-Card 802.11b/g | Wireless Ethernet Card for Brady IP Printer      |

## COMPLETE YOUR BRADY IP PRINTING SOLUTION

Take your label-making muscle to even higher levels with the addition of Brady's powerful software solutions.



**Labelmark™ Labelling Software**  
Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labelling and general industrial applications.



**CodeSoft™ Label Design Software**  
Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.



## BradyPrinter PR Plus Thermal Transfer Printer

### Heavy-duty meets high tech.

The BradyPrinter PR Plus is a heavy duty industrial printer, designed to last in industrial environments with a metal cover to protect the printer and your materials. This printer is suited to print heat-shrinkable wire markers, thick tags and other difficult to print materials where the material has a long life expectancy.

#### High Performance

- 300 dpi or ultra-sharp 600 dpi printing
- Adjustable post and head locking mechanism maintains correct printhead pressure ensuring the best print consistency
- 10.60 mm wide and 168 mm wide print width models
- Ultra-durable metal construction for rugged and dependable long life performance

#### High Speed

- Designed for up to 7000 labels per day at 24hrs / 7 days per week operation
- Fast print speed – up to 254 mm per second

#### Widest Range of Standard and Specialty Materials

- Prints on an extensive range of standard materials as well as specialty materials including Nomex® cable tags, PermaSleeve™ Wire Markers and Heatex Cable markers
- Best printer for Brady Raised Panel engraved-plate substitute labels
- Prints on small labels down to 5 mm label size with tight registration



### Your Complete Printing Solution:

BP PR Plus Materials .....page 101

BP PR Plus Print Ribbons .....page 165

### VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the BradyPrinter™ PR Plus Printer



76 mm core material rolls.

## The heavy-duty printer that's always ready to perform.



Barcode Labels



Wire & Cable Labels



Raised Panel Labels



PermaSleeve™ Wire Marking Sleeves



Electronics Labels



...and more!

## Printer Specifications

|                                                |                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The BradyPrinter BP-PR Plus series is a rugged industrial printer range that is an ideal printing solution that meets the professional needs of Product Identification and Traceability applications in industrial markets. |
| <b>Applications</b>                            | Higher volume applications and accommodates thicker and specialty materials. Ideal for ADM users, wire sleeves, wire labels, electronics ID, raised panel material, Nomex tags and more.                                    |
| <b>Hours of Operation</b>                      | 24 hours/7 days                                                                                                                                                                                                             |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                                                                                        |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                                                                                        |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                  |
| <b>Connectivity Options</b>                    | Serial, Parallel, USB, Ethernet (optional)                                                                                                                                                                                  |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                                                                         |
| <b>Cutter</b>                                  | No                                                                                                                                                                                                                          |
| <b>Hardware Options</b>                        | Cutter, Cutter Perforator, Peel Off                                                                                                                                                                                         |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                       |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                                                                                        |
| <b>Label Dimension Limits</b>                  | Max. Width: 116 mm or 176 mm (BP-PR-360Plus+ only)<br>Min. Width: 4 mm or 6 mm (BP-PR-360Plus+ only)<br>Min. Height: 5 mm                                                                                                   |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm or 162.60 mm (BP-PR-360Plus)                                                                                                                                                                                      |
| <b>Max. Print Speed (mm/sec)</b>               | 254 mm/sec                                                                                                                                                                                                                  |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                            |
| <b>Print Resolution (dpi)</b>                  | 203 / 300 / 600                                                                                                                                                                                                             |
| <b>Height x Width x Depth</b>                  | 274.00 mm x 242.00 mm x 446.00 mm                                                                                                                                                                                           |
| <b>Weight (kg)</b>                             | 8.50 kg                                                                                                                                                                                                                     |

## SPECIALTY MATERIAL RECOMMENDATIONS

### Specialty Material Recommendations

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| Raised Panel Labels (B-593, B-7593) | Recommended                                                         |
| Heatex Cable Markers                | Recommended                                                         |
| PermaSleeves                        | Recommended (With 2-pass reinsert of media for double-sided)        |
| Diesel Resistant Sleeves (B-7646)   | Recommended (With 2-pass reinsert of media double-sided format)     |
| ZH PermaSleeve Markers (B-7641)     | Recommended (With 2-pass reinsert of media for double-sided format) |
| HX PermaSleeve Markers (B-7642)     | Recommended (With 2-pass reinsert of media for double-sided format) |
| Self-laminating Labels (B-427)      | Recommended                                                         |



Ideal for printing PermaSleeve™ Wire Marking Sleeves and Raised Panel Push Button Labels.

## BRADYPRINTER PR PLUS THERMAL TRANSFER PRINTER

| Article No.    | Order Reference   | Description                                      |
|----------------|-------------------|--------------------------------------------------|
| <b>203 dpi</b> |                   |                                                  |
| 360540         | BP-PR200Plus      | BradyPrinter 203 dpi Printer - 220V              |
| 360541         | BP-PR200Plus-P    | BradyPrinter 203 dpi Printer - 220V - Peel Off   |
| 360588         | BP-PR200Plus-UK   | BradyPrinter 203 dpi Printer - 240V              |
| 360589         | BP-PR200PLUS-P-UK | BradyPrinter 203 dpi Printer - 240V - Peel Off   |
| <b>300 dpi</b> |                   |                                                  |
| 360542         | BP-PR300Plus      | BradyPrinter 300 dpi Printer - 220V              |
| 360543         | BP-PR300Plus-P    | BradyPrinter 300 dpi Printer - 220V - Peel Off   |
| 360590         | BP-PR300Plus-UK   | BradyPrinter 300 dpi Printer - 240V              |
| 360591         | BP-PR300Plus-P-UK | BradyPrinter 300 dpi Printer - 240V - Peel Off   |
| 360925         | BP-PR360Plus      | BradyPrinter Model PR360 Plus Printer            |
| 360926         | BP-PR360Plus-P    | BradyPrinter Model PR360 Plus Printer - Peel Off |
| <b>600 dpi</b> |                   |                                                  |
| 360544         | BP-PR600Plus      | BradyPrinter 600 dpi Printer - 220V              |
| 360545         | BP-PR600Plus-P    | BradyPrinter 600 dpi Printer - 220V - Peel Off   |
| 360592         | BP-PR600Plus-UK   | BradyPrinter 600 dpi Printer - 240V              |
| 360593         | BP-PR600Plus-P-UK | BradyPrinter 600 dpi Printer - 240V - Peel Off   |

## BRADYPRINTER PR PLUS ACCESSORIES

| Article No. | Order Reference                                            | Description                                                |
|-------------|------------------------------------------------------------|------------------------------------------------------------|
| 133251      | PCK-6                                                      | Printer Cleaning Kit - Thermal Transfer Printers           |
| 360007      | Cutter CU4 - field installable                             | Cutter CU4 - field instible                                |
| 360008      | Cutter Tray 4 - field instible                             | Cutter Tray 4 - field instible                             |
| 360009      | External Rewinder ER1, Roll diam. 210 mm - field instible  | External Rewinder ER1, Roll diam. 210 mm - field instible  |
| 360010      | External Rewinder ER4/300 - field instible                 | External Rewinder ER4/300 - field instible                 |
| 360011      | External Unwinder EU4, Roll diam. 300 mm - field instible  | External Unwinder EU4, Roll diam. 300 mm - field instible  |
| 360014      | Transcend 512MB Compact Flash Card                         | Transcend 512MB Compact Flash Card                         |
| 360015      | USB Interface w/ cable 1.8 m - field instible              | USB Interface w/ cable 1.8 m - field instible              |
| 360016      | Fast Ethernet Interface - field instible                   | Fast Ethernet Interface - field instible                   |
| 360017      | Cable serial RS 232C, 9/9-pin, length 3 m                  | Cable serial RS 232C, 9/9-pin, length 3 m                  |
| 360018      | USB Cable                                                  | USB Cable                                                  |
| 360019      | Present Sensor PS 8 - manual operation - field instible    | Present Sensor PS 8 - manual operation - field instible    |
| 360020      | Present Sensor PS 6 - automatic operation - field instible | Present Sensor PS 6 - automatic operation - field instible |
| 360546      | Cutter CU4 - Perforation                                   | Cutter CU4 - Perforation                                   |
| 360923      | PCU/4                                                      | Perforation Cutter PCU/4                                   |

## COMPLETE YOUR PR PLUS LABEL PRINTING SOLUTION

Take your label-making muscle to even higher levels with the addition of Brady's powerful software solutions.



### Labelmark™ Labelling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labeling and general industrial applications.



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.





## BBP™72

DOUBLE-SIDED SLEEVE PRINTER

### PRINT SLEEVES IN HALF THE TIME

**Print accurate, double-sided heat-shrink sleeves for wire and cable identification.**

The BBP™72 Double-sided Sleeve Printer is designed to print on both the top and the bottom of the sleeve simultaneously, creating sleeves in a seamless one-pass operation without the time-consuming, tedious process of re-winding and re-printing the sleeves.

- Double-sided printing with one-pass operation
- Ideal for large print run quantities
- Automatic printing and formatting for reducing label errors
- Less sleeve waste due to incorrect set-up and misalignment
- Crisp, clear thermal transfer printing with 300 dpi print resolution
- Prints on a variety of heat-shrink sleeves including PermaSleeve™ PS, HX, HT, and ZH Wire Marking Sleeves
- Durable, fade-resistant and smudge-proof sleeves
- Higher printhead heat settings for optimum print quality
- Rugged design with metal cover protects the printer and your materials



#### Your Complete Printing Solution:

BBP72 Sleeves .....page 154, 157, 161, 163, 164  
BBP72 Print Ribbons .....page 165

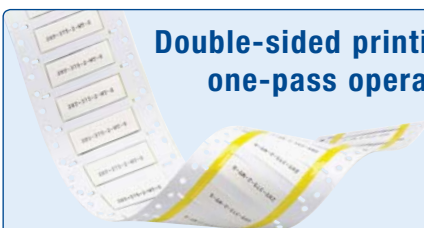
#### VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the BBP™72 Double-sided Sleeve Printer



76 mm core double-sided material rolls.

#### Double-sided printing with one-pass operation





## Printer Specifications

|                                                |                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes |
| <b>Applications</b>                            | High Volume Permasleeve™ Wire Marking Sleeves Printing (double-sided format only).                               |
| <b>Hours of Operation</b>                      | 24 hours/7 days                                                                                                  |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                             |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                             |
| <b>Colour Capability</b>                       | Monocolour                                                                                                       |
| <b>Connectivity Options</b>                    | Serial, USB, Ethernet (optional)                                                                                 |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                              |
| <b>Cutter</b>                                  | No                                                                                                               |
| <b>Hardware Options</b>                        | Cutter                                                                                                           |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                            |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                             |
| <b>Label Dimension Limits</b>                  | Max. Width: 106.00 mm<br>Min. Width: 4.00 mm<br>Min. Height: 5.00 mm                                             |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm                                                                                                        |
| <b>Max. Print Speed (mm/sec)</b>               | 125 mm/sec                                                                                                       |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                 |
| <b>Print Resolution (dpi)</b>                  | 300 dpi                                                                                                          |
| <b>Height x Width x Depth</b>                  | 395.00 mm x 248.00 mm x 554.00 mm                                                                                |
| <b>Weight (kg)</b>                             | 21                                                                                                               |

## SPECIALTY MATERIAL RECOMMENDATIONS

### Specialty Material Recommendations

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Raised Panel labels (B-593, B-7593) | Not Recommended                        |
| Heatex Cable Markers                | Not Recommended                        |
| PermaSleeves (B-342, B-345)         | Recommended (Double-sided Format Only) |
| Diesel Resistant Sleeves (B-7646)   | Recommended                            |
| ZH PermaSleeve Markers (B-7641)     | Recommended (Double-sided Format Only) |
| HX PermaSleeve Markers (B-7642)     | Recommended (Double-sided Format Only) |

## BBP™72 DOUBLE-SIDED PRINTER

| Article No. | Order Reference              | Description                       |
|-------------|------------------------------|-----------------------------------|
| 300 dpi     |                              |                                   |
| 361110      | BBP72-34L-EUR + Installation | BBP72 Double-sided Sleeve Printer |

## BBP72 DOUBLE-SIDED PRINTER ACCESSORIES

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 133251      | PCK-6           | Printer Cleaning Kit - Thermal Transfer Printers |

## COMPLETE YOUR BBP72 LABEL PRINTING SOLUTION

Take your label-making muscle to even higher levels with the addition of Brady's powerful software solutions.



### Labelmark™ Labelling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labelling and general industrial applications.



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

## Industry Specifications

Together with Brady ribbon, the heat-shrink sleeves meet a variety of industry specifications



| Industry Specifications        | PermaSleeve PS (B-342) | PermaSleeve HT (B-345) | PermaSleeve LSZH (B-7641) | PermaSleeve HX (B-7642) |
|--------------------------------|------------------------|------------------------|---------------------------|-------------------------|
| SAE-AMS-DTL-23053/5C (Class 1) | ●                      |                        |                           | ●                       |
| SAE-AS-81531                   | ●                      | ●                      | ●                         | ●                       |
| SAE-AS-5942 (Sec.4.1)          |                        |                        | ●                         |                         |
| EN-45545-2                     |                        |                        | ●                         |                         |
| LUL 2-01001-002                |                        |                        | ●                         |                         |
| MIL-STD-202 method 215K        | ●                      | ●                      | ●                         | ●                       |
| NASA SP-R-022A Outgassing      |                        | ●                      |                           |                         |
| RoHS Recognised                | ●                      | ●                      | ●                         | ●                       |
| UL Recognised                  | ●                      |                        |                           |                         |
| Tested Per:                    |                        |                        |                           |                         |
| SAE- DTL- 2305 3/5 Class 1     |                        | ●                      |                           |                         |
| ASTM E162                      | ●                      | ●                      | ●                         | ●                       |
| ASTM E662                      | ●                      | ●                      | ●                         | ●                       |



## Your Complete Printing Solution:

Wraptor Materials .....page 97

Wraptor Print Ribbons .....page 165

## VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the Wraptor™ Wire ID Printer

## WRAPTOR™

WIRE ID PRINTER APPLICATOR

### AUTOMATICALLY PRINTS AND WRAPS LABELS IN SECONDS!

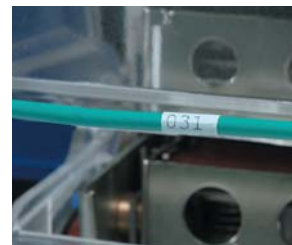
Wraptor™ Wire ID Printer Applicator from Brady - the automated print and apply machine that makes wire and cable identification faster and easier.

The Brady Wraptor system improves productivity and adds quality by combining the printing and application of labels in one easy-to use unit.

In a single stroke, the Wraptor turns a series of labour-intensive, inefficient tasks into a modern automated process that saves time and materials – saving your company money.



Select job, insert wire or cable.



Wraptor prints and wraps in under 5 seconds!

#### Printer Specifications

|                                         |                                                                                                                                      |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Description                             | Automated system that prints and applies labels to wire, cable and wire harnesses.                                                   |
| Applications                            | Prints & wraps self-laminating and vinyl cloth materials to wires from 1.50 to 15.20 mm diameter. Prints and wraps within 5 seconds. |
| Hours of Operation                      | 24 hours/7 days                                                                                                                      |
| Recommended Usage per Day               | 7000                                                                                                                                 |
| Software Compatibility                  | LabelMark                                                                                                                            |
| Colour Capability                       | Monocolour                                                                                                                           |
| Connectivity Options                    | USB, Serial, Ethernet (Wired Only)                                                                                                   |
| Stand-alone Printing (Detached from PC) | Yes                                                                                                                                  |
| Cutter                                  | Not applicable                                                                                                                       |
| Hardware Options                        | –                                                                                                                                    |
| Internal Memory Capacity                | 16 MB                                                                                                                                |
| Memory - Ram/Flash                      | 4 MB                                                                                                                                 |
| Label Dimension Limits                  | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Min. Height: 19.05 mm                                                                 |
| Maximum Print Width (mm)                | 50.80 mm                                                                                                                             |
| Max. Print Speed (mm/sec)               | –                                                                                                                                    |
| Print Technology                        | Thermal Transfer                                                                                                                     |
| Print Resolution (dpi)                  | 300 dpi                                                                                                                              |
| Height x Width x Depth                  | 450.90 mm x 368.30 mm x 571.50 mm                                                                                                    |
| Weight (kg)                             | 38.50 kg                                                                                                                             |

### Specialty Material Recommendations

Only the labels appearing on the following page are compatible with the Wraptor™ Wire ID Printer.

### WRAPTOR™ WIRE ID PRINTER

| Article No. | Order Reference | Description                        |
|-------------|-----------------|------------------------------------|
| 801611      | WRAPTOR-PTR     | Wraptor Wire ID Printer/Applicator |

Wraptor™ Wire ID Printer purchase includes LabelMark Software, Wraptor printer driver, File Management Utility, USB Cable, Stylus 3 pack, Roll of WRAP-4-427 and R4302 Ribbon.

**For In-Line Cut & Strip Applications:** Special restrictions apply. Contact Brady for all in-line Cut & Strip applications.

### WRAPTOR ACCESSORIES

| Article No. | Order Reference      | Description                                      |
|-------------|----------------------|--------------------------------------------------|
| 076805      | USB Cable            | USB Cable                                        |
| 076809      | Stylus Pens (3 pack) | Stylus Pens (3 pack)                             |
| 133251      | PCK-6                | Printer Cleaning Kit - Thermal Transfer Printers |

### LABELMARK™ LABELLING SOFTWARE

(Included with Wraptor Purchase)

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and datacom ID, ADM labelling and general industrial applications.



## MATERIALS FOR WRAPTOR™ WIRE ID PRINTER

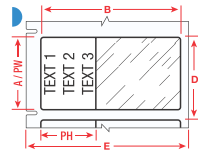
The following part numbers beginning with “WRAP” are specially designed for use in the Wraptor Wire ID Printer only.

### SELF-LAMINATING VINYL

Colour: White/Clear

Finish: Matte

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear “tail” that wraps around marker. Tail serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.



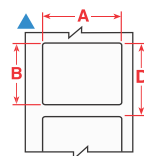
| Diagram                      | Order Reference | Colour            | Label Width<br>A (mm) | Label Height<br>B (mm) | Printable<br>Area Width<br>PW (mm) | Printable<br>Area Height<br>PH (mm) | Vertical<br>Repeat<br>D (mm) | Min. Wire<br>Diameter<br>(mm) | Max. Wire<br>Diameter<br>(mm) | Labels per<br>Cartridge/<br>Roll | Printer<br>Ribbon |
|------------------------------|-----------------|-------------------|-----------------------|------------------------|------------------------------------|-------------------------------------|------------------------------|-------------------------------|-------------------------------|----------------------------------|-------------------|
| B-427: Self-laminating Vinyl |                 |                   |                       |                        |                                    |                                     |                              |                               |                               |                                  |                   |
|                              | WRAP-1-427      | White/Transparent | 12.70                 | 19.05                  | 12.70                              | 9.53                                | 22.20                        | 2.00                          | 3.00                          | 6800                             | R4300             |
|                              | WRAP-11-427     | White/Transparent | 12.70                 | 38.10                  | 12.70                              | 12.70                               | 41.30                        | 4.00                          | 8.10                          | 3600                             | R4300             |
|                              | WRAP-2-427      | White/Transparent | 25.40                 | 25.40                  | 25.40                              | 9.53                                | 28.60                        | 2.70                          | 5.10                          | 5300                             | R4300             |
|                              | WRAP-3-427      | White/Transparent | 25.40                 | 31.75                  | 25.40                              | 12.70                               | 34.90                        | 3.40                          | 6.10                          | 4300                             | R4300             |
|                              | WRAP-4-427      | White/Transparent | 25.40                 | 38.10                  | 25.40                              | 12.70                               | 41.30                        | 4.00                          | 8.10                          | 3600                             | R4300             |
|                              | WRAP-10-427     | White/Transparent | 25.40                 | 57.15                  | 25.40                              | 19.05                               | 60.30                        | 6.10                          | 12.10                         | 2500                             | R4300             |
|                              | WRAP-5-427      | White/Transparent | 38.10                 | 63.50                  | 38.10                              | 19.05                               | 66.70                        | 6.70                          | 14.20                         | 2200                             | R4300             |
|                              | WRAP-12-427     | White/Transparent | 50.80                 | 38.10                  | 50.80                              | 12.70                               | 41.30                        | 4.00                          | 8.10                          | 3600                             | R4300             |
|                              | WRAP-6-427      | White/Transparent | 50.80                 | 76.20                  | 50.80                              | 25.40                               | 79.37                        | 8.10                          | 16.20                         | 1900                             | R4300             |

### NYLON CLOTH

Colour: White

Finish: Matte

Nylon cloth with permanent adhesive allows labelling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vial identification, and general labelling.



| Diagram            | Order Reference | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Min. Wire<br>Diameter (mm) | Max. Wire<br>Diameter (mm) | Vertical Repeat<br>D (mm) | Labels per<br>Cartridge/Roll | Printer<br>Ribbon |
|--------------------|-----------------|--------|-----------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|-------------------|
| B-499: Nylon Cloth |                 |        |                       |                        |                            |                            |                           |                              |                   |
|                    | WRAP-7-499      | White  | 12.70                 | 19.05                  | 1.52                       | 5.06                       | 22.22                     | 4500                         | R4300             |
|                    | WRAP-13-499     | White  | 25.40                 | 25.40                  | 2.69                       | 7.09                       | 28.57                     | 4100                         | R4300             |
|                    | WRAP-8-499      | White  | 25.40                 | 38.10                  | 4.04                       | 11.13                      | 41.27                     | 2800                         | R4300             |
|                    | WRAP-9-499      | White  | 50.80                 | 50.80                  | 5.39                       | 15.16                      | 53.97                     | 2100                         | R4300             |



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information





## VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the BSP™61 Print and Apply System



## BSP™61 PRINT AND APPLY SYSTEM

### COMPLETE LABELLING SOLUTION TO OBTAIN 100% TRACEABILITY

The BSP™61 Print and Apply System offers a fully automatic labelling solution anywhere along the production line. It combines a thermal transfer label printer with an automatic applicator and is designed to consistently print and accurately position and apply labels in almost all manufacturing applications. The BSP61 combines precision, versatility and high print quality and offers best value for money.

### MEETS THE DEMANDS OF YOUR ENVIRONMENT

The BSP™61 Print and Apply System is developed for applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics, manufacturing and laboratory. Designed for optimum, easy integration into existing production lines, the BSP61 has a compact footprint and offers a software that is compatible with your host system.

### PROBLEM FREE AUTOMATIC LABELLING

Brady have developed unique solutions that remove the problems of automating label application to ensure reliable tracking and tracing.

- **No Cutting into the liner** – custom developed Clean Liner Technology (CLT) prevents over cutting into the liner and ensures a perfect result from the outset.
- **Clean pick up** – our applicator head will pick up every label without exception
- **No Adhesive bleeding** – CLT eradicates any problems with the adhesive
- **No Label curling** – our labelling materials are developed specifically for automatic application with a no-curl guarantee
- **Accuracy** – correct placement first time, every time

### HIGH PERFORMANCE IDENTIFICATION MATERIALS FOR DEMANDING APPLICATIONS.







## BSP™61 PRINTER

| Article No. | Order Reference | Description                                                                             |
|-------------|-----------------|-----------------------------------------------------------------------------------------|
| 710948      | BSP61-62L       | BSP61 for up to 50mm wide consumables - 600 dpi - to be combined with left applicator   |
| 710949      | BSP61-34L       | BSP61 for up to 101mm wide consumables - 300 dpi - to be combined with left applicator  |
| 710952      | BSP61-62R       | BSP61 for up to 50mm wide consumables - 600 dpi - to be combined with right applicator  |
| 710953      | BSP61-34R       | BSP61 for up to 101mm wide consumables - 300 dpi - to be combined with right applicator |



### Printer Specifications

|                                                |                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       |
| <b>Applications</b>                            | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. |
| <b>Hours of Operation</b>                      | 24 hours/ 7 days                                                                                                                                                   |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                               |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                               |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                         |
| <b>Connectivity Options</b>                    | Serial, USB, Ethernet (optional)                                                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                |
| <b>Cutter</b>                                  | Not applicable                                                                                                                                                     |
| <b>Hardware Options</b>                        | Applicators                                                                                                                                                        |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                              |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                               |
| <b>Label Dimension Limits</b>                  | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   |
| <b>Maximum Print Width (mm)</b>                | 57.00 mm (BSP61-62) or 105.60 mm (BSP61-34)                                                                                                                        |
| <b>Max. Print Speed (mm/sec)</b>               | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                          |

## BSP™61 PRINTER ACCESSORIES

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 133251      | PCK-6           | Printer Cleaning Kit - Thermal Transfer Printers |



## BSP™61 APPLICATOR

| Article No. | Order Reference    | Description                                                                                                                                               |
|-------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 710963      | Applic. 4114L-200  | Left applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction                                                                   |
| 710964      | Applic. 4114L-300  | Left applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction                                                                   |
| 710965      | Applic. 4214L-200  | Left applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                   |
| 710966      | Applic. 4214L-300  | Left applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                   |
| 710969      | Applic. 4414L-200  | Left applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                        |
| 710970      | Applic. 4414L-300  | Left applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                        |
| 710972      | Applic. 4114R-200  | Right applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction                                                                  |
| 710973      | Applic. 4114R-300  | Right applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction                                                                  |
| 710974      | Applic. 4214R-200  | Right applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                  |
| 710975      | Applic. 4214R-300  | Right applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                  |
| 710979      | Applic. 4414R-200  | Right applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                       |
| 710980      | Applic. 4414R-300  | Right applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                       |
| 711040      | Appl. 4114L-200+PR | Left applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction with pressure reducer                                             |
| 711041      | Appl. 4114L-300+PR | Left applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction with pressure reducer                                             |
| 711042      | Appl. 4214L-200+PR | Left applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                             |
| 711043      | Appl. 4214L-300+PR | Left applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                             |
| 711046      | Appl. 4414L-200+PR | Left applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer  |
| 711047      | Appl. 4414L-300+PR | Left applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer  |
| 711048      | Appl. 4114R-200+PR | Right applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction with pressure reducer                                            |
| 711049      | Appl. 4114R-300+PR | Right applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction with pressure reducer                                            |
| 711050      | Appl. 4214R-200+PR | Right applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                            |
| 711051      | Appl. 4214R-300+PR | Right applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                            |
| 711055      | Appl. 4414R-200+PR | Right applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer |
| 711056      | Appl. 4414R-300+PR | Right applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer |

# Brady Technical Services



## How Can We Assist?

**Service Contracts**

**Printer Repaires**

**Technical Queries**

**Hardware & Software  
Installation/Training**



### Brady Solution Centre



+44 333 333 1111



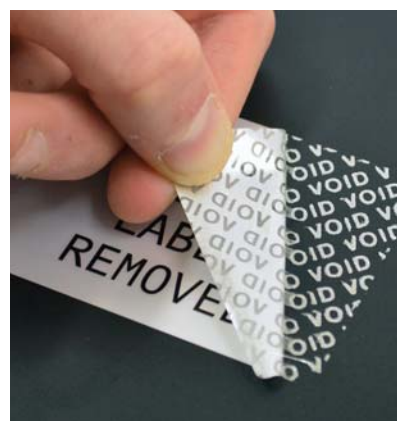
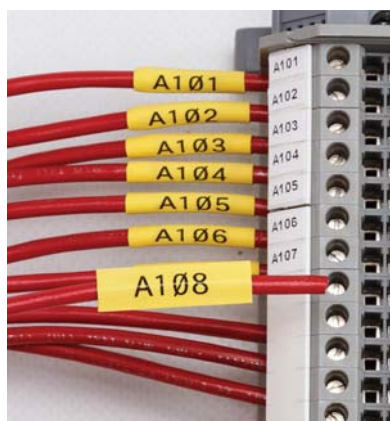
tseurope@bradycorp.com



bradytechnicalservice

[www.bradyeurope.com/techsupport](http://www.bradyeurope.com/techsupport)





## Brady Benchtop Thermal Transfer Materials

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, floors, walls, racks and more.

### Benchtop Thermal Transfer Materials

|                                                           |     |
|-----------------------------------------------------------|-----|
| General Identification and Asset Tracking Materials ..... | 102 |
| Overlaminating Materials .....                            | 114 |
| Raised Panel / Control Panel Materials .....              | 116 |
| Circuit Board Materials .....                             | 118 |
| Tamper-evidence Materials .....                           | 125 |
| Temperature & Water-Indicating Materials .....            | 128 |
| Wire and Cable Materials .....                            | 129 |
| Pre-Printed Wire Markers.....                             | 140 |
| PermaSleeve™ Wire Marking Sleeves .....                   | 147 |

### Benchtop Thermal Transfer Print Ribbons

|                                              |     |
|----------------------------------------------|-----|
| Thermal Transfer Print Ribbons .....         | 165 |
| Ribbon / Material Cross-Reference Guide..... | 166 |





# General Identification and Asset Tracking Materials



## GENERAL IDENTIFICATION AND ASSET TRACKING MATERIALS

**Designed to stick and stay stuck.**

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, floors, walls, racks and more.

Brady's industrial materials are made to stick and stay stuck.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

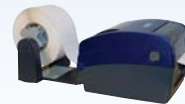
All general identification parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter™ PR Plus Printers**  
see page 92



**Brady IP™ Printer**  
see page 90



**BBP™11 Label Printer**  
see page 68  
76.20 mm Core Label Rolls are compatible when used with Media Holder accessory.



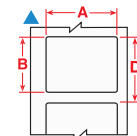
## B-408 PAPER MATERIAL

Colour: White

Finish: Matt

General purpose paper material for thermal transfer printing. White with matt finish and removable adhesive. Can be repositioned or removed.

Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-17-408-3    | Repositionable Paper | White  | 50.80              | 25.40               | 28.58                  | 55.88            | 1              | 3000               | R7942/R6100   |
| ▲       | THT-18-408-3    | Repositionable Paper | White  | 76.20              | 25.40               | 28.58                  | 81.28            | 1              | 3000               | R7942/R6100   |
| ▲       | THT-19-408-1    | Repositionable Paper | White  | 76.20              | 50.80               | 53.98                  | 81.28            | 1              | 1000               | R7942/R6100   |
| ▲       | THT-20-408-1    | Repositionable Paper | White  | 76.20              | 127.00              | 130.18                 | 81.28            | 1              | 1000               | R7942/R6100   |
| ▲       | THT-20-408-1    | Repositionable Paper | White  | 76.20              | 127.00              | 130.18                 | 81.28            | 1              | 1000               | R7942/R6100   |
| ▲       | THT-55-408-1    | Repositionable Paper | White  | 101.60             | 50.80               | 53.98                  | 106.68           | 1              | 1000               | R7942/R6100   |
| ▲       | THT-25-408-1    | Repositionable Paper | White  | 101.60             | 152.40              | 155.58                 | 106.68           | 1              | 1000               | R7942/R6100   |
| ▲       | THT-78-408-1    | Repositionable Paper | White  | 101.60             | 165.10              | 168.28                 | 106.68           | 1              | 1000               | R7942/R6100   |



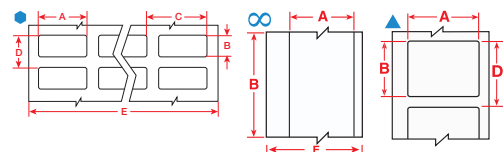
## B-413 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable polyester material with metallic looking finish (non-metallised). Ideal for barcoded asset tracking and rating plate applications.

Performance Attributes



| Diagram | Order Reference | Material                      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-413-10   | Metallic, Non-metal Polyester | Silver | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ●       | THT-1-413-10    | Metallic, Non-metal Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-3-413-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-5-413-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-37-413-10   | Metallic, Non-metal Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-413-10    | Metallic, Non-metal Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000         |
| ∞       | THT-106-413     | Metallic, Non-metal Polyester | Silver | 50.80              | —                   | 91.44 m            | —                        | —                      | 55.88            | 1              | 1                  | R6000         |
| ▲       | THT-53-413-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-17-413-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-7-413-3     | Metallic, Non-metal Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ∞       | THT-21-413      | Metallic, Non-metal Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲       | THT-18-413-3    | Metallic, Non-metal Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-413-1    | Metallic, Non-metal Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ∞       | THT-107-413     | Metallic, Non-metal Polyester | Silver | 101.60             | —                   | 91.44 m            | —                        | —                      | 106.68           | 1              | 1                  | R6000         |
| ▲       | THT-55-413-1    | Metallic, Non-metal Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



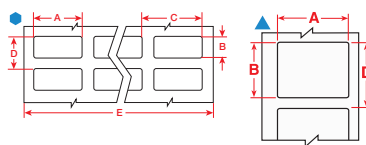


## B-422 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester with glossy finish and 0.0508 millimeter of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, asset and inventory tracking.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-36-422-10   | Polyester | White  | 12.70              | 5.08                | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000         |
| ●       | THT-5-422-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-102-422-10  | Polyester | White  | 38.10              | 9.40                | —                        | 12.70                  | 43.18            | 1              | 10000              | R6000         |
| ●       | THT-147-422-10  | Polyester | White  | 38.10              | 9.53                | 41.91                    | 12.07                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-17-422-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-7-422-3     | Polyester | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ▲       | THT-18-422-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-422-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲       | THT-76-422-1    | Polyester | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R6000         |

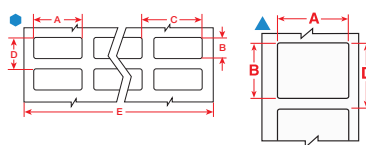


## B-423 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer printable material with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-423-10   | Polyester | White  | 6.35               | 6.35                | —                  | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000         |
| ●       | THT-38-423-10   | Polyester | White  | 9.53               | 9.53                | —                  | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000         |
| ▲       | THT-97-423-10   | Polyester | White  | 12.70              | 5.08                | —                  | —                        | 7.62                   | 17.78            | 1              | 10000              | R6000         |
| ●       | THT-36-423-10   | Polyester | White  | 12.70              | 5.08                | —                  | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000         |
| ●       | THT-12-423-10   | Polyester | White  | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ●       | THT-14-423-10   | Polyester | White  | 16.51              | 5.08                | —                  | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ▲       | THT-47-423-10   | Polyester | White  | 16.51              | 5.08                | —                  | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000         |
| ●       | THT-57-423-10   | Polyester | White  | 17.78              | 9.53                | —                  | 20.32                    | 12.07                  | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-1-423-10    | Polyester | White  | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-46-423-10   | Polyester | White  | 19.05              | 6.35                | —                  | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000         |
| ●       | THT-50-423-10   | Polyester | White  | 19.05              | 19.05               | —                  | 20.32                    | 22.23                  | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-2-423-10    | Polyester | White  | 22.86              | 6.35                | —                  | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-49-423-10   | Polyester | White  | 22.86              | 6.35                | —                  | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000         |
| ●       | THT-41-423-10   | Polyester | White  | 25.40              | 4.75                | —                  | 27.31                    | 7.29                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-42-423-10   | Polyester | White  | 25.40              | 4.75                | —                  | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-103-423-10  | Polyester | White  | 25.40              | 6.35                | —                  | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000         |
| ●       | THT-51-423-10   | Polyester | White  | 25.40              | 6.35                | —                  | 27.31                    | 9.53                   | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-3-423-10    | Polyester | White  | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-423-10   | Polyester | White  | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ●       | THT-5-423-10    | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-31-423-10   | Polyester | White  | 27.94              | 9.65                | —                  | 30.48                    | 12.70                  | 63.50            | 2              | 10000              | R6000         |
| ●       | THT-13-423-10   | Polyester | White  | 31.75              | 6.35                | —                  | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000         |
| ▲       | THT-43-423-10   | Polyester | White  | 31.75              | 6.35                | —                  | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |
| ●       | THT-29-423-10   | Polyester | White  | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R6000         |
| ●       | THT-40-423-10   | Polyester | White  | 34.93              | 6.35                | —                  | 37.47                    | 9.53                   | 77.47            | 2              | 10000              | R6000         |
| ▲       | THT-44-423-10   | Polyester | White  | 34.93              | 6.35                | —                  | —                        | 8.89                   | 40.64            | 1              | 10000              | R6000         |
| ●       | THT-28-423-10   | Polyester | White  | 38.10              | 3.18                | —                  | 41.91                    | 6.35                   | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-4-423-10    | Polyester | White  | 38.10              | 6.35                | —                  | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-45-423-10   | Polyester | White  | 38.10              | 6.35                | —                  | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ●       | THT-37-423-10   | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-423-10    | Polyester | White  | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-15-423-2.5  | Polyester | White  | 50.80              | 6.35                | —                  | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |

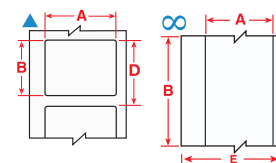
\*2 rolls of 5000 labels

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View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# General Identification and Asset Tracking Materials

## B-423 POLYESTER MATERIAL (CONTINUED)



| Diagram                                                                                                                                                       | Order Reference   | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲                                                                                                                                                             | THT-48-423-10     | Polyester | White  | 50.80              | 6.35                | —                  | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000         |
| ▲                                                                                                                                                             | THT-79-423-10     | Polyester | White  | 50.80              | 10.16               | —                  | —                        | 12.70                  | 55.88            | 1              | 10000              | R6000         |
| ▲                                                                                                                                                             | THT-53-423-3      | Polyester | White  | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000         |
| ▲                                                                                                                                                             | THT-17-423-3      | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲                                                                                                                                                             | THT-142-423-2.5   | Polyester | White  | 63.50              | 5.08                | —                  | —                        | 7.62                   | 68.58            | 1              | 2500               | R6000         |
| ▲                                                                                                                                                             | THT-7-423-3       | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ∞                                                                                                                                                             | THT-21-423        | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲                                                                                                                                                             | THT-16-423-2.5    | Polyester | White  | 76.20              | 6.35                | —                  | —                        | 9.53                   | 81.28            | 1              | 2500               | R6000         |
| ▲                                                                                                                                                             | THT-18-423-3      | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲                                                                                                                                                             | THT-19-423-1      | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲                                                                                                                                                             | THT-55-423-1      | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                   |           |        |                    |                     |                    |                          |                        |                  |                |                    |               |
| ▲                                                                                                                                                             | THT-15-423-2.5-SC | Polyester | White  | 50.80              | 6.35                | —                  | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |

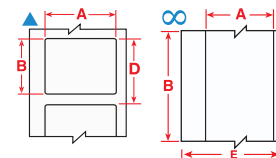


## B-424 PAPER MATERIAL

Colour: White

Finish: Matt

White paper material with matt finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labelling applications.



Performance Attributes



| Diagram | Order Reference | Material | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------|--------|--------------------|---------------------|--------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-53-424-3    | Paper    | White  | 50.80              | 12.70               | —                  | 15.24                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-17-424-3    | Paper    | White  | 50.80              | 25.40               | —                  | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-7-424-3     | Paper    | White  | 69.85              | 31.75               | —                  | 34.93                  | 74.93            | 1              | 3000               | R4300         |
| ∞       | THT-21-424      | Paper    | White  | 76.20              | —                   | 91.44 m            | —                      | 81.28            | 1              | 1                  | R4300         |
| ▲       | THT-18-424-3    | Paper    | White  | 76.20              | 25.40               | —                  | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲       | THT-19-424-1    | Paper    | White  | 76.20              | 50.80               | —                  | 53.98                  | 81.28            | 1              | 1000               | R4300         |
| ▲       | THT-20-424-1    | Paper    | White  | 76.20              | 127.00              | —                  | 130.18                 | 81.28            | 1              | 1000               | R4300         |
| ▲       | THT-55-424-1    | Paper    | White  | 101.60             | 50.80               | —                  | 53.98                  | 106.68           | 1              | 1000               | R4300         |
| ▲       | THT-25-424-1    | Paper    | White  | 101.60             | 152.40              | —                  | 155.58                 | 106.68           | 1              | 1000               | R4300         |

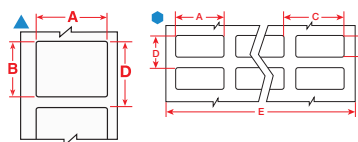


## B-425 POLYPROPYLENE MATERIAL

Colour: White

Finish: Matt

White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.



Performance Attributes



| Diagram | Order Reference | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-30-425-10   | Polypropylene | White  | 25.40              | 9.98                | 27.31                    | 12.70                  | 85.09            | 3              | 10000              | R6400         |
| ●       | THT-5-425-10    | Polypropylene | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6400         |
| ▲       | THT-17-425-3    | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6400         |
| ▲       | THT-7-425-3     | Polypropylene | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6400         |
| ▲       | THT-18-425-3    | Polypropylene | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6400         |
| ▲       | THT-19-425-1    | Polypropylene | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6400         |
| ▲       | THT-20-425-1    | Polypropylene | White  | 76.20              | 127.00              | —                        | 130.18                 | 81.28            | 1              | 1000               | R6400         |
| ▲       | THT-55-425-1    | Polypropylene | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6400         |
| ▲       | THT-76-425-1    | Polypropylene | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R6400         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

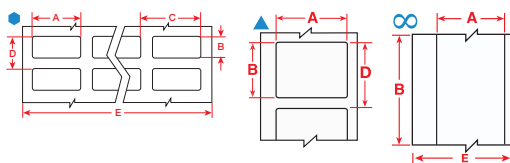


## B-428 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable metallised polyester with matt finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with nameplate quality and a metallic finish.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-428-10   | Metallised Polyester | Silver | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300         |
| ●       | THT-1-428-10    | Metallised Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |
| ●       | THT-3-428-10    | Metallised Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-5-428-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-37-428-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300         |
| ●       | THT-6-428-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R4300         |
| ▲       | THT-53-428-3    | Metallised Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-17-428-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-7-428-3     | Metallised Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300         |
| ∞       | THT-21-428      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300         |
| ▲       | THT-18-428-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲       | THT-19-428-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |
| ▲       | THT-55-428-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300         |

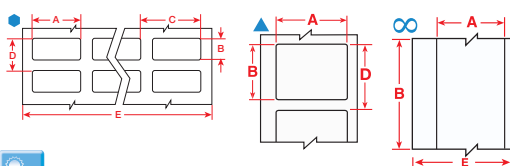


## B-430 POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Thermal transfer printable.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-39-430-10   | Polyester | Clear  | 25.40              | 12.70               | —                  | 27.31                    | 15.88                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-17-430-3    | Polyester | Clear  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ∞       | THT-21-430      | Polyester | Clear  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲       | THT-18-430-3    | Polyester | Clear  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-430-1    | Polyester | Clear  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |

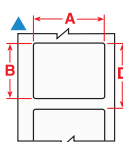


## B-432 POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Thermal transfer printable. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-19-432-1    | Polyester | Clear  | 76.20              | 50.80               | 53.98                  | 81.28            | 1              | 1000               | R6000         |

# General Identification and Asset Tracking Materials

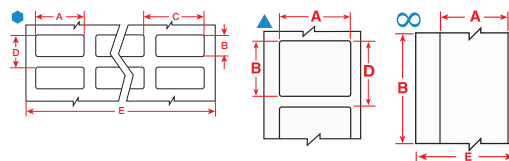


## B-434 POLYESTER MATERIAL

Colour: Silver

Finish: Gloss

Metallised polyester with a glossy finish and a thicker layer of adhesive for better adherence to rough surface applications. Withstands numerous solvents while maintaining excellent image quality.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-434-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-37-434-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-434-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-17-434-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ∞       | THT-21-434      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲       | THT-18-434-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-434-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲       | THT-55-434-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |

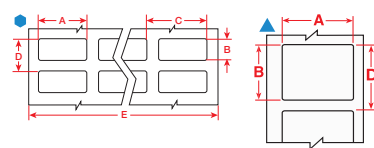


## B-435 POLYESTER MATERIAL

Colour: Silver

Finish: Gloss

Printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with nameplate quality and a metallic looking finish.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-435-10   | Metallised Polyester | Silver | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ●       | THT-1-435-10    | Metallised Polyester | Silver | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-5-435-10    | Metallised Polyester | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-18-435-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-435-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲       | THT-55-435-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |



## DID YOU KNOW? - ASSET TRACKING WITH CODESOFT™ LABELLING SOFTWARE & BARCODE READERS

Brady offers a complete asset tracking solution with the addition of CodeSoft™ Labelling Software and barcode readers.

- Design and print custom labels for product ID and tracking
- Print a wide range of labels that include barcodes, print text and graphic images.
- Data collection solutions from basic 1D/2D barcode scanners up to fully-integrated Data Matrix Verifiers

For more information on CodeSoft Software and barcode readers, view pages 16-18





# General Identification and Asset Tracking Materials



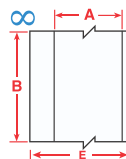
## B-439 VINYL MATERIAL

Colour: Various

Finish: Satin

Coloured vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labelling.

### Performance Attributes



| Diagram                                                                                                                                                       | Order Reference | Material | Colour | Label Width A (mm) | Label Length B (m) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|--------|--------------------|--------------------|------------------|----------------|--------------------|---------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                 |          |        |                    |                    |                  |                |                    |               |
| ∞                                                                                                                                                             | BPTC-63-439-OR  | Vinyl    | Orange | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-GR  | Vinyl    | Green  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-PL  | Vinyl    | Purple | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-BL  | Vinyl    | Blue   | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-YL  | Vinyl    | Yellow | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-RD  | Vinyl    | Red    | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-SL  | Vinyl    | Silver | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-BK  | Vinyl    | Black  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-63-439-WT  | Vinyl    | White  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-OR  | Vinyl    | Orange | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-GR  | Vinyl    | Green  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-PL  | Vinyl    | Purple | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-BL  | Vinyl    | Blue   | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-YL  | Vinyl    | Yellow | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-RD  | Vinyl    | Red    | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-SL  | Vinyl    | Silver | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-BK  | Vinyl    | Black  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-83-439-WT  | Vinyl    | White  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-OR | Vinyl    | Orange | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-GR | Vinyl    | Green  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-PL | Vinyl    | Purple | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-BL | Vinyl    | Blue   | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-YL | Vinyl    | Yellow | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-RD | Vinyl    | Red    | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-SL | Vinyl    | Silver | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-BK | Vinyl    | Black  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |
| ∞                                                                                                                                                             | BPTC-110-439-WT | Vinyl    | White  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000         |



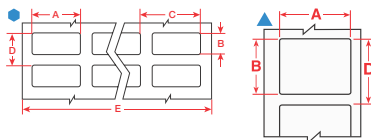
## B-449 POLYPROPYLENE MATERIAL

Colour: White

Finish: Matt

White polypropylene material stock with matt finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use.

### Performance Attributes



| Diagram                                                                                                                                                       | Order Reference   | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●                                                                                                                                                             | THT-5-449-10      | Polypropylene | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ●                                                                                                                                                             | THT-13-449-10     | Polypropylene | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R4300         |
| ●                                                                                                                                                             | THT-6-449-3       | Polypropylene | White  | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 3000               | R4300         |
| ▲                                                                                                                                                             | THT-17-449-3      | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲                                                                                                                                                             | THT-18-449-3      | Polypropylene | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲                                                                                                                                                             | THT-19-449-1      | Polypropylene | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |
| ▲                                                                                                                                                             | THT-55-449-1      | Polypropylene | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300         |
| ▲                                                                                                                                                             | THT-76-449-1      | Polypropylene | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R4300         |
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                   |               |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                                                                                                                                                             | THT-6-449-1.5-SC  | Polypropylene | White  | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 1500               | R7950         |
| ▲                                                                                                                                                             | THT-17-449-1.5-SC | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 1500               | R7950         |



## DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information



# General Identification and Asset Tracking Materials

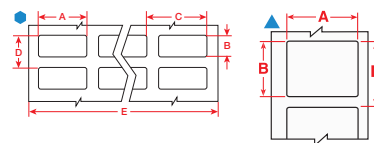


## B-459 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material with matt finish. Designed for applications such as topside of printed circuit boards and rating plates that utilise high quality/density alphanumerics, barcodes and graphics.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-14-459-10   | Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ●       | THT-1-459-10    | Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-5-459-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-19-459-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |

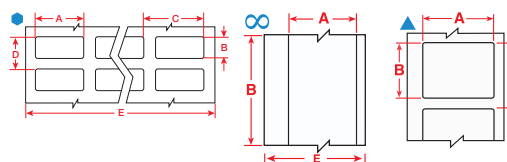


## B-480 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable polyester material with metallic-looking finish (non-metallised) and aggressive adhesive for powder coated or rough surface applications. Ideal for barcoded asset tracking and rating plate applications.



### Performance Attributes



| Diagram | Order Reference | Material                      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-1-480-10    | Metallic, Non-metal Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-3-480-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-5-480-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-37-480-10   | Metallic, Non-metal Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-480-10    | Metallic, Non-metal Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000         |
| ∞       | THT-106-480     | Metallic, Non-metal Polyester | Silver | 50.80              | —                   | 91.44 m            | —                        | —                      | 55.88            | 1              | 1                  | R6000         |
| ▲       | THT-53-480-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-17-480-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-7-480-3     | Metallic, Non-metal Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ∞       | THT-21-480      | Metallic, Non-metal Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲       | THT-18-480-3    | Metallic, Non-metal Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-480-1    | Metallic, Non-metal Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ∞       | THT-107-480     | Metallic, Non-metal Polyester | Silver | 101.60             | —                   | 91.44 m            | —                        | —                      | 106.68           | 1              | 1                  | R6000         |
| ▲       | THT-55-480-1    | Metallic, Non-metal Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |

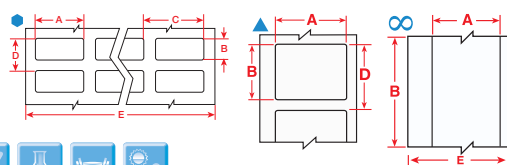


## B-483 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer printable material with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-483-10    | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-483-10   | Polyester | White  | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ●       | THT-37-483-10   | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-17-483-3    | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-7-483-3     | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ∞       | THT-21-483      | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000         |
| ▲       | THT-18-483-3    | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-483-1    | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲       | THT-55-483-1    | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |
| ▲       | THT-76-483-1    | Polyester | White  | 101.60             | 76.20               | —                  | —                        | 79.37                  | 106.68           | 1              | 1000               | R6000         |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# General Identification and Asset Tracking Materials

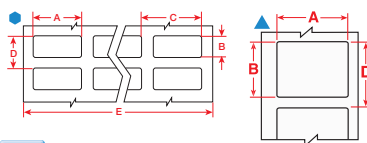


## B-484 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer printable material, similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-484-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-17-484-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000         |
| ▲       | THT-18-484-3    | Polyester | White  | 76.20              | 25.40               | —                        | 53.98                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-484-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| ▲       | THT-55-484-1    | Polyester | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000         |

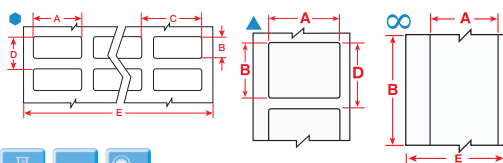


## B-486 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable metallised polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-486-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ▲       | THT-59-486-10   | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R4300         |
| ●       | THT-37-486-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300         |
| ●       | THT-6-486-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R4300         |
| ▲       | THT-53-486-3    | Metallised Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-17-486-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-7-486-3     | Metallised Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300         |
| ∞       | THT-21-486      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300         |
| ▲       | THT-18-486-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲       | THT-19-486-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |

\*2 rolls of 5000 labels

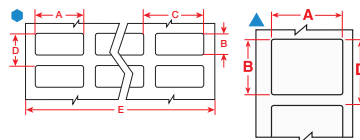


## B-488 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material, similar to B-423, but with matt finish. Widely used for component identification, barcoding, asset and inventory tracking.



### Performance Attributes



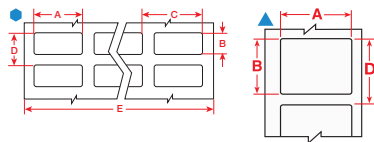
| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-14-488-10   | Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300         |
| ●       | THT-1-488-10    | Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |
| ●       | THT-2-488-10    | Polyester | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-140-488-3   | Polyester | White  | 22.86              | 19.05               | 25.40                    | 22.23                  | 53.34            | 2              | 3000               | R4300         |
| ▲       | THT-164-488-1   | Polyester | White  | 22.86              | 22.86               | —                        | 25.40                  | 27.94            | 1              | 1000               | R4300         |
| ●       | THT-141-488-3   | Polyester | White  | 22.86              | 22.86               | 25.40                    | 25.40                  | 53.34            | 2              | 3000               | R4300         |
| ●       | THT-5-488-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ▲       | THT-15-488-2.5  | Polyester | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R7950         |
| ▲       | THT-17-488-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-18-488-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |

>>

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# General Identification and Asset Tracking Materials

## B-488 POLYESTER MATERIAL (CONTINUE)



| Diagram                                                                                                                                                      | Order Reference    | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Cartridge/Roll | Printer Ribbon |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|---------------------------|----------------|
| Following part numbers are mounted on a 25mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                    |           |        |                    |                     |                          |                        |                  |                |                           |                |
| ●                                                                                                                                                            | THT-140-488-1.5-SC | Polyester | White  | 22.86              | 19.05               | 25.40                    | 22.23                  | 53.34            | 2              | 1500                      | R7950          |
| ●                                                                                                                                                            | BPT-616-488        | Polyester | White  | 22.86              | 19.05               | 25.86                    | 21.98                  | 80.58            | 3              | 3000                      | R7950          |
| ▲                                                                                                                                                            | THT-164-488-1-SC   | Polyester | White  | 22.86              | 22.86               | —                        | 25.40                  | 27.94            | 1              | 1000                      | R7950          |
| ●                                                                                                                                                            | BPT-617-488        | Polyester | White  | 22.86              | 22.86               | 25.86                    | 25.86                  | 80.58            | 3              | 3000                      | R7950          |
| ▲                                                                                                                                                            | BPT-635-488        | Polyester | White  | 48.26              | 6.35                | —                        | 11.35                  | 54.26            | 1              | 2000                      | R7950          |

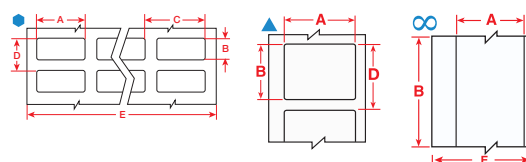


## B-489 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material, similar to B-483, but with matt finish. Aggressive adhesive specifically designed for powder coated surfaces.



Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-489-10    | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-37-489-10   | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300         |
| ▲       | THT-17-489-3    | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300         |
| ▲       | THT-7-489-3     | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300         |
| ∞       | THT-21-489      | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300         |
| ▲       | THT-18-489-3    | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲       | THT-19-489-1    | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |
| ▲       | THT-55-489-1    | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300         |
| ▲       | THT-76-489-1    | Polyester | White  | 101.60             | 76.20               | —                  | —                        | 79.37                  | 106.68           | 1              | 1000               | R4300         |

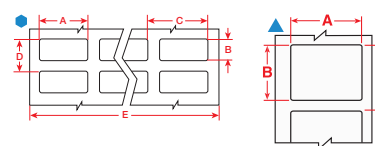


## B-533 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer material with glossy finish and removable adhesive. Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and that can be cleanly removed.



Performance Attributes



| Diagram                                                                                                                                                       | Order Reference   | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●                                                                                                                                                             | THT-12-533-10     | Polyester | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ▲                                                                                                                                                             | THT-59-533-10     | Polyester | White  | 25.40              | 12.70               | —                        | 15.20                  | 30.48            | 1              | 10000*             | R6000         |
| ●                                                                                                                                                             | THT-5-533-10      | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●                                                                                                                                                             | THT-13-533-10     | Polyester | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000         |
| ▲                                                                                                                                                             | THT-17-533-3      | Polyester | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.88            | 1              | 3000               | R6000         |
| ▲                                                                                                                                                             | THT-18-533-3      | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲                                                                                                                                                             | THT-19-533-1      | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                   |           |        |                    |                     |                          |                        |                  |                |                    |               |
| ▲                                                                                                                                                             | THT-59-533-2.5-SC | Polyester | White  | 25.40              | 12.70               | —                        | 15.20                  | 30.48            | 1              | 2500               | R6000         |
| ▲                                                                                                                                                             | THT-17-533-1.5-SC | Polyester | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.88            | 1              | 1500               | R6000         |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

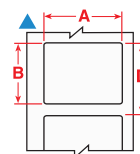
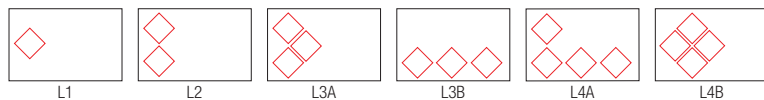


## B-7594 POLYPROPYLENE MATERIAL

Colour: White with pre-printed Red Diamond(s)

Finish: Gloss

White polypropylene material stock with glossy finish. Used for thermal transfer printing. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use. Supplied with pre-printed red diamonds, ready for you to print the required warning, compliant to the latest regulations.



| Diagram | Order Reference       | Material      | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------------|---------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THTCLP-S-L1-7594-2    | Polypropylene | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-S-L2-7594-2    | Polypropylene | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-S-L3A-7594-2   | Polypropylene | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-S-L3B-7594-2   | Polypropylene | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-S-L4A-7594-2   | Polypropylene | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-S-L4B-7594-2   | Polypropylene | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000         |
| ▲       | THTCLP-M-L1-7594-1    | Polypropylene | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-M-L2-7594-1    | Polypropylene | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-M-L3A-7594-1   | Polypropylene | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-M-L3B-7594-1   | Polypropylene | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-M-L4A-7594-1   | Polypropylene | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-M-L4B-7594-1   | Polypropylene | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000         |
| ▲       | THTCLP-L-L1-7594-0.5  | Polypropylene | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |
| ▲       | THTCLP-L-L2-7594-0.5  | Polypropylene | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |
| ▲       | THTCLP-L-L3A-7594-0.5 | Polypropylene | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |
| ▲       | THTCLP-L-L3B-7594-0.5 | Polypropylene | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |
| ▲       | THTCLP-L-L4A-7594-0.5 | Polypropylene | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |
| ▲       | THTCLP-L-L4B-7594-0.5 | Polypropylene | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000         |

Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer.

|   |                          |               |     |        |        |        |        |   |     |       |
|---|--------------------------|---------------|-----|--------|--------|--------|--------|---|-----|-------|
| ▲ | THTCLP-S-L1-7594-0.4-SC  | Polypropylene | L1  | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-S-L2-7594-0.4-SC  | Polypropylene | L2  | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-S-L3A-7594-0.4-SC | Polypropylene | L3A | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-S-L3B-7594-0.4-SC | Polypropylene | L3B | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-S-L4A-7594-0.4-SC | Polypropylene | L4A | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-S-L4B-7594-0.4-SC | Polypropylene | L4B | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R6000 |
| ▲ | THTCLP-M-L1-7594-0.3-SC  | Polypropylene | L1  | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-M-L2-7594-0.3-SC  | Polypropylene | L2  | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-M-L3A-7594-0.3-SC | Polypropylene | L3A | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-M-L3B-7594-0.3-SC | Polypropylene | L3B | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-M-L4A-7594-0.3-SC | Polypropylene | L4A | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-M-L4B-7594-0.3-SC | Polypropylene | L4B | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R6000 |
| ▲ | THTCLP-L-L1-7594-0.2-SC  | Polypropylene | L1  | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |
| ▲ | THTCLP-L-L2-7594-0.2-SC  | Polypropylene | L2  | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |
| ▲ | THTCLP-L-L3A-7594-0.2-SC | Polypropylene | L3A | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |
| ▲ | THTCLP-L-L3B-7594-0.2-SC | Polypropylene | L3B | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |
| ▲ | THTCLP-L-L4A-7594-0.2-SC | Polypropylene | L4A | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |
| ▲ | THTCLP-L-L4B-7594-0.2-SC | Polypropylene | L4B | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R6000 |

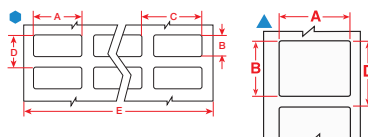


## B-7563 POLYESTER MATERIAL

Colour: Silver

Finish: Satin

Thermal transfer printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with nameplate quality and a metallic finish.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | BPT-5-7563-2.5  | Metallised Polyester | Silver | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R7960         |
| ●       | BPT-6-7563-2.5  | Metallised Polyester | Silver | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R7960         |
| ▲       | BPT-17-7563-1   | Metallised Polyester | Silver | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R7960         |
| ▲       | BPT-7-7563-1    | Metallised Polyester | Silver | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R7960         |
| ▲       | BPT-19-7563-0.5 | Metallised Polyester | Silver | 76.00              | 50.00               | —                        | 53.00                  | 108.00           | 1              | 500                | R7960         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# General Identification and Asset Tracking Materials

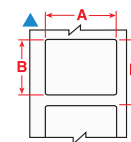


## B-7604 PAPER MATERIAL

Colour: White

Finish: Matt

White direct thermal paper material for standard performance general labelling applications.



| Diagram                                                                                                                                                       | Order Reference | Material             | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                 |                      |        |                       |                        |                           |                     |                   |                       |
| ▲                                                                                                                                                             | BPT-510-300     | Direct Thermal Paper | White  | 25.40                 | 76.20                  | 79.20                     | 29.50               | 1                 | 500                   |
| ▲                                                                                                                                                             | BPT-999-007     | Direct Thermal Paper | White  | 30.50                 | 21.60                  | 24.60                     | 34.00               | 1                 | 1500                  |
| ▲                                                                                                                                                             | BPT-512-105     | Direct Thermal Paper | White  | 31.75                 | 25.40                  | 28.40                     | 35.00               | 1                 | 1380                  |
| ▲                                                                                                                                                             | BPT-522-075     | Direct Thermal Paper | White  | 57.15                 | 19.05                  | 22.23                     | 59.94               | 1                 | 1780                  |
| ▲                                                                                                                                                             | BPT-522-125     | Direct Thermal Paper | White  | 57.15                 | 31.75                  | 34.93                     | 59.94               | 1                 | 1135                  |
| ▲                                                                                                                                                             | BPT-522-205     | Direct Thermal Paper | White  | 57.15                 | 50.80                  | 53.98                     | 59.94               | 1                 | 735                   |
| ▲                                                                                                                                                             | BPT-522-305     | Direct Thermal Paper | White  | 57.15                 | 76.20                  | 79.38                     | 59.94               | 1                 | 500                   |
| ▲                                                                                                                                                             | BPT-522-405     | Direct Thermal Paper | White  | 57.15                 | 101.60                 | 104.78                    | 59.94               | 1                 | 380                   |
| ▲                                                                                                                                                             | BPT-540-105     | Direct Thermal Paper | White  | 101.60                | 25.40                  | 28.58                     | 107.95              | 1                 | 1310                  |
| ▲                                                                                                                                                             | BPT-540-155     | Direct Thermal Paper | White  | 101.60                | 38.10                  | 41.28                     | 107.95              | 1                 | 960                   |
| ▲                                                                                                                                                             | BPT-540-250     | Direct Thermal Paper | White  | 101.60                | 63.50                  | 66.68                     | 107.95              | 1                 | 640                   |
| ▲                                                                                                                                                             | BPT-540-305     | Direct Thermal Paper | White  | 101.60                | 76.20                  | 79.38                     | 107.95              | 1                 | 500                   |
| ▲                                                                                                                                                             | BPT-540-405     | Direct Thermal Paper | White  | 101.60                | 101.60                 | 104.78                    | 107.95              | 1                 | 380                   |
| ▲                                                                                                                                                             | BPT-540-500     | Direct Thermal Paper | White  | 101.60                | 127.00                 | 130.18                    | 107.95              | 1                 | 305                   |
| ▲                                                                                                                                                             | BPT-540-600     | Direct Thermal Paper | White  | 101.60                | 152.40                 | 155.58                    | 107.95              | 1                 | 250                   |

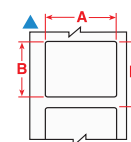


## B-7608 PAPER MATERIAL

Colour: White

Finish: Matt

White thermal transfer printable paper for standard performance general labelling applications.



| Diagram                                                                                                                                                       | Order Reference | Material | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                 |          |        |                       |                        |                           |                     |                   |                       |                  |
| ▲                                                                                                                                                             | BPT-722-075     | Paper    | White  | 57.15                 | 19.05                  | 22.23                     | 59.94               | 1                 | 1135                  | R7940            |
| ▲                                                                                                                                                             | BPT-222-125     | Paper    | White  | 57.15                 | 31.75                  | 34.93                     | 59.94               | 1                 | 1135                  | R7940            |
| ▲                                                                                                                                                             | BPT-222-205     | Paper    | White  | 57.15                 | 50.80                  | 53.98                     | 59.94               | 1                 | 735                   | R7940            |
| ▲                                                                                                                                                             | BPT-222-305     | Paper    | White  | 57.15                 | 76.20                  | 79.38                     | 59.94               | 1                 | 500                   | R7940            |
| ▲                                                                                                                                                             | BPT-222-405     | Paper    | White  | 57.15                 | 101.60                 | 104.78                    | 59.94               | 1                 | 380                   | R7940            |
| ▲                                                                                                                                                             | BPT-740-155     | Paper    | White  | 101.60                | 38.10                  | 41.28                     | 107.95              | 1                 | 960                   | R7940            |
| ▲                                                                                                                                                             | BPT-240-305     | Paper    | White  | 101.60                | 76.20                  | 79.38                     | 107.95              | 1                 | 500                   | R7940            |
| ▲                                                                                                                                                             | BPT-240-405     | Paper    | White  | 101.60                | 101.60                 | 104.78                    | 107.95              | 1                 | 380                   | R7940            |
| ▲                                                                                                                                                             | BPT-740-505     | Paper    | White  | 101.60                | 127.00                 | 130.18                    | 107.95              | 1                 | 305                   | R7940            |
| ▲                                                                                                                                                             | BPT-240-605     | Paper    | White  | 101.60                | 152.40                 | 155.58                    | 107.95              | 1                 | 250                   | R7940            |

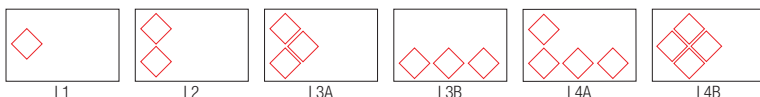
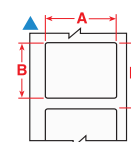


## B-7610 PAPER MATERIAL

Colour: White with pre-printed Red Diamond(s)

Finish: Matt

White thermal transfer printable paper for standard performance general labelling applications. Supplied with pre-printed red diamonds, ready for you to print the required warning, compliant to the latest regulations.

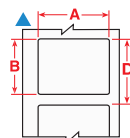
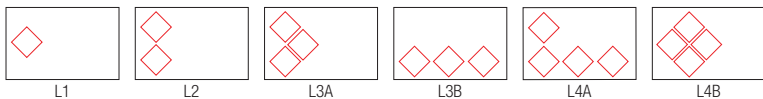


| Diagram | Order Reference     | Material | Layout | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|---------------------|----------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
| ▲       | THTCLP-S-L1-7610-2  | Paper    | L1     | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-S-L2-7610-2  | Paper    | L2     | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-S-L3A-7610-2 | Paper    | L3A    | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-S-L3B-7610-2 | Paper    | L3B    | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-S-L4A-7610-2 | Paper    | L4A    | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-S-L4B-7610-2 | Paper    | L4B    | 55.00                 | 85.00                  | 91.02                     | 59.00               | 1                 | 2000                  | R7950            |
| ▲       | THTCLP-M-L1-7610-1  | Paper    | L1     | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |

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View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-7610 PAPER MATERIAL (CONTINUED)



| Diagram | Order Reference       | Material | Layout | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------------|----------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
| ▲       | THTCLP-M-L2-7610-1    | Paper    | L2     | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |
| ▲       | THTCLP-M-L3A-7610-1   | Paper    | L3A    | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |
| ▲       | THTCLP-M-L3B-7610-1   | Paper    | L3B    | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |
| ▲       | THTCLP-M-L4A-7610-1   | Paper    | L4A    | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |
| ▲       | THTCLP-M-L4B-7610-1   | Paper    | L4B    | 75.00                 | 110.00                 | 115.36                    | 79.00               | 1                 | 1000                  | R7950            |
| ▲       | THTCLP-L-L1-7610-0.5  | Paper    | L1     | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |
| ▲       | THTCLP-L-L2-7610-0.5  | Paper    | L2     | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |
| ▲       | THTCLP-L-L3A-7610-0.5 | Paper    | L3A    | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |
| ▲       | THTCLP-L-L3B-7610-0.5 | Paper    | L3B    | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |
| ▲       | THTCLP-L-L4A-7610-0.5 | Paper    | L4A    | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |
| ▲       | THTCLP-L-L4B-7610-0.5 | Paper    | L4B    | 105.00                | 155.00                 | 160.12                    | 109.00              | 1                 | 500                   | R7950            |

Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer.

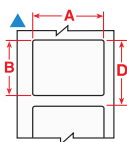
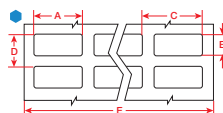
|   |                          |       |     |        |        |        |        |   |     |       |
|---|--------------------------|-------|-----|--------|--------|--------|--------|---|-----|-------|
| ▲ | THTCLP-S-L1-7610-0.4-SC  | Paper | L1  | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-S-L2-7610-0.4-SC  | Paper | L2  | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-S-L3A-7610-0.4-SC | Paper | L3A | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-S-L3B-7610-0.4-SC | Paper | L3B | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-S-L4A-7610-0.4-SC | Paper | L4A | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-S-L4B-7610-0.4-SC | Paper | L4B | 55.00  | 85.00  | 91.02  | 59.00  | 1 | 400 | R7950 |
| ▲ | THTCLP-M-L1-7610-0.3-SC  | Paper | L1  | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-M-L2-7610-0.3-SC  | Paper | L2  | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-M-L3A-7610-0.3-SC | Paper | L3A | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-M-L3B-7610-0.3-SC | Paper | L3B | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-M-L4A-7610-0.3-SC | Paper | L4A | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-M-L4B-7610-0.3-SC | Paper | L4B | 75.00  | 110.00 | 115.36 | 79.00  | 1 | 300 | R7950 |
| ▲ | THTCLP-L-L1-7610-0.2-SC  | Paper | L1  | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |
| ▲ | THTCLP-L-L2-7610-0.2-SC  | Paper | L2  | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |
| ▲ | THTCLP-L-L3A-7610-0.2-SC | Paper | L3A | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |
| ▲ | THTCLP-L-L3B-7610-0.2-SC | Paper | L3B | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |
| ▲ | THTCLP-L-L4A-7610-0.2-SC | Paper | L4A | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |
| ▲ | THTCLP-L-L4B-7610-0.2-SC | Paper | L4B | 105.00 | 155.00 | 160.12 | 109.00 | 1 | 200 | R7950 |

## B-8423 POLYESTER MATERIAL

Colour: White

Finish: Satin

White polyester material with satin finish, alternative to B-423. Used for component identification, barcoding, asset and inventory tracking.



Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal Repeat<br>C (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|-----------|--------|-----------------------|------------------------|-----------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
| ●       | THT-G2-8423-YL  | Polyester | Yellow | 20.00                 | 8.00                   | 23.00                       | 15.00                     | 108.00              | 4                 | 10000                 | R6000            |
| ▲       | XHT-17-8423-5   | Polyester | White  | 50.80                 | 25.40                  | —                           | 28.58                     | 55.88               | 1                 | 5000                  | R6000            |
| ▲       | XHT-18-8423-5   | Polyester | White  | 76.20                 | 25.40                  | —                           | 28.58                     | 81.28               | 1                 | 5000                  | R6000            |
| ▲       | XHT-19-8423-3   | Polyester | White  | 76.20                 | 50.80                  | —                           | 53.98                     | 81.28               | 1                 | 3000                  | R6000            |
| ▲       | XHT-55-8423-3   | Polyester | White  | 101.60                | 50.80                  | —                           | 53.98                     | 106.68              | 1                 | 3000                  | R6000            |

Following part numbers are mounted on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer.

|   |                 |           |        |       |       |       |       |        |    |      |       |
|---|-----------------|-----------|--------|-------|-------|-------|-------|--------|----|------|-------|
| ● | BPT-11-8423-2.5 | Polyester | White  | 6.35  | 6.35  | 6.35  | 9.31  | 108.00 | 15 | 2500 | R6000 |
| ● | BPT-38-8423-2.5 | Polyester | White  | 9.53  | 9.53  | 9.53  | 12.53 | 108.00 | 9  | 2500 | R6000 |
| ● | BPT-12-8423-2.5 | Polyester | White  | 12.70 | 11.10 | 12.70 | 14.13 | 108.00 | 7  | 2500 | R6000 |
| ● | BPT-G2-8423-YL  | Polyester | Yellow | 16.00 | 9.00  | 18.00 | 17.00 | 108.00 | 5  | 5000 | R6000 |
| ● | BPT-14-8423-2.5 | Polyester | White  | 16.51 | 5.08  | 19.51 | 8.08  | 108.00 | 5  | 2500 | R6000 |
| ● | BPT-1-8423-2.5  | Polyester | White  | 19.05 | 6.35  | 6.35  | 9.40  | 108.00 | 5  | 2500 | R6000 |
| ● | BPT-G3-8423-YL  | Polyester | Yellow | 20.00 | 8.00  | 23.00 | 15.00 | 108.00 | 4  | 5000 | R6000 |
| ● | BPT-5-8423-2.5  | Polyester | White  | 25.40 | 12.70 | 28.40 | 15.70 | 108.00 | 3  | 2500 | R6000 |
| ● | BPT-13-8423-2.5 | Polyester | White  | 31.75 | 6.35  | 34.75 | 9.35  | 108.00 | 3  | 2500 | R6000 |
| ● | BPT-4-8423-2.5  | Polyester | White  | 38.10 | 6.35  | 50.10 | 9.35  | 108.00 | 2  | 2500 | R6000 |
| ● | BPT-6-8423-2.5  | Polyester | White  | 38.10 | 19.05 | 50.10 | 22.05 | 108.00 | 2  | 2500 | R6000 |
| ▲ | BPT-17-8423-1   | Polyester | White  | 50.80 | 25.40 | —     | 28.54 | 108.00 | 1  | 1000 | R6000 |
| ▲ | BPT-7-8423-1    | Polyester | White  | 69.85 | 31.75 | —     | 34.75 | 108.00 | 1  | 1000 | R6000 |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# Overlaminating Materials



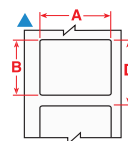
## B-103 OVERLAMINATING MATERIAL

Colour: Clear

Finish: Gloss

Clear polyester overlaminate labels recommended for use with most Brady materials. Place label on top of printed materials to protect against dirt, chemicals and abrasion.

Performance Attributes



| Diagram | Order Reference | Material               | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|------------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|
| ▲       | LAM-1-103       | Polyester Overlaminate | Clear  | 16.50              | 5.10                | 6.70                   | 21.60            | 1              | 5000               |
| ▲       | LAM-2-103       | Polyester Overlaminate | Clear  | 25.40              | 6.35                | 7.92                   | 30.50            | 1              | 5000               |
| ▲       | LAM-5-103       | Polyester Overlaminate | Clear  | 25.40              | 12.70               | 14.27                  | 30.50            | 1              | 2000               |
| ▲       | LAM-3-103       | Polyester Overlaminate | Clear  | 38.10              | 6.35                | 6.70                   | 43.18            | 1              | 5000               |
| ▲       | LAM-6-103       | Polyester Overlaminate | Clear  | 38.10              | 19.05               | 20.62                  | 43.18            | 1              | 2000               |
| ▲       | LAM-7-103       | Polyester Overlaminate | Clear  | 50.80              | 25.40               | 26.97                  | 55.88            | 1              | 2000               |

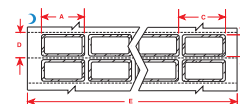


## B-423 POLYESTER MATERIAL WITH B-966 OVERLAMINATE

Colour: White

Finish: Gloss

A white polyester label that comes with a separate overlaminate to be applied over the label once printed. This way the label remains clear and easy-to-read, even in harsh environments. Overlaminate is a clear polyester (B-966B) that extends outside of label on each side when applied.



| Diagram | Order Reference | Material                              | Colour | Label Width A (mm) | Label Height B (mm) | Overlaminate Dimensions - Width (mm) | Overlaminate Dimensions - Height (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|---------------------------------------|--------|--------------------|---------------------|--------------------------------------|---------------------------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ☺       | THT-22-423-2    | Polyester with Polyester Overlaminate | White  | 31.75              | 19.05               | 34.75                                | 22.05                                 | 41.91                    | 28.58                  | 85.09            | 2              | 2000               | R6000         |
| ☺       | THT-23-423-2    | Polyester with Polyester Overlaminate | White  | 50.80              | 25.40               | 53.80                                | 28.40                                 | —                        | 34.93                  | 62.23            | 1              | 2000               | R6000         |
| ☺       | THT-24-423-1    | Polyester with Polyester Overlaminate | White  | 69.85              | 44.45               | 71.85                                | 47.45                                 | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |

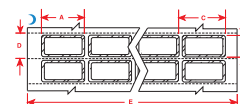


## B-428 POLYESTER MATERIAL WITH B-966 OVERLAMINATE

Colour: Silver

Finish: Gloss

A metallised polyester label that comes with a separate overlaminate to be applied over the label once printed. This way the label remains clear and easy-to-read, even in harsh environments. Overlaminate is a clear polyester (B-966B) that extends outside of label on each side when applied.



| Diagram | Order Reference | Material                                         | Colour | Label Width A (mm) | Label Height B (mm) | Overlaminate Dimensions - Width (mm) | Overlaminate Dimensions - Height (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------------------------------|--------|--------------------|---------------------|--------------------------------------|---------------------------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ☺       | THT-22-428-2    | Metallised Polyester with Polyester Overlaminate | Silver | 31.75              | 19.05               | 34.75                                | 22.05                                 | 41.91                    | 28.58                  | 85.09            | 2              | 2000               | R4300         |
| ☺       | THT-23-428-2    | Metallised Polyester with Polyester Overlaminate | Silver | 50.80              | 25.40               | 53.80                                | 28.40                                 | —                        | 34.93                  | 62.23            | 1              | 2000               | R4300         |
| ☺       | THT-24-428-1    | Metallised Polyester with Polyester Overlaminate | Silver | 69.85              | 44.45               | 71.85                                | 47.45                                 | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

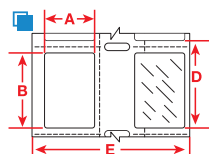


## B-434 POLYESTER MATERIAL WITH B-7564 OVERLAMINATE

Colour: Silver

Finish: Matt

Metallised polyester with a thicker layer of adhesive for better adherence to rough surface applications. Comes with a separate overlaminate (B-7564). This Print & Protect construction allows extremely quick, easy and 100% accurate laminating of a transparent laminate on top of a printed label.



| Diagram | Order Reference      | Material                                       | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|----------------------|------------------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTPNP-01-434/7564-2 | Metallised Polyester with Polyester Overlamine | Silver | 20.00              | 30.00               | 20.00                              | 30.00                               | 34.93                  | 63.00            | 1              | 2000               | R6000         |
|         | THTPNP-02-434/7564-1 | Metallised Polyester with Polyester Overlamine | Silver | 25.40              | 50.80               | 25.40                              | 50.80                               | 55.88                  | 75.60            | 1              | 1000               | R6000         |
|         | THTPNP-03-434/7564-1 | Metallised Polyester with Polyester Overlamine | Silver | 50.00              | 75.00               | 50.00                              | 75.00                               | 80.17                  | 114.00           | 1              | 1000               | R6000         |

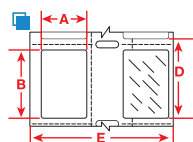
Sale of this product is prohibited in Germany.

## B-483 POLYESTER MATERIAL WITH B-7552 OVERLAMINATE

Colour: White

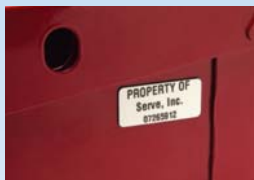
Finish: Gloss

White polyester with glossy finish and aggressive adhesive specifically designed for powder coated surfaces. Comes with a separate overlaminate (B-7552). This Print & Protect construction allows extremely quick, easy and 100% accurate laminating of a transparent laminate on top of a printed label.



| Diagram | Order Reference      | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|----------------------|-------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTPNP-01-483/7552-2 | Polyester with Polyester Overlamine | White  | 20.00              | 30.00               | 20.00                              | 30.00                               | 34.93                  | 63.00            | 1              | 2000               | R6000         |
|         | THTPNP-02-483/7552-1 | Polyester with Polyester Overlamine | White  | 25.40              | 50.80               | 25.40                              | 50.80                               | 55.88                  | 75.60            | 1              | 1000               | R6000         |
|         | THTPNP-03-483/7552-1 | Polyester with Polyester Overlamine | White  | 50.00              | 75.00               | 50.00                              | 75.00                               | 80.17                  | 114.00           | 1              | 1000               | R6000         |

Sale of this product is prohibited in Germany.



## Printer Compatibility

All raised panel / control panel parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter™ PR Plus Printers**  
see page 92



**Brady IPT™ Printer**  
see page 90

## RAISED PANEL / CONTROL PANEL MATERIALS

### A cost-saving alternative to engraved legend plates

Brady's Raised Panel Material (EPREP) are foam-backed polyester labels with an aggressive, permanent adhesive. Thicker and more durable than a normal label, Raised Panel material is a cost-effective alternative to engraved legend plates and are ideal to identify industrial control panels, signal lights and other indoor components, as well as outdoor electrical boxes, instrument panels and more.

Using one of Brady's printers means you can create your labels in real time right in your facility - a more practical and customisable option than traditional legend plates.



**How to read an order reference: example THT-5-423-10**

|                  |          |           |          |                   |          |                   |
|------------------|----------|-----------|----------|-------------------|----------|-------------------|
| <b>THT</b>       | <b>-</b> | <b>5</b>  | <b>-</b> | <b>423</b>        | <b>-</b> | <b>10</b>         |
| Technology:      |          | Label     |          | Brady material    |          | Quantity:         |
| Thermal Transfer |          | size code |          | number (B-number) |          | Multiply by 1,000 |



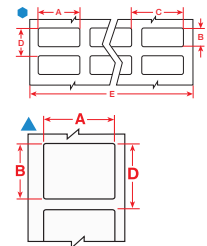
## B-7593 EPREP POLYESTER MATERIAL - RECTANGULAR

Colour: Various

Finish: Gloss

Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumeric that require name plate quality. Available in a variety of colours.

Performance Attributes:

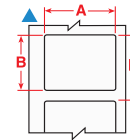


| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THTPE-20-7593-WT | Polyethylene-foam Laminate Polyester | White  | 8.00               | 125.00              | 11.00                    | 135.00                 | 85.00            | 7              | 2800               | R6000         |
| ▲       | THTPE-21-7593-WT | Polyethylene-foam Laminate Polyester | White  | 25.00              | 75.00               | —                        | 28.22                  | 81.00            | 1              | 500                | R6000         |
| ▲       | THTPE-21-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 25.00              | 75.00               | —                        | 28.22                  | 81.00            | 1              | 500                | R6000         |
| ▲       | THTPE-22-7593-WT | Polyethylene-foam Laminate Polyester | White  | 25.00              | 100.00              | —                        | 28.22                  | 106.00           | 1              | 500                | R6000         |
| ▲       | THTPE-22-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 25.00              | 100.00              | —                        | 28.22                  | 106.00           | 1              | 500                | R6000         |
| ▲       | THTPE-01-7593-WT | Polyethylene-foam Laminate Polyester | White  | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000         |
| ▲       | THTPE-01-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000         |
| ▲       | THTPE-01-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000         |
| ▲       | THTPE-02-7593-WT | Polyethylene-foam Laminate Polyester | White  | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2000               | R6000         |
| ▲       | THTPE-02-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2500               | R6000         |
| ▲       | THTPE-02-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2000               | R6000         |
| ▲       | THTPE-03-7593-WT | Polyethylene-foam Laminate Polyester | White  | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-03-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-03-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-04-7593-WT | Polyethylene-foam Laminate Polyester | White  | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-04-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-04-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-07-7593-WT | Polyethylene-foam Laminate Polyester | White  | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000         |
| ▲       | THTPE-07-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000         |
| ▲       | THTPE-07-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000         |
| ▲       | THTPE-07-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000         |
| ▲       | THTPE-06-7593-WT | Polyethylene-foam Laminate Polyester | White  | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-06-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-06-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000         |
| ▲       | THTPE-08-7593-WT | Polyethylene-foam Laminate Polyester | White  | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000         |

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View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-7593 EPREP POLYESTER MATERIAL - RECTANGULAR (CONTINUED)



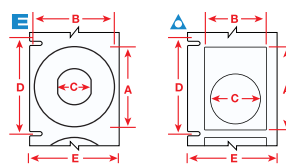
| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THTEP-08-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000         |
| ▲       | THTEP-08-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000         |
| ▲       | THTEP-08-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000         |
| ▲       | THTEP-15-7593-WT | Polyethylene-foam Laminate Polyester | White  | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000         |
| ▲       | THTEP-15-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000         |
| ▲       | THTEP-15-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000         |
| ▲       | THTEP-15-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000         |
| ▲       | THTEP-18-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 60.00              | 400.00              | —                        | 412.75                 | 70.00            | 1              | 200                | R6000         |
| ▲       | THTEP-18-7593-WT | Polyethylene-foam Laminate Polyester | White  | 60.00              | 400.00              | —                        | 412.75                 | 70.00            | 1              | 200                | R6000         |
| ▲       | THTEP-09-7593-WT | Polyethylene-foam Laminate Polyester | White  | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000         |
| ▲       | THTEP-09-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000         |
| ▲       | THTEP-09-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000         |
| ▲       | THTEP-09-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000         |
| ▲       | THTEP-17-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 69.00              | 150.00              | —                        | 161.92                 | 79.00            | 1              | 400                | R6000         |
| ▲       | THTEP-17-7593-WT | Polyethylene-foam Laminate Polyester | White  | 69.00              | 150.00              | —                        | 161.92                 | 79.00            | 1              | 400                | R6000         |
| ▲       | THTEP-16-7593-WT | Polyethylene-foam Laminate Polyester | White  | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000         |
| ▲       | THTEP-16-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000         |
| ▲       | THTEP-16-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000         |
| ▲       | THTEP-16-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000         |
| ▲       | THTEP-11-7593-WT | Polyethylene-foam Laminate Polyester | White  | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-11-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-11-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-11-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-12-7593-WT | Polyethylene-foam Laminate Polyester | White  | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-12-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-12-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000         |
| ▲       | THTEP-12-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000         |

## B-7593 EPREP POLYESTER MATERIAL - PUSH BUTTON

Colour: Various

Finish: Gloss

Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumeric that require name plate quality. Available in a variety of colours.



Performance Attributes:



| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|----------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THTEP-05-7593-RD | Polyethylene-foam Laminate Polyester | Red    | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000         |
| ▲       | THTEP-05-7593-GR | Polyethylene-foam Laminate Polyester | Green  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000         |
| ▲       | THTEP-05-7593-BK | Polyethylene-foam Laminate Polyester | Black  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000         |
| ▲       | THTEP-05-7593-WT | Polyethylene-foam Laminate Polyester | White  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000         |
| ▲       | THTEP-05-7593-SV | Polyethylene-foam Laminate Polyester | Silver | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000         |
| E       | THTEP-19-7593-YL | Polyethylene-foam Laminate Polyester | Yellow | 60.00              | 60.00               | 25.00                | 69.85                  | 73.00            | 1              | 100                | R6000         |
| E       | THTEP-19-7593-RD | Polyethylene-foam Laminate Polyester | Red    | 60.00              | 60.00               | 25.00                | 69.85                  | 73.00            | 1              | 100                | R6000         |



## CIRCUIT BOARD IDENTIFICATION MATERIAL

**Improve processes and reduce operating costs with clearly identified circuit boards.**

Brady's circuit board material, or PCB labels, are polyimide labels that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB labels in a variety of materials, including anti-static PCB labels and labels for auto-apply applications. These high-temperature circuit board materials can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

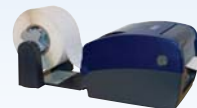
All circuit board parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter™ PR Plus Printers**  
see page 92



**Brady IP™ Printer**  
see page 90



**BBPT™11 Label Printer**  
see page 68  
76.20 mm Core Label Rolls are compatible when used with Media Holder accessory.

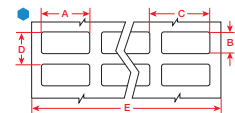


## B-436 REMOVABLE POLYIMIDE MATERIAL

Colour: Amber

Finish: Matt

Amber polyimide material with matt finish for thermal transfer printing. Removable silicone adhesive for temporary preprocess labelling on printed circuit board or electronic components that require clean removability.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-11-436-10   | Polyimide | Amber  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R4300         |
|         | THT-14-436-10   | Polyimide | Amber  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300         |
|         | THT-1-436-10    | Polyimide | Amber  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |

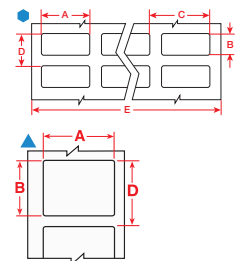


## B-473 ELECTROSTATIC DISSIPATIVE POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester with glossy finish used for printed circuit board and electronic component post-process labelling. Surface resistivity values in the recommended range for dissipative ESD packing materials.



Performance Attributes:



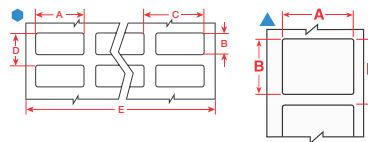
| Diagram | Order Reference | Material                     | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-11-473-10   | Static Dissipative Polyester | White  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000         |
|         | THT-70-473-20   | Static Dissipative Polyester | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000         |
|         | THT-38-473-10   | Static Dissipative Polyester | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000         |
|         | THT-36-473-10   | Static Dissipative Polyester | White  | 12.70              | 5.08                | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000         |
|         | THT-97-473-10   | Static Dissipative Polyester | White  | 12.70              | 5.08                | -                        | 7.62                   | 17.78            | 1              | 10000              | R6000         |
|         | THT-96-473-10   | Static Dissipative Polyester | White  | 12.70              | 6.99                | 15.24                    | 9.53                   | 63.50            | 4              | 10000              | R6000         |

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View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



## B-473 ELECTROSTATIC DISSIPATIVE POLYESTER MATERIAL (CONTINUED)



| Diagram | Order Reference | Material                     | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-473-10   | Static Dissipative Polyester | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ▲       | THT-99-473-10   | Static Dissipative Polyester | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000         |
| ●       | THT-14-473-10   | Static Dissipative Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ▲       | THT-47-473-10   | Static Dissipative Polyester | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000         |
| ●       | THT-57-473-10   | Static Dissipative Polyester | White  | 17.78              | 9.53                | 20.32                    | 12.07                  | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-100-473-10  | Static Dissipative Polyester | White  | 17.78              | 9.53                | —                        | 12.07                  | 22.86            | 1              | 10000              | R6000         |
| ●       | THT-1-473-10    | Static Dissipative Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-46-473-10   | Static Dissipative Polyester | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000         |
| ●       | THT-2-473-10    | Static Dissipative Polyester | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-49-473-10   | Static Dissipative Polyester | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000         |
| ●       | THT-3-473-10    | Static Dissipative Polyester | White  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-58-473-10   | Static Dissipative Polyester | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000         |
| ●       | THT-5-473-10    | Static Dissipative Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-473-10   | Static Dissipative Polyester | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ●       | THT-13-473-10   | Static Dissipative Polyester | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000         |
| ▲       | THT-43-473-10   | Static Dissipative Polyester | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |
| ●       | THT-4-473-10    | Static Dissipative Polyester | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-45-473-10   | Static Dissipative Polyester | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ▲       | THT-15-473-2.5  | Static Dissipative Polyester | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |
| ▲       | THT-48-473-10   | Static Dissipative Polyester | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000         |

\*2 rolls of 5000 labels

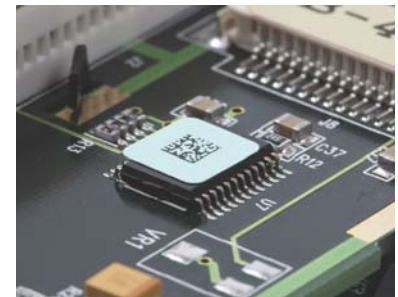
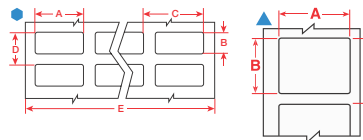


## B-476 POLYIMIDE MATERIAL

Colour: Light Green

Finish: Gloss

Light green polyimide material with glossy finish. Used in printed circuit board and electronic component pre-process labelling.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour      | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|-------------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-476-20   | Polyimide | Light Green | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000         |
| ●       | THT-14-476-10   | Polyimide | Light Green | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ▲       | THT-47-476-10   | Polyimide | Light Green | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000         |
| ●       | THT-1-476-10    | Polyimide | Light Green | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-2-476-10    | Polyimide | Light Green | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-476-10   | Polyimide | Light Green | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ▲       | THT-43-476-10   | Polyimide | Light Green | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |
| ▲       | THT-45-476-10   | Polyimide | Light Green | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ●       | THT-4-476-10    | Polyimide | Light Green | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-15-476-2.5  | Polyimide | Light Green | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |

\*2 rolls of 5000 labels



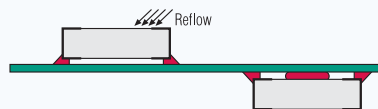
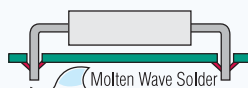
## DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue. Contact your Brady distributor for more information and to order your custom labels.

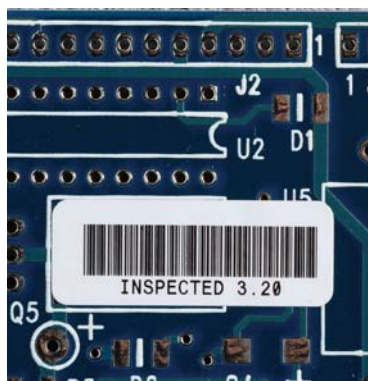




## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART



|                                                                         | Through Hole Technology<br>Top | Through Hole Technology<br>Bottom | Surface Mount Technology (SMT)<br>Top or Bottom | After Process |
|-------------------------------------------------------------------------|--------------------------------|-----------------------------------|-------------------------------------------------|---------------|
| B-436, B-476, B-496, B-717, B-718,<br>B-719, B-724, B-727, B-728, B-729 | Yes                            | Yes                               | Yes                                             | Yes           |
| B-422, B-423, B-428, B-433, B-435,<br>B-438, B-459, B-473, B-488, B-498 | Yes*                           | No                                | No                                              | Yes           |

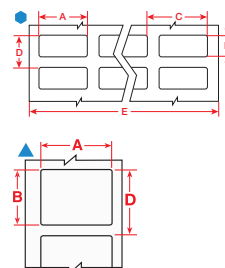


### B-717 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat<br>C (mm) | Vertical<br>Repeat<br>D (mm) | Web<br>Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|-----------|--------|-----------------------|------------------------|--------------------------------|------------------------------|------------------------|-------------------|-----------------------|------------------|
| ⬢       | THT-70-717-20   | Polyimide | White  | 6.35                  | 6.35                   | 8.13                           | 8.89                         | 60.20                  | 7                 | 20000                 | R6000            |
| ⬢       | THT-38-717-10   | Polyimide | White  | 9.53                  | 9.53                   | 11.10                          | 12.07                        | 81.28                  | 7                 | 10000                 | R6000            |
| ▲       | THT-97-717-10   | Polyimide | White  | 12.70                 | 5.08                   | —                              | 7.62                         | 17.78                  | 1                 | 10000                 | R6000            |
| ⬢       | THT-96-717-10   | Polyimide | White  | 12.70                 | 6.99                   | 15.24                          | 9.53                         | 63.50                  | 4                 | 10000                 | R6000            |
| ⬢       | THT-12-717-10   | Polyimide | White  | 12.70                 | 11.10                  | 16.81                          | 13.64                        | 85.09                  | 5                 | 10000                 | R6000            |
| ▲       | THT-99-717-10   | Polyimide | White  | 12.70                 | 12.70                  | —                              | 15.24                        | 17.78                  | 1                 | 10000*                | R6000            |
| ⬢       | THT-14-717-10   | Polyimide | White  | 16.51                 | 5.08                   | 17.78                          | 7.62                         | 74.93                  | 4                 | 10000                 | R6000            |
| ▲       | THT-47-717-10   | Polyimide | White  | 16.51                 | 5.08                   | —                              | 7.62                         | 21.59                  | 1                 | 10000                 | R6000            |
| ⬢       | THT-1-717-10    | Polyimide | White  | 19.05                 | 6.35                   | 20.32                          | 8.89                         | 85.09                  | 4                 | 10000                 | R6000            |
| ▲       | THT-46-717-10   | Polyimide | White  | 19.05                 | 6.35                   | —                              | 8.89                         | 24.13                  | 1                 | 10000                 | R6000            |
| ▲       | THT-42-717-10   | Polyimide | White  | 25.40                 | 4.75                   | —                              | 6.93                         | 30.48                  | 1                 | 10000                 | R6000            |
| ▲       | THT-103-717-10  | Polyimide | White  | 25.40                 | 6.35                   | —                              | 8.89                         | 30.48                  | 1                 | 10000                 | R6000            |
| ▲       | THT-59-717-10   | Polyimide | White  | 25.40                 | 12.70                  | —                              | 15.24                        | 30.48                  | 1                 | 10000*                | R6000            |
| ▲       | THT-43-717-10   | Polyimide | White  | 31.75                 | 6.35                   | —                              | 8.89                         | 36.83                  | 1                 | 10000                 | R6000            |
| ▲       | THT-44-717-10   | Polyimide | White  | 34.93                 | 6.35                   | —                              | 8.89                         | 40.64                  | 1                 | 10000                 | R6000            |
| ▲       | THT-60-717-10   | Polyimide | White  | 38.10                 | 3.18                   | —                              | 5.72                         | 43.18                  | 1                 | 10000                 | R6000            |
| ▲       | THT-45-717-10   | Polyimide | White  | 38.10                 | 6.35                   | —                              | 8.89                         | 43.18                  | 1                 | 10000                 | R6000            |
| ▲       | THT-15-717-2.5  | Polyimide | White  | 50.80                 | 6.35                   | —                              | 9.53                         | 55.88                  | 1                 | 2500                  | R6000            |
| ▲       | THT-48-717-10   | Polyimide | White  | 50.80                 | 6.35                   | —                              | 8.89                         | 55.88                  | 1                 | 10000                 | R6000            |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

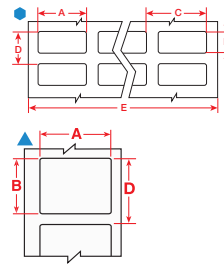


## B-718 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material, low profile (1 mil thickness), with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.

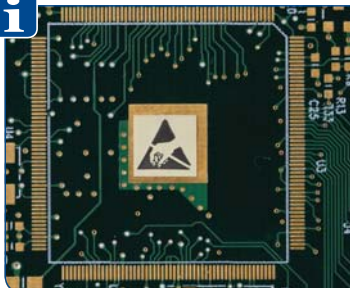


Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat<br>C (mm) | Vertical<br>Repeat<br>D (mm) | Web<br>Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|-----------|--------|-----------------------|------------------------|--------------------------------|------------------------------|------------------------|-------------------|-----------------------|------------------|
| ●       | THT-70-718-20   | Polyimide | White  | 6.35                  | 6.35                   | 8.13                           | 8.89                         | 60.20                  | 7                 | 20000                 | R6000            |
| ●       | THT-71-718-20   | Polyimide | White  | 8.00                  | 8.00                   | 9.53                           | 10.54                        | 60.71                  | 6                 | 20000                 | R6000            |
| ●       | THT-38-718-10   | Polyimide | White  | 9.53                  | 9.53                   | 11.10                          | 12.07                        | 81.28                  | 7                 | 10000                 | R6000            |
| ▲       | THT-97-718-10   | Polyimide | White  | 12.70                 | 5.08                   | —                              | 7.62                         | 17.78                  | 1                 | 10000                 | R6000            |
| ●       | THT-12-718-10   | Polyimide | White  | 12.70                 | 11.10                  | 16.81                          | 13.64                        | 85.09                  | 5                 | 10000                 | R6000            |
| ●       | THT-14-718-10   | Polyimide | White  | 16.51                 | 5.08                   | 17.78                          | 7.62                         | 74.93                  | 4                 | 10000                 | R6000            |
| ▲       | THT-47-718-10   | Polyimide | White  | 16.51                 | 5.08                   | —                              | 7.62                         | 21.59                  | 1                 | 10000                 | R6000            |
| ●       | THT-1-718-10    | Polyimide | White  | 19.05                 | 6.35                   | 20.32                          | 8.89                         | 85.09                  | 4                 | 10000                 | R6000            |
| ▲       | THT-46-718-10   | Polyimide | White  | 19.05                 | 6.35                   | —                              | 8.89                         | 24.13                  | 1                 | 10000                 | R6000            |
| ●       | THT-2-718-10    | Polyimide | White  | 22.86                 | 6.35                   | 28.58                          | 8.89                         | 85.09                  | 3                 | 10000                 | R6000            |
| ▲       | THT-49-718-10   | Polyimide | White  | 22.86                 | 6.35                   | —                              | 8.89                         | 27.94                  | 1                 | 10000                 | R6000            |
| ▲       | THT-42-718-10   | Polyimide | White  | 25.40                 | 4.75                   | —                              | 6.93                         | 30.48                  | 1                 | 10000                 | R6000            |
| ▲       | THT-103-718-10  | Polyimide | White  | 25.40                 | 6.35                   | —                              | 8.89                         | 30.48                  | 1                 | 10000                 | R6000            |
| ●       | THT-3-718-10    | Polyimide | White  | 25.40                 | 9.53                   | 27.31                          | 12.07                        | 85.09                  | 3                 | 10000                 | R6000            |
| ▲       | THT-58-718-10   | Polyimide | White  | 25.40                 | 9.53                   | —                              | 12.07                        | 30.48                  | 1                 | 10000                 | R6000            |
| ●       | THT-5-718-10    | Polyimide | White  | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09                  | 3                 | 10000                 | R6000            |
| ▲       | THT-59-718-10   | Polyimide | White  | 25.40                 | 12.70                  | —                              | 15.24                        | 30.48                  | 1                 | 10000*                | R6000            |
| ▲       | THT-43-718-10   | Polyimide | White  | 31.75                 | 6.35                   | —                              | 8.89                         | 36.83                  | 1                 | 10000                 | R6000            |
| ●       | THT-29-718-10   | Polyimide | White  | 31.75                 | 9.53                   | 33.02                          | 12.07                        | 69.85                  | 2                 | 10000                 | R6000            |
| ▲       | THT-44-718-10   | Polyimide | White  | 34.93                 | 6.35                   | —                              | 8.89                         | 40.00                  | 1                 | 10000                 | R6000            |
| ●       | THT-4-718-10    | Polyimide | White  | 38.10                 | 6.35                   | 41.91                          | 8.89                         | 85.09                  | 2                 | 10000                 | R6000            |
| ▲       | THT-45-718-10   | Polyimide | White  | 38.10                 | 6.35                   | —                              | 8.89                         | 43.18                  | 1                 | 10000                 | R6000            |
| ▲       | THT-72-718-10   | Polyimide | White  | 44.45                 | 6.35                   | —                              | 8.89                         | 49.53                  | 1                 | 10000                 | R6000            |
| ▲       | THT-48-718-10   | Polyimide | White  | 50.80                 | 6.35                   | —                              | 8.89                         | 55.88                  | 1                 | 10000                 | R6000            |

\*2 rolls of 5000 labels



## DID YOU KNOW? ELECTROSTATIC DISSIPATIVE (ESD) LABELS

The adhesive on Brady's electrostatic dissipative labels, or ESD labels, meets the requirements of ANSI/ESD S20.20-2007 and ANSI/ESD S541-2008 standards. ESD labels are designed to protect the static-sensitive components of your circuit boards.

Available in a variety of types and sizes, Brady's ESD labels can help you reduce damages from static discharge, and keep your product cost down.



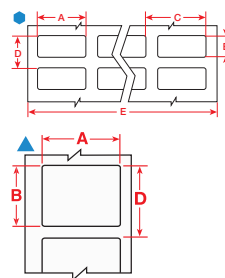
## B-719 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Matt

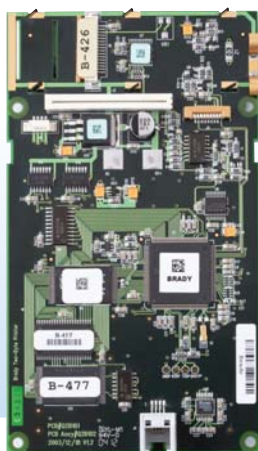
White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-719-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000         |
| ●       | THT-71-719-20   | Polyimide | White  | 8.00               | 8.00                | 9.53                     | 10.54                  | 60.71            | 6              | 20000              | R6000         |
| ●       | THT-38-719-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000         |
| ●       | THT-12-719-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ▲       | THT-99-719-10   | Polyimide | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000         |
| ●       | THT-14-719-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ▲       | THT-47-719-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000         |
| ●       | THT-1-719-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-46-719-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000         |
| ●       | THT-2-719-10    | Polyimide | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-49-719-10   | Polyimide | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000         |
| ▲       | THT-42-719-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-103-719-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000         |
| ●       | THT-3-719-10    | Polyimide | White  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-58-719-10   | Polyimide | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000         |
| ●       | THT-5-719-10    | Polyimide | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-719-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ▲       | THT-43-719-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |
| ●       | THT-29-719-10   | Polyimide | White  | 31.75              | 9.53                | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R6000         |
| ▲       | THT-60-719-10   | Polyimide | White  | 38.10              | 3.18                | —                        | 5.72                   | 43.18            | 1              | 10000              | R6000         |
| ▲       | THT-45-719-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ▲       | THT-48-719-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000         |

\*2 rolls of 5000 labels



## DID YOU KNOW?

Brady teamed up with ZESTRON, Kyzen and market leaders in high precision cleaning process solutions, to conduct extensive chemical compatibility testing on Brady's line of polyimide labels, which are commonly used as printed circuit board (PCB) identification labels.

According to the test results, all Brady polyimide labels submitted can successfully withstand ZESTRON and Kyzen's latest cleaning chemicals – these test results are critically important to circuit board manufacturers, as they ensure that Brady polyimide labels will stay adhered and legible throughout the whole circuit board production process including in-line aqueous cleaning systems.

To view the complete test results, visit [www.bradyeurope.com](http://www.bradyeurope.com)





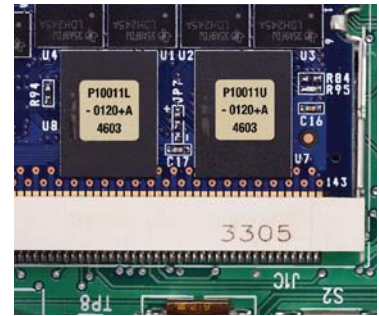
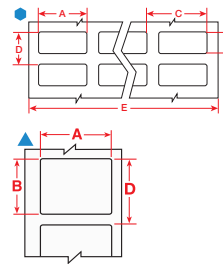
## B-724 POLYIMIDE MATERIAL

Colour: Amber

Finish: Matt

Amber polyimide material with matt finish an ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-724-10   | Polyimide | Amber  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R4300         |
| ●       | THT-12-724-10   | Polyimide | Amber  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300         |
| ●       | THT-14-724-10   | Polyimide | Amber  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300         |
| ●       | THT-1-724-10    | Polyimide | Amber  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |
| ▲       | THT-46-724-10   | Polyimide | Amber  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R4300         |
| ●       | THT-2-724-10    | Polyimide | Amber  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-51-724-10   | Polyimide | Amber  | 25.40              | 6.35                | 27.31                    | 9.53                   | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-3-724-10    | Polyimide | Amber  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-5-724-10    | Polyimide | Amber  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ●       | THT-28-724-10   | Polyimide | Amber  | 38.10              | 3.18                | 41.91                    | 6.35                   | 85.09            | 2              | 10000              | R4300         |
| ●       | THT-4-724-10    | Polyimide | Amber  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R4300         |
| ▲       | THT-45-724-10   | Polyimide | Amber  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R4300         |
| ▲       | THT-16-724-2.5  | Polyimide | Amber  | 76.20              | 6.35                | —                        | 9.53                   | 81.28            | 1              | 2500               | R4300         |



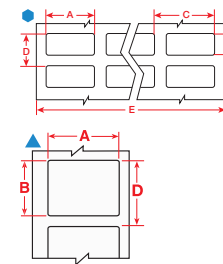
## B-727 POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-727-10   | Polyimide | White  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000         |
| ●       | THT-70-727-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000         |
| ●       | THT-71-727-20   | Polyimide | White  | 8.00               | 8.00                | 9.53                     | 10.54                  | 60.71            | 6              | 20000              | R6000         |
| ●       | THT-38-727-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000         |
| ●       | THT-12-727-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ●       | THT-14-727-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ▲       | THT-47-727-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000         |
| ●       | THT-1-727-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-46-727-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000         |
| ●       | THT-2-727-10    | Polyimide | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-49-727-10   | Polyimide | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000         |
| ▲       | THT-42-727-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-103-727-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-58-727-10   | Polyimide | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-59-727-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ▲       | THT-43-727-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |
| ●       | THT-13-727-10   | Polyimide | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000         |
| ▲       | THT-44-727-10   | Polyimide | White  | 34.93              | 6.35                | —                        | 8.89                   | 40.64            | 1              | 10000              | R6000         |
| ▲       | THT-60-727-10   | Polyimide | White  | 38.10              | 3.18                | —                        | 5.72                   | 43.18            | 1              | 10000              | R6000         |
| ▲       | THT-45-727-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ●       | THT-4-727-10    | Polyimide | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-48-727-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000         |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



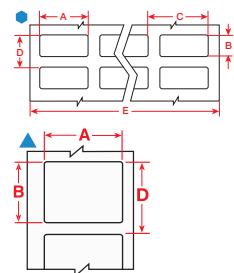
## B-728 POLYIMIDE MATERIAL

Colour: White

Finish: Matt

White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-99-728-10   | Polyimide | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000         |
| ●       | THT-14-728-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ●       | THT-1-728-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-46-728-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000         |
| ▲       | THT-103-728-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-59-728-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000         |
| ▲       | THT-43-728-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000         |

\*2 rolls of 5000 labels



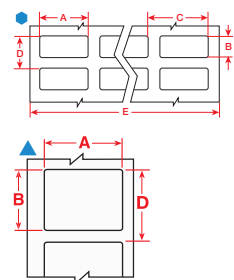
## B-729 POLYIMIDE MATERIAL

Colour: White

Finish: Satin

White polyimide material, low profile (1 mil thickness), with satin finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-104-729-20  | Polyimide | White  | 8.00               | 4.50                | 9.53                     | 7.92                   | 60.71            | 6              | 20000              | R6000         |
| ●       | THT-1-729-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ▲       | THT-103-729-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000         |
| ▲       | THT-45-729-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000         |
| ▲       | THT-48-729-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000         |
| ▲       | THT-16-729-2.5  | Polyimide | White  | 76.20              | 6.35                | —                        | 9.53                   | 81.28            | 1              | 2500               | R6000         |



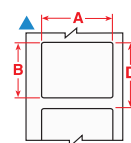
## B-7423 POLYESTER MATERIAL

Colour: White

Finish: Satin

White polyester thermal transfer printable material, similar to B-8423, but specifically designed for auto apply application.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-208-7423-5  | Polyester | White  | 5.00               | 5.00                | 7.98                   | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-209-7423-10 | Polyester | White  | 6.35               | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-210-7423-5  | Polyester | White  | 9.53               | 9.53                | 12.70                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-211-7423-5  | Polyester | White  | 12.70              | 12.70               | 15.88                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-212-7423-5  | Polyester | White  | 19.05              | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R7961         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



## TAMPER-EVIDENCE MATERIALS

**High quality labels to protect against counterfeiting, diversion and tampering.**

Brady offers an assortment of standard and custom engineered tamper-evidence labels to meet your particular product protection needs. These tamper seals and tamper-evidence labels provide irreversible, visible evidence of tampering to protect against warranty fraud, product tampering, alteration, and misuse or asset theft.

Tamper-evidence labels can protect your product's unique model and serial number, and help reduce the chance of liability issues due to unauthorised service or misuse.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

All tamper-evidence parts shown on the following pages are compatible with the following printers unless otherwise stated.



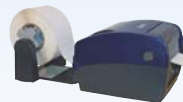
**BradyPrinter™ PR Plus Printers**

see page 92



**Brady IP™ Printer**

see page 90



**BBP™11 Label Printer**

see page 68

76.20 mm Core Label Rolls are compatible when used with Media Holder accessory.

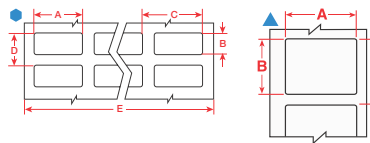


## B-352 DESTRUCTIBLE VINYL MATERIAL

Colour: Silver

Finish: Matt

Metallised vinyl material with matt finish. Tamper-evident material fractures to show signs of product tampering and prevent one-piece removal.



Performance Attributes:



| Diagram | Order Reference | Material                          | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-352-10    | Tamper-resistant Metallised Vinyl | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-37-352-10   | Tamper-resistant Metallised Vinyl | Silver | 38.10              | 12.70               | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-352-10    | Tamper-resistant Metallised Vinyl | Silver | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-53-352-3    | Tamper-resistant Metallised Vinyl | Silver | 50.80              | 12.70               | —                        | 15.24                  | 55.80            | 1              | 3000               | R6000         |
| ▲       | THT-17-352-3    | Tamper-resistant Metallised Vinyl | Silver | 50.80              | 25.40               | —                        | 28.58                  | 53.98            | 1              | 3000               | R6000         |
| ▲       | THT-7-352-3     | Tamper-resistant Metallised Vinyl | Silver | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ▲       | THT-18-352-3    | Tamper-resistant Metallised Vinyl | Silver | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000         |
| ▲       | THT-19-352-1    | Tamper-resistant Metallised Vinyl | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |



## DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue, including:

- Size
- Labels per row or roll
- Pre-printed messaging
- Logos or other images
- Colours (spot or CMYK)

Contact your Brady distributor for more information and to order your custom labels.





# Tamper-evidence Materials

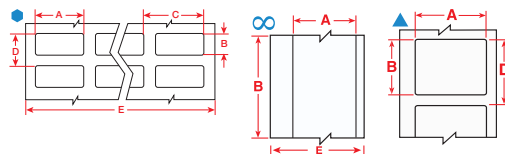


## B-438 CHECKERBOARD FOOTPRINT POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Metallised polyester material with matt finish. Leaves a checkerboard footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Label Length C (mm) | Horizontal Repeat D (mm) | Vertical Repeat E (mm) | Web Width F (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------|--------|--------------------|---------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-438-10   | Tamper-evident Metallised Polyester | Silver | 12.70              | 11.10               | —                   | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300         |
| ●       | THT-14-438-10   | Tamper-evident Metallised Polyester | Silver | 16.51              | 5.08                | —                   | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300         |
| ●       | THT-1-438-10    | Tamper-evident Metallised Polyester | Silver | 19.05              | 6.35                | —                   | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |
| ●       | THT-5-438-10    | Tamper-evident Metallised Polyester | Silver | 25.40              | 12.70               | —                   | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
| ▲       | THT-17-438-3    | Tamper-evident Metallised Polyester | Silver | 50.80              | 25.40               | —                   | —                        | 28.58                  | 53.98            | 1              | 3000               | R4300         |
| ∞       | THT-21-438      | Tamper-evident Metallised Polyester | Silver | 76.20              | —                   | 91.44 m             | —                        | —                      | 81.28            | 1              | 1                  | R4300         |
| ▲       | THT-18-438-3    | Tamper-evident Metallised Polyester | Silver | 76.20              | 25.40               | —                   | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300         |
| ▲       | THT-19-438-1    | Tamper-evident Metallised Polyester | Silver | 76.20              | 50.80               | —                   | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300         |

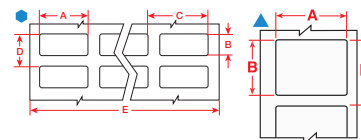


## B-7351 DESTRUCTIBLE VINYL MATERIAL

Colour: White

Finish: Matt

White vinyl material with matt finish. Tamper-resistant material fractures to show signs of product tampering and prevent one-piece removal.



Performance Attributes:



| Diagram | Order Reference | Material               | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-7351-10  | Tamper-resistant Vinyl | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000         |
| ●       | THT-14-7351-10  | Tamper-resistant Vinyl | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000         |
| ●       | THT-1-7351-10   | Tamper-resistant Vinyl | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000         |
| ●       | THT-5-7351-10   | Tamper-resistant Vinyl | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-4-7351-10   | Tamper-resistant Vinyl | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-15-7351-2.5 | Tamper-resistant Vinyl | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000         |
| ▲       | THT-17-7351-3   | Tamper-resistant Vinyl | White  | 50.80              | 25.40               | —                        | 28.58                  | 53.98            | 1              | 3000               | R6000         |

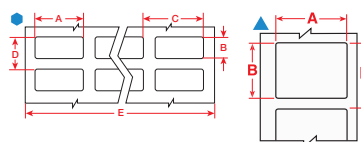


## B-7546 VOID FOOTPRINT POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester material with glossy finish. Leaves a "VOID" footprint on the surface. The adhesive does not allow for repositioning to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                 | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-7546-10   | Tamper-evident Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-7546-10  | Tamper-evident Polyester | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.50            | 1              | 10000*             | R6000         |
| ●       | THT-37-7546-10  | Tamper-evident Polyester | White  | 38.10              | 12.70               | 41.90                    | 15.24                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-7546-10   | Tamper-evident Polyester | White  | 38.10              | 19.05               | 41.90                    | 22.20                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-53-7546-3   | Tamper-evident Polyester | White  | 50.80              | 12.70               | —                        | 15.24                  | 55.90            | 1              | 3000               | R6000         |
| ▲       | THT-17-7546-3   | Tamper-evident Polyester | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000         |
| ▲       | THT-7-7546-3    | Tamper-evident Polyester | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ▲       | THT-18-7546-3   | Tamper-evident Polyester | White  | 76.20              | 25.40               | —                        | 28.60                  | 81.30            | 1              | 3000               | R6000         |
| ▲       | THT-19-7546-1   | Tamper-evident Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



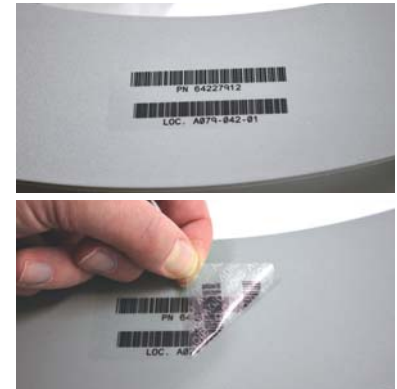
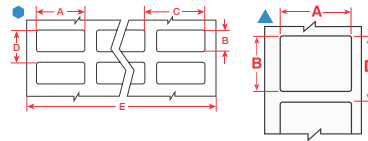


## B-7566 VOID FOOTPRINT POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Clear polyester material with glossy finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                 | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-149-7566-10 | Tamper-evident Polyester | Clear  | 12.70              | 12.70               | 15.24                    | 15.90                  | 63.50            | 4              | 10000              | R6000         |
| ●       | THT-39-7566-10  | Tamper-evident Polyester | Clear  | 25.40              | 12.70               | 27.31                    | 15.90                  | 85.09            | 3              | 10000              | R6000         |
| ●       | THT-147-7566-10 | Tamper-evident Polyester | Clear  | 38.10              | 9.53                | 41.90                    | 12.70                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-17-7566-3   | Tamper-evident Polyester | Clear  | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000         |
| ▲       | THT-7-7566-3    | Tamper-evident Polyester | Clear  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ▲       | THT-18-7566-3   | Tamper-evident Polyester | Clear  | 76.20              | 25.40               | —                        | 28.60                  | 81.30            | 1              | 3000               | R6000         |

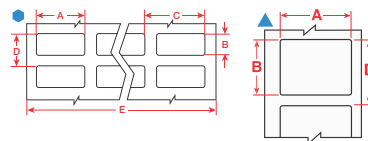


## B-7576 VOID FOOTPRINT POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Metallised polyester material with matt finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                 | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-7576-10   | Tamper-evident Polyester | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000         |
| ▲       | THT-59-7576-10  | Tamper-evident Polyester | Silver | 25.40              | 12.70               | —                        | 15.24                  | 30.50            | 1              | 10000*             | R6000         |
| ●       | THT-37-7576-10  | Tamper-evident Polyester | Silver | 38.10              | 12.70               | 41.90                    | 41.90                  | 85.09            | 2              | 10000              | R6000         |
| ●       | THT-6-7576-10   | Tamper-evident Polyester | Silver | 38.10              | 19.05               | 41.90                    | 22.20                  | 85.09            | 2              | 10000              | R6000         |
| ▲       | THT-53-7576-3   | Tamper-evident Polyester | Silver | 50.80              | 12.70               | —                        | 15.24                  | 55.90            | 1              | 3000               | R6000         |
| ▲       | THT-17-7576-3   | Tamper-evident Polyester | Silver | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000         |
| ▲       | THT-7-7576-3    | Tamper-evident Polyester | Silver | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000         |
| ▲       | THT-18-7576-3   | Tamper-evident Polyester | Silver | 76.20              | 25.40               | —                        | 28.60                  | 81.30            | 1              | 3000               | R6000         |
| ▲       | THT-19-7576-1   | Tamper-evident Polyester | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000         |

\*2 rolls of 5000 labels



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

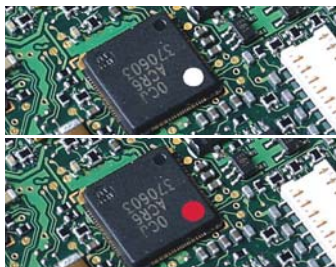
Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information



# Temperature & Water-Indicating Materials



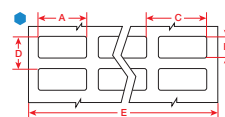
## B-350 WATER-INDICATING MATERIAL

Colour: White

Finish: Gloss

Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting.

Performance Attributes:



| Diagram | Order Reference | Material                                  | Colour | Label Width A (mm) | Label Height B (mm) | Diameter C (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------------|--------|--------------------|---------------------|-----------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| —       | WIL-1-350-5*    | Water-indicating Polyester/Paper Laminate | White  | —                  | —                   | 4.10            | —                        | —                      | 50.80            | —              | 5000               | —             |
| —       | WIL-1-350-20*   | Water-indicating Polyester/Paper Laminate | White  | —                  | —                   | 4.10            | —                        | —                      | 50.80            | —              | 20000              | —             |
| ●       | THT-70-350-20   | Water-indicating Polyester/Paper Laminate | White  | 6.35               | 6.35                | —               | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R4900         |

\*These labels are not printable



## B-7511 TEMPERATURE-INDICATING MATERIAL

Colour: White on Blue

Finish: Gloss

Irreversible, temperature-indicating polyester provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Temperature range covered is 37°C to 143°C.

Performance Attributes:



Type 1



Type 2



Type 3



Type 4

| Layout | Order Reference    | Legend                                   | Colour        | Width (mm) | Height (mm) | Diameter (mm) | Labels/ Card | Cards/ Pack | Labels/ Pack |
|--------|--------------------|------------------------------------------|---------------|------------|-------------|---------------|--------------|-------------|--------------|
| Type 1 | TIL-1-82C/180F     | 1-Level Maintenance, 82°C/180°F          | White on Blue | 20.00      | 20.00       | —             | 10           | 6           | 60           |
| Type 2 | TIL-1-60C/140F-DIA | 1-Level Single, 60°C/140°F               | Blue on White | —          | —           | 13.00         | 15           | 4           | 60           |
| Type 2 | TIL-1-71C/160F-DIA | 1-Level Single, 71°C/160°F               | Blue on White | —          | —           | 13.00         | 15           | 4           | 60           |
| Type 2 | TIL-1-82C/180F-DIA | 1-Level Single, 82°C/180°F               | Blue on White | —          | —           | 13.00         | 15           | 4           | 60           |
| Type 3 | TIL-4-82C/180F     | 4-Level Label, 82°C/180°F - 116°C/240°F  | White on Blue | 20.00      | 45.00       | —             | 5            | 6           | 30           |
| Type 4 | TIL-6-37C/100F     | 6-Level Label, 37°C/100°F - 54°C/130°F   | White on Blue | 56.00      | 20.00       | —             | 5            | 6           | 30           |
| Type 4 | TIL-6-60C/140F     | 6-Level Label, 60°C/140°F - 82°C/180°F   | White on Blue | 56.00      | 20.00       | —             | 5            | 6           | 30           |
| Type 4 | TIL-6-88C/190F     | 6-Level Label, 88°C/190°F - 110°C/230°F  | White on Blue | 56.00      | 20.00       | —             | 5            | 6           | 30           |
| Type 4 | TIL-6-116C/240F    | 6-Level Label, 116°C/240°F - 143°C/290°F | White on Blue | 56.00      | 20.00       | —             | 5            | 6           | 30           |



## B-7512 TEMPERATURE-INDICATING MATERIAL

Colour: White on Blue

Finish: Gloss

Irreversible, temperature-indicating polyethylene provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Available temperature ranges : 149°C - 177°C and 182°C - 210°C.

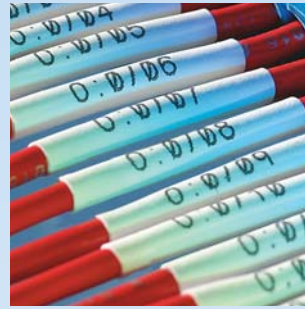
Performance Attributes:



Type 4

| Layout | Order Reference | Legend                                   | Colour        | Width (mm) | Height (mm) | Labels/Card | Cards/Pack | Labels/Pack |
|--------|-----------------|------------------------------------------|---------------|------------|-------------|-------------|------------|-------------|
| Type 4 | TIL-6-149C/300F | 6-Level Label, 149°C/300°F - 177°C/350°F | White on Blue | 56.00      | 20.00       | 5           | 6          | 30          |
| Type 4 | TIL-6-182C/360F | 6-Level Label, 180°C/360°F - 210°C/410°F | White on Blue | 56.00      | 20.00       | 5           | 6          | 30          |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



## WIRE & CABLE AND VOICE & DATACOM IDENTIFICATION MATERIALS

**Identify critical components and mark wires and cables for quick identification in your facility or data centre.**

Brady offers a wide range of identification solutions for marking wires and cables including wire labels, heat-shrinkable sleeves, tags, and more.

Brady's wire and cable identification products are lab and field tested. They are proven to withstand harsh environments including extreme temperatures, liquids, chemical exposure, abrasion and more.

The Wire and Cable markers are extremely durable featuring an ultra resistant top coat formulation and ultra aggressive adhesive.

Brady also offers a wide range of materials to fit voice, data, and video applications. Together with Brady's portable and benchtop printers and label design software, these labels provide identification solutions for cables, closet hardware, racks, panels, workstations and more.

Wire and cable marking solutions are available in a variety of sizes and colours to ensure that your wires and cables are marked with clear, legible identification. With thermal transfer printing systems, label design software and a full line of wire and cable identification, Brady offers the complete solution to meet your needs.

## Printer Compatibility

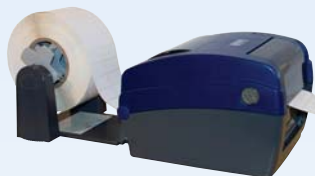
All wire & cable identification parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter™ PR Plus Printers**  
see page 92



**Brady IP™ Printer**  
see page 90

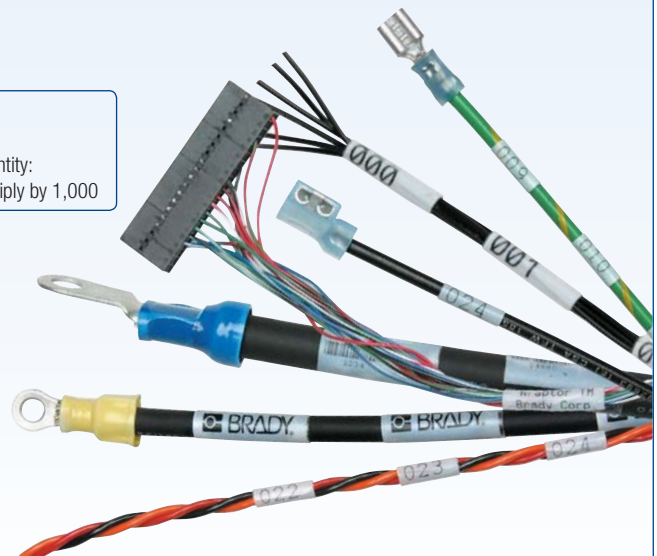


**BBP™11 Label Printer**  
see page 68  
76.20 mm Core Label Rolls are compatible when used with Media Holder accessory.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |







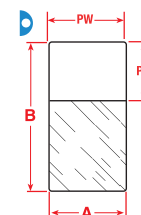
## B-427 SELF-LAMINATING VINYL MATERIAL

Colour: White/Transparent

Finish: Matt

Thermal transfer printable, self-laminating material. These labels have a white printable area with a clear “tail” that wraps around the marker. The “tail” serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

Performance Attributes:



| Diagram                                                      | Order Reference  | Material              | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Height (mm) | Horizontal Repeat (mm) | Vertical Repeat (mm) | Web Width (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------|------------------|-----------------------|--------------------|--------------------|---------------------|----------------------------|------------------------|----------------------|----------------|-------------------------|-------------------------|----------------|--------------------|---------------|
|                                                              | THT-80-427-5     | Self-laminating Vinyl | White/Transparent  | 12.70              | 19.05               | 9.53                       | 15.24                  | 24.13                | 63.50          | 2.00                    | 3.00                    | 4              | 5000               | R4300         |
|                                                              | THT-61-427-5*    | Self-laminating Vinyl | White/Transparent  | 12.70              | 36.50               | 12.70                      | —                      | 17.45                | 41.58          | 3.90                    | 7.60                    | 1              | 5000               | R4300         |
|                                                              | THT-8-427-10     | Self-laminating Vinyl | White/Transparent  | 12.70              | 36.50               | 12.70                      | 16.81                  | 41.28                | 85.09          | 3.90                    | 7.60                    | 5              | 10000              | R4300         |
|                                                              | THT-127-427-3*   | Self-laminating Vinyl | White/Transparent  | 12.70              | 55.88               | 19.05                      | —                      | 15.88                | 60.96          | 5.90                    | 11.70                   | 1              | 3000               | R4300         |
|                                                              | THT-56-427-10    | Self-laminating Vinyl | White/Transparent  | 19.05              | 23.81               | 9.53                       | 20.32                  | 28.58                | 85.09          | 2.50                    | 4.50                    | 4              | 10000              | R4300         |
|                                                              | THT-62-427-3.5*  | Self-laminating Vinyl | White/Transparent  | 19.05              | 44.45               | 12.70                      | —                      | 23.80                | 49.53          | 4.70                    | 10.10                   | 1              | 3500               | R4300         |
|                                                              | THT-73-427-10    | Self-laminating Vinyl | White/Transparent  | 19.05              | 44.45               | 12.70                      | 20.32                  | 47.63                | 85.09          | 4.70                    | 10.10                   | 4              | 10000              | R4300         |
|                                                              | THT-63-427-3.5*  | Self-laminating Vinyl | White/Transparent  | 20.32              | 36.50               | 12.70                      | —                      | 25.07                | 41.58          | 3.90                    | 7.60                    | 1              | 3500               | R4300         |
|                                                              | THT-74-427-10    | Self-laminating Vinyl | White/Transparent  | 20.32              | 36.50               | 12.70                      | 20.32                  | 41.28                | 85.09          | 3.90                    | 7.60                    | 4              | 10000              | R4300         |
|                                                              | THT-116-427-5    | Self-laminating Vinyl | White/Transparent  | 25.40              | 25.40               | 9.53                       | 27.94                  | 28.58                | 58.42          | 2.70                    | 5.10                    | 2              | 5000               | R4300         |
|                                                              | THT-9-427-10     | Self-laminating Vinyl | White/Transparent  | 25.40              | 36.50               | 12.70                      | 27.31                  | 41.28                | 85.09          | 3.90                    | 7.60                    | 3              | 5000               | R4300         |
|                                                              | THT-9-427-10-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 36.50               | 12.70                      | 27.31                  | 41.28                | 85.09          | 3.90                    | 7.60                    | 3              | 5000               | R4300         |
|                                                              | THT-64-427-3*    | Self-laminating Vinyl | White/Transparent  | 25.40              | 57.15               | 19.05                      | —                      | 30.15                | 62.23          | 6.10                    | 12.10                   | 1              | 3000               | R4300         |
|                                                              | THT-64-427-3-YL* | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 57.15               | 19.05                      | —                      | 30.15                | 62.23          | 6.10                    | 12.10                   | 1              | 3000               | R4300         |
|                                                              | THT-75-427-3     | Self-laminating Vinyl | White/Transparent  | 25.40              | 57.15               | 19.05                      | 27.94                  | 60.33                | 58.42          | 6.10                    | 12.10                   | 2              | 3000               | R4300         |
|                                                              | THT-75-427-3-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 57.15               | 19.05                      | 27.94                  | 60.33                | 58.42          | 6.10                    | 12.10                   | 2              | 3000               | R4300         |
|                                                              | THT-131-427-3*   | Self-laminating Vinyl | White/Transparent  | 25.40              | 66.68               | 25.40                      | —                      | 28.58                | 71.75          | 7.10                    | 13.10                   | 1              | 3000               | R4300         |
|                                                              | THT-10-427-3     | Self-laminating Vinyl | White/Transparent  | 25.40              | 95.25               | 25.40                      | 27.31                  | 101.60               | 85.09          | 10.10                   | 22.20                   | 3              | 3000               | R4300         |
|                                                              | THT-10-427-3-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 95.25               | 25.40                      | 27.31                  | 101.60               | 85.09          | 10.10                   | 22.20                   | 3              | 3000               | R4300         |
|                                                              | THT-65-427-3*    | Self-laminating Vinyl | White/Transparent  | 25.40              | 95.25               | 25.40                      | —                      | 30.15                | 100.33         | 10.10                   | 22.20                   | 1              | 3000               | R4300         |
|                                                              | THT-65-427-3-YL* | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 95.25               | 25.40                      | —                      | 30.15                | 100.33         | 10.10                   | 22.20                   | 1              | 3000               | R4300         |
|                                                              | THT-81-427-1     | Self-laminating Vinyl | White/Transparent  | 25.40              | 152.40              | 38.10                      | 27.94                  | 157.15               | 55.88          | 16.20                   | 36.40                   | 2              | 1000               | R4300         |
|                                                              | THT-119-427-2.5  | Self-laminating Vinyl | White/Transparent  | 38.10              | 38.10               | 12.70                      | —                      | 41.28                | 43.18          | 4.00                    | 8.10                    | 1              | 2500               | R4300         |
|                                                              | THT-66-427-1.5*  | Self-laminating Vinyl | White/Transparent  | 48.26              | 80.95               | 19.05                      | —                      | 54.61                | 86.03          | 8.60                    | 19.70                   | 1              | 1500               | R4300         |
|                                                              | THT-67-427-1.5*  | Self-laminating Vinyl | White/Transparent  | 50.80              | 57.15               | 19.05                      | —                      | 55.55                | 62.23          | 6.10                    | 12.10                   | 1              | 1500               | R4300         |
|                                                              | THT-27-427-1     | Self-laminating Vinyl | White/Transparent  | 50.80              | 95.25               | 25.40                      | —                      | 101.60               | 55.88          | 10.10                   | 22.20                   | 1              | 1000               | R4300         |
|                                                              | THT-82-427-0.5   | Self-laminating Vinyl | White/Transparent  | 50.80              | 152.40              | 38.10                      | —                      | 158.80               | 55.90          | 16.20                   | 36.40                   | 1              | 1000               | R4300         |
|                                                              | THT-85-427-2*    | Self-laminating Vinyl | White/Transparent  | 50.80              | 152.40              | 38.10                      | —                      | 55.88                | 157.48         | 16.20                   | 36.40                   | 1              | 2000               | R4300         |
|                                                              | THT-83-427-0.5   | Self-laminating Vinyl | White/Transparent  | 50.80              | 177.80              | 38.10                      | —                      | 182.55               | 55.88          | 18.90                   | 44.50                   | 1              | 500                | R4300         |
|                                                              | THT-86-427-2*    | Self-laminating Vinyl | White/Transparent  | 50.80              | 177.80              | 38.10                      | —                      | 55.88                | 182.88         | 18.90                   | 44.50                   | 1              | 2000               | R4300         |
|                                                              | THT-26-427-1     | Self-laminating Vinyl | White/Transparent  | 63.50              | 57.15               | 19.05                      | —                      | 61.93                | 68.58          | 6.10                    | 12.10                   | 1              | 1000               | R4300         |
| Following part numbers are supplied on a 25 mm diameter core |                  |                       |                    |                    |                     |                            |                        |                      |                |                         |                         |                |                    |               |
|                                                              | BPT-305-427      | Self-laminating Vinyl | White/Transparent  | 12.70              | 31.75               | 12.70                      | 15.00                  | 38.25                | 108.00         | 3.40                    | 6.10                    | 7              | 7000               | R7950         |
|                                                              | BPT-211-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 25.40               | 9.53                       | 29.50                  | 31.90                | 108.00         | 2.70                    | 5.10                    | 3              | 3000               | R7950         |
|                                                              | BPT-311-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 31.75               | 12.70                      | 28.50                  | 37.75                | 108.00         | 3.40                    | 6.10                    | 3              | 3000               | R7950         |
|                                                              | BPT-511-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 63.50               | 19.05                      | 33.50                  | 70.00                | 108.00         | 6.70                    | 14.20                   | 3              | 3000               | R7950         |
|                                                              | BPT-517-427      | Self-laminating Vinyl | White/Transparent  | 38.10              | 63.50               | 19.05                      | 49.00                  | 69.50                | 108.00         | 6.70                    | 14.20                   | 2              | 2000               | R7950         |

\*Label is rotated 90° on liner.



### FINDING THE CORRECT LABEL HEIGHT FOR YOUR SELF-LAMINATING LABELS

If you know your wire diameter or wire circumference, you can easily determine the recommended minimum and maximum label height by using the formulas below.

#### Step 1

Wire Diameter x 3.14 (pi) = Wire Circumference

#### Step 2

Wire Circumference + printable area height (allowing clear area to cover the printable area completely at least once) = Minimum Recommended Label Height

#### Step 3

Wire Circumference x 3 (allowing for label to wrap 3 times around wire) = Maximum Recommended Label Height





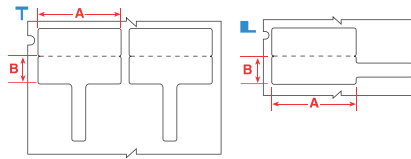


## B-425 POLYPROPYLENE MATERIAL

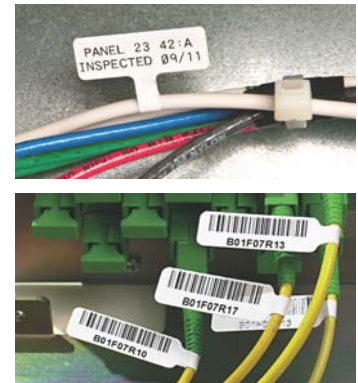
Colour: White

Finish: Matt

White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.



Performance Attributes:



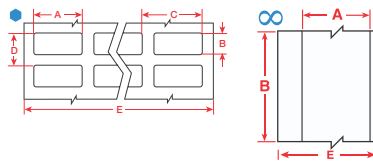
| Diagram | Order Reference | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTFP-01-425    | Polypropylene | White  | 30.00              | 10.00               | —                        | 26.03                  | 56.00            | 1              | 2500               | R4300         |
|         | THTFT-01-425    | Polypropylene | White  | 30.00              | 10.00               | 33.00                    | 46.04                  | 69.00            | 2              | 2500               | R4300         |

## B-437 POLYVINYLFLUORIDE MATERIAL

Colour: White, Yellow

Finish: Matt

White or yellow polyvinylfluoride label material with matt finish. Used in wire and cable identification applications where self-extinguishing features are required. This label material utilises an adhesive for heavy-duty applications and is available in continuous or die-cut formats. Excellent resistance to water, oil and other common fluids.



| Diagram | Order Reference  | Material          | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|-------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-1-437W-10    | Polyvinylfluoride | White  | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300         |
|         | THT-2-437-10     | Polyvinylfluoride | White  | 22.86              | 6.35                | —                  | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300         |
|         | THT-5-437-10     | Polyvinylfluoride | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
|         | THT-5-437-10-YL  | Polyvinylfluoride | Yellow | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300         |
|         | THT-29-437-10    | Polyvinylfluoride | White  | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R4300         |
|         | THT-29-437-10-YL | Polyvinylfluoride | Yellow | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R4300         |
|         | THT-21-437       | Polyvinylfluoride | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300         |
|         | THT-21-437-YL    | Polyvinylfluoride | Yellow | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300         |



### DID YOU KNOW? - TECHNICAL DATA SHEETS

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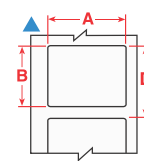
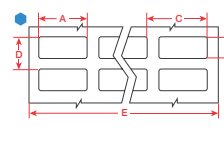
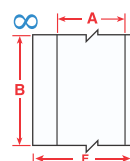


## B-498 REPOSITIONABLE VINYL CLOTH MATERIAL

Colour: White

Finish: Semi-gloss

White vinyl cloth label material with semi-gloss finish. The adhesive and cloth backing give excellent holding power, while being repositionable and cleanly removable.



Performance Attributes:



| Diagram                                                                                                                                                        | Order Reference    | Material    | Colour | Label Width A (mm) | Label Height B (mm) | Tape Length (m) | Horizontal Repeat (mm) | Vertical Repeat (mm) | Web Width (mm) | Labels per Row | Labels per Package | Ribbon Series |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------|--------------------|---------------------|-----------------|------------------------|----------------------|----------------|----------------|--------------------|---------------|
| ∞                                                                                                                                                              | THT-94-498         | Vinyl Cloth | White  | 6.10               | —                   | 50.29 m         | —                      | —                    | 25.40          | 1              | 1                  | R4300         |
| ●                                                                                                                                                              | THT-90-498-5       | Vinyl Cloth | White  | 6.35               | 36.50               | —               | 8.89                   | 39.68                | 55.88          | 6              | 5000               | R4300         |
| ∞                                                                                                                                                              | THT-93-498         | Vinyl Cloth | White  | 8.00               | —                   | 50.29 m         | —                      | —                    | 25.40          | 1              | 1                  | R4300         |
| ∞                                                                                                                                                              | THT-92-498         | Vinyl Cloth | White  | 9.53               | —                   | 50.29 m         | —                      | —                    | 25.40          | 1              | 1                  | R4300         |
| ●                                                                                                                                                              | THT-68-498-10      | Vinyl Cloth | White  | 12.70              | 19.05               | —               | 15.24                  | 21.59                | 63.50          | 4              | 10000              | R4300         |
| ●                                                                                                                                                              | THT-87-498-5       | Vinyl Cloth | White  | 12.70              | 36.50               | —               | 15.24                  | 39.68                | 93.98          | 6              | 5000               | R4300         |
| ●                                                                                                                                                              | THT-14-498-10      | Vinyl Cloth | White  | 16.51              | 5.08                | —               | 17.78                  | 7.62                 | 74.93          | 4              | 10000              | R4300         |
| ●                                                                                                                                                              | THT-1-498-10       | Vinyl Cloth | White  | 19.05              | 6.35                | —               | 20.32                  | 8.89                 | 85.09          | 4              | 10000              | R4300         |
| ▲                                                                                                                                                              | THT-252-498-3      | Vinyl Cloth | White  | 19.05              | 6.35                | —               | —                      | 8.89                 | 25.40          | 1              | 3000               | R4300         |
| ▲                                                                                                                                                              | THT-254-498-3      | Vinyl Cloth | White  | 19.05              | 19.05               | —               | —                      | 21.59                | 25.40          | 1              | 3000               | R4300         |
| ●                                                                                                                                                              | THT-91-498-5       | Vinyl Cloth | White  | 19.05              | 23.80               | —               | 22.23                  | 26.98                | 88.90          | 4              | 5000               | R4300         |
| ●                                                                                                                                                              | THT-95-498-5       | Vinyl Cloth | White  | 20.32              | 36.50               | —               | 22.86                  | 39.68                | 71.12          | 3              | 5000               | R4300         |
| ▲                                                                                                                                                              | THT-253-498-3      | Vinyl Cloth | White  | 25.40              | 4.80                | —               | —                      | 7.31                 | 30.48          | 1              | 3000               | R4300         |
| ●                                                                                                                                                              | THT-5-498-10       | Vinyl Cloth | White  | 25.40              | 12.70               | —               | 27.31                  | 15.24                | 85.09          | 3              | 10000              | R4300         |
| ▲                                                                                                                                                              | THT-59-498-10      | Vinyl Cloth | White  | 25.40              | 12.70               | —               | —                      | 15.24                | 30.48          | 1              | 10000*             | R4300         |
| ●                                                                                                                                                              | THT-88-498-5       | Vinyl Cloth | White  | 25.40              | 19.05               | —               | 27.94                  | 22.23                | 58.42          | 2              | 5000               | R4300         |
| ●                                                                                                                                                              | THT-89-498-5       | Vinyl Cloth | White  | 25.40              | 36.50               | —               | 27.94                  | 39.68                | 86.36          | 3              | 5000               | R4300         |
| ▲                                                                                                                                                              | THT-199-498-3      | Vinyl Cloth | White  | 26.67              | 6.35                | —               | —                      | 8.89                 | 31.75          | 1              | 3000               | R4300         |
| ▲                                                                                                                                                              | THT-17-498-3       | Vinyl Cloth | White  | 50.80              | 25.40               | —               | —                      | 28.58                | 55.88          | 1              | 3000               | R4300         |
| Following part numbers are supplied on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                    |             |        |                    |                     |                 |                        |                      |                |                |                    |               |
| ●                                                                                                                                                              | BPT-611-498        | Vinyl Cloth | White  | 12.70              | 25.40               | —               | 15.70                  | 28.40                | 50.10          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                              | THT-252-498-3-SC   | Vinyl Cloth | White  | 19.05              | 6.35                | —               | —                      | 8.89                 | 25.40          | 1              | 3000               | R7950         |
| ▲                                                                                                                                                              | THT-254-498-1.5-SC | Vinyl Cloth | White  | 19.05              | 19.05               | —               | —                      | 21.59                | 25.40          | 1              | 1500               | R7950         |
| ▲                                                                                                                                                              | THT-253-498-3-SC   | Vinyl Cloth | White  | 25.40              | 4.80                | —               | —                      | 7.31                 | 30.48          | 1              | 3000               | R7950         |
| ▲                                                                                                                                                              | BPT-659-498        | Vinyl Cloth | White  | 25.40              | 12.40               | —               | —                      | 15.40                | 30.48          | 1              | 1000               | R7950         |
| ▲                                                                                                                                                              | THT-59-498-2.5-SC  | Vinyl Cloth | White  | 25.40              | 12.70               | —               | —                      | 15.24                | 30.48          | 1              | 2500               | R7950         |
| ●                                                                                                                                                              | BPT-621-498        | Vinyl Cloth | White  | 25.40              | 36.50               | —               | 28.40                  | 39.50                | 88.20          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                              | THT-199-498-3-SC   | Vinyl Cloth | White  | 26.67              | 6.35                | —               | —                      | 8.89                 | 31.75          | 1              | 3000               | R7950         |
| ▲                                                                                                                                                              | THT-17-498-1.5-SC  | Vinyl Cloth | White  | 50.80              | 25.40               | —               | —                      | 28.58                | 55.88          | 1              | 1500               | R7950         |

\*2 rolls of 5000 labels



### DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue. Contact your Brady distributor for more information and to order your custom labels.



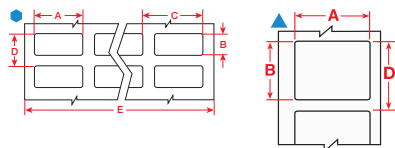
## B-499 NYLON CLOTH MATERIAL

Colour: White

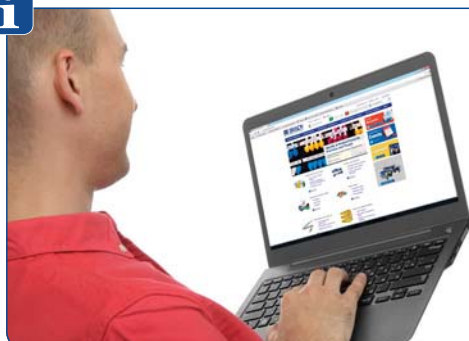
Finish: Matt

White nylon cloth material with matt finish. The adhesive allows labelling in environments with heat, cold, oil and dirt.

Performance Attributes:



| Diagram                                                                                                                                                        | Order Reference    | Material    | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat (mm) | Vertical Repeat (mm) | Web Width (mm) | Labels per Row | Labels per Package | Ribbon Series |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------|--------------------|---------------------|------------------------|----------------------|----------------|----------------|--------------------|---------------|
| ●                                                                                                                                                              | THT-68-499-10      | Nylon Cloth | White  | 12.70              | 19.05               | 15.24                  | 21.59                | 63.50          | 4              | 10000              | R4900         |
| ●                                                                                                                                                              | THT-69-499-3       | Nylon Cloth | White  | 20.32              | 36.50               | 22.86                  | 39.12                | 48.26          | 2              | 3000               | R4900         |
| ▲                                                                                                                                                              | THT-125-499-3      | Nylon Cloth | White  | 22.86              | 12.70               | —                      | 15.24                | 27.94          | 1              | 3000               | R4900         |
| ●                                                                                                                                                              | THT-152-499-3      | Nylon Cloth | White  | 25.40              | 9.53                | 27.94                  | 12.07                | 58.42          | 2              | 3000               | R4900         |
| ▲                                                                                                                                                              | THT-136-499-3      | Nylon Cloth | White  | 38.10              | 19.05               | —                      | 22.23                | 43.18          | 1              | 3000               | R4900         |
| ▲                                                                                                                                                              | THT-151-499-3      | Nylon Cloth | White  | 50.80              | 6.35                | —                      | 8.89                 | 55.88          | 1              | 3000               | R4900         |
| ▲                                                                                                                                                              | THT-137-499-3      | Nylon Cloth | White  | 50.80              | 25.40               | —                      | 28.58                | 55.88          | 1              | 3000               | R4900         |
| Following part numbers are supplied on a 25 mm diameter core and do not require the external media supply (order ref. BBP11-U) for use with the BBP11 Printer. |                    |             |        |                    |                     |                        |                      |                |                |                    |               |
| ●                                                                                                                                                              | BPT-611-499        | Nylon Cloth | White  | 12.70              | 25.40               | 15.70                  | 28.40                | 50.10          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                              | BPT-620-499        | Nylon Cloth | White  | 12.70              | 25.40               | —                      | 28.40                | 25.40          | 1              | 1000               | R7950         |
| ▲                                                                                                                                                              | THT-125-499-1.5-SC | Nylon Cloth | White  | 22.86              | 12.70               | —                      | 15.24                | 27.94          | 1              | 1500               | R7950         |
| ●                                                                                                                                                              | BPT-618-499        | Nylon Cloth | White  | 22.86              | 38.10               | 25.86                  | 41.10                | 50.10          | 3              | 3000               | R7950         |
| ●                                                                                                                                                              | THT-152-499-1.5-SC | Nylon Cloth | White  | 25.40              | 9.53                | 27.94                  | 12.07                | 58.42          | 2              | 1500               | R7950         |
| ▲                                                                                                                                                              | BPT-659-499        | Nylon Cloth | White  | 25.40              | 12.40               | —                      | 15.40                | 30.48          | 1              | 1000               | R7950         |
| ●                                                                                                                                                              | BPT-621-499        | Nylon Cloth | White  | 25.40              | 36.50               | 28.40                  | 39.50                | 88.20          | 3              | 3000               | R7950         |
| ●                                                                                                                                                              | BPT-625-499        | Nylon Cloth | White  | 25.40              | 66.68               | 28.40                  | 69.68                | 88.20          | 3              | 1500               | R7950         |
| ▲                                                                                                                                                              | THT-136-499-1.5-SC | Nylon Cloth | White  | 38.10              | 19.05               | —                      | 22.23                | 27.94          | 1              | 1500               | R7950         |
| ▲                                                                                                                                                              | THT-151-499-1.5-SC | Nylon Cloth | White  | 50.80              | 6.35                | —                      | 8.89                 | 55.88          | 1              | 1500               | R7950         |
| ▲                                                                                                                                                              | THT-137-499-1.5-SC | Nylon Cloth | White  | 50.80              | 25.40               | —                      | 28.58                | 53.34          | 1              | 1500               | R7950         |



### Did You Know?

Surfing **www.bradyeurope.com** is a simple, efficient and timesaving way to learn more about BRADY products and applications, industry developments, events, promotions, etc. anytime, anywhere.

For looking up technical data sheets, downloading upgrades to your Brady printers and software or fast registration of your Brady products, there's just one address:

**www.bradyeurope.com**

# Wire and Cable Materials



## WIRE & CABLE TAGS

Brady's printable wire and cable tags provide you with the ability to create clear, unambiguous cable identification tags for both indoor and outdoor applications. Cable ID tags can be attached to a wire, cable, or bundle using cable ties or lacing cord.

With Brady's variety of cable tags, you can identify data centre wires, audio visual cables, power and ground cables, cable harnesses, and more. Brady's tag materials offer excellent tear, solvent and heat resistance.



See page 137 for nylon wire and cable ties.



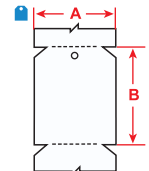
## B-109 POLYETHYLENE TAG MATERIAL

Color: White

Finish: Matt

White polyethylene tag material with matt finish. Excellent multi-purpose tag for identifying multi-conductor cables, inventory, safety warning repair and work-in-process manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.

Performance Attributes



| Diagram | Order Reference | Material         | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|------------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
|         | THT-33-109-0.5  | Polyethylene Tag | White  | 76.20                 | 152.40                 | 152.40                    | 76.20               | 1                 | 500                   | R4300            |



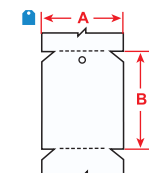
## B-411 POLYOLEFIN TAG MATERIAL

Color: White

Finish: Matt

White polyolefin tag material with matt finish. Offers good resistance to water and chemicals. Not recommended for outdoor use.

Performance Attributes



| Diagram | Order Reference | Material   | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
|         | THT-33-411-1    | Polyolefin | White  | 76.20                 | 152.40                 | 152.40                    | 76.20               | 1                 | 500                   | R4300            |



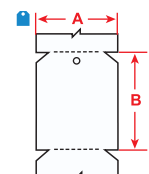
## B-412 POLYPROPYLENE TAG MATERIAL

Color: White

Finish: Matt

White polypropylene tag material with matt finish. Offers high print legibility and high tensile strength.

Performance Attributes



| Diagram | Order Reference | Material      | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|---------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
|         | THT-33-412-1    | Polypropylene | White  | 76.20                 | 152.40                 | 152.40                    | 76.20               | 1                 | 500                   | R4300            |



## B-508 NOMEX® CABLE MARKER

Colour: White/Yellow

Finish: Matt

Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance.

Performance Attributes



| Diagram | Order Reference | Material   | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
|         | HSNX-400-2-WT   | Nomex® Tag | White  | 10.16                 | 50.80                  | 15.79                     | 82.55               | 1                 | 2500                  | R4300            |
|         | HSNX-400-2-YL   | Nomex® Tag | Yellow | 10.16                 | 50.80                  | 15.79                     | 82.55               | 1                 | 2500                  | R4300            |
|         | HSNX-800-2-WT   | Nomex® Tag | White  | 50.80                 | 10.16                  | 25.70                     | 82.55               | 1                 | 2500                  | R4300            |
|         | HSNX-800-2-YL   | Nomex® Tag | Yellow | 50.80                 | 10.16                  | 25.70                     | 82.55               | 1                 | 2500                  | R4300            |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

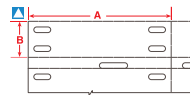


## B-7597 POLYETHYLENE TAG MATERIAL

Colour: White

Finish: Matt

White polyethylene tag material. Resists tearing and the topcoat resists smudging and abrasion. Low halogen material.



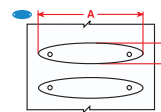
| Diagram | Order Reference | Material         | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | BT-7597W-2050   | Polyethylene Tag | White  | 50.80              | 12.70               | 16.72                  | 60.80            | 1              | 4000               | R7950         |
|         | BPT-7597W-2050  | Polyethylene Tag | White  | 60.80              | 12.70               | 16.72                  | 60.80            | 1              | 2000               | R7950         |

## B-7599 RAPIDO™ WIRE MARKERS

Colour: Yellow

Finish: Matt

Yellow coated polyethylene tag suitable for durable terminated wire marking for electrical devices and fibre installations.



| Diagram | Order Reference | Material         | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-01-7599-YL  | Polyethylene Tag | Yellow | 22.90              | 5.20                | 8.40                   | 35.90            | 1              | 2500               | R7950         |
|         | THT-02-7599-YL  | Polyethylene Tag | Yellow | 23.00              | 5.20                | 8.38                   | 36.00            | 1              | 2500               | R7950         |
|         | THT-03-7599_YL  | Polyethylene Tag | Yellow | 25.00              | 5.70                | 8.89                   | 38.00            | 1              | 2500               | R7950         |
|         | THT-04-7599_YL  | Polyethylene Tag | Yellow | 26.00              | 7.00                | 20.36                  | 39.00            | 1              | 1500               | R7950         |
|         | THT-05-7599-YL  | Polyethylene Tag | Yellow | 41.00              | 11.00               | 14.20                  | 54.00            | 1              | 1500               | R7950         |

## B-7643 HEATEX™ CABLE MARKERS

Colour: Various

Finish: Matt

Thermal transfer and dot matrix printable wire and cable bundle tag in polyurethane for harsh environments. Low halogen material.



### Performance Attributes



| Diagram | Order Reference    | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|--------------------|--------------------------------------|--------|--------------------|---------------------|----------------|--------------------|---------------|
|         | HCM-60x10-B7643-WT | Thermoplastic Polyether Polyurethane | White  | 60.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-60x10-B7643-OR | Thermoplastic Polyether Polyurethane | Orange | 60.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-60x10-B7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 60.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-60x10-B7643-RD | Thermoplastic Polyether Polyurethane | Red    | 60.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-60x10-B7643-BK | Thermoplastic Polyether Polyurethane | Black  | 60.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-75x10-B7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-75x10-B7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-75x10-B7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-75x10-B7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 10.00               | 1              | 1000               | R6000         |
|         | HCM-75x15-B7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 15.00               | 1              | 1000               | R6000         |
|         | HCM-75x15-B7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 15.00               | 1              | 1000               | R6000         |
|         | HCM-75x15-B7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 75.00              | 15.00               | 1              | 1000               | R6000         |
|         | HCM-75x15-B7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 15.00               | 1              | 1000               | R6000         |
|         | HCM-75x15-B7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 15.00               | 1              | 1000               | R6000         |
|         | HCM-75x25-B7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 25.00               | 1              | 500                | R6000         |
|         | HCM-75x25-B7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 25.00               | 1              | 500                | R6000         |
|         | HCM-75x25-B7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 75.00              | 25.00               | 1              | 500                | R6000         |
|         | HCM-75x25-B7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 25.00               | 1              | 500                | R6000         |
|         | HCM-75x25-B7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 25.00               | 1              | 500                | R6000         |



## B-7644 LAMINAT™ CARRIERS

Colour: Yellow

Laminat™ Carriers come with a strip to laminate text labels. The carrier is to be fixed with two cable ties directly on the cables and wires. This dependable marking system enables you to permanently mark cables and wires.

The Laminat™ Carriers can be used for any type of cable identification where permanency of the legend is crucial.



1. Pull the protective film backwards.



2. Place the label in the middle leaving space for sealing on all four sides of the label.



3. Seal the carrier by placing a finger on the film and pushing forward, thus rolling over the film and rolling off the silicon liner.



4. Always feed the cable ties from the top, thus bending down the Laminat™ carrier along the cable.

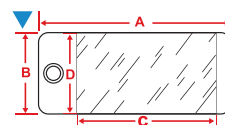
| Diagram | Order Reference | Material                                | Colour | Size - Width A (mm) | Size - Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Quantity / Package | Labels/Tapes Recommended |
|---------|-----------------|-----------------------------------------|--------|---------------------|----------------------|---------------------------|----------------------------|--------------------|--------------------------|
|         | LC-65x13-B7644  | Polypropylene with Polyester Overlamine | Yellow | 65.00               | 13.00                | 45.00                     | 9.00                       | 100                | THRTL-5-430/6 mm tape    |
|         | LC-71x9-B7644   | Polypropylene with Polyester Overlamine | Yellow | 71.00               | 9.00                 | 45.00                     | 9.00                       | 100                | THRTL-5-430/6 mm tape    |
|         | LC-103x15-B7644 | Polypropylene with Polyester Overlamine | Yellow | 103.00              | 15.00                | 55.00                     | 15.00                      | 100                | THRTL-6-430/6 mm tape    |
|         | LC-128x15-B7644 | Polypropylene with Polyester Overlamine | Yellow | 128.00              | 15.00                | 80.00                     | 15.00                      | 100                | THRTL-1-430/9 mm tape    |
|         | LC-178x15-B7644 | Polypropylene with Polyester Overlamine | Yellow | 178.00              | 15.00                | 130.00                    | 15.00                      | 50                 | THRTL-2-430/9 mm tape    |



## B-7645 LAMINAT™ TAGS

Colour: Yellow

The Laminat™ Tags (Manilla tags) are ideal for identification of material in tough environments including valves, instruments, motors and other industrial components.



| Diagram | Order Reference    | Material                                    | Colour | Size - Width A (mm) | Size - Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Quantity / Package | Labels/Tapes Recommended         |
|---------|--------------------|---------------------------------------------|--------|---------------------|----------------------|---------------------------|----------------------------|--------------------|----------------------------------|
|         | LT-59x25-B7645     | Polypropylene Tag with Polyester Overlamine | Yellow | 59.00               | 25.00                | 43.00                     | 25.00                      | 50                 | THRTL-4-430/9,12, 19 mm tape     |
|         | LT-59x25-B7645-WR  | Polypropylene Tag with Polyester Overlamine | Yellow | 59.00               | 25.00                | 43.00                     | 25.00                      | 50                 | THRTL-4-430/9,12, 19 mm tape     |
|         | LT-100x60-B7645-WR | Polypropylene Tag with Polyester Overlamine | Yellow | 116.00              | 60.00                | 100.00                    | 60.00                      | 50                 | THRTL-19-430-1/THRTL-21-430 tape |
|         | LT-150x25-B7645    | Polypropylene Tag with Polyester Overlamine | Yellow | 150.00              | 25.00                | 135.00                    | 25.00                      | 50                 | THRTL-3-430/9,12, 19 mm tape     |
|         | LT-150x25-B7645-WR | Polypropylene Tag with Polyester Overlamine | Yellow | 150.00              | 25.00                | 135.00                    | 25.00                      | 50                 | THRTL-3-430/9,12, 19 mm tape     |



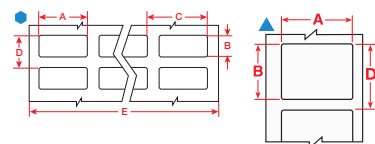
## B-430 LABELS FOR LAMINAT™ CARRIERS AND TAGS

Colour: Clear

Finish: Gloss

Clear Polyester labels specifically designed to fit the Laminat™ Carriers and Tags.

Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THRTL-1-430     | Polyester | Clear  | 11.00              | 74.00               | 14.00                    | 76.99                  | 79.00            | 5              | 5000               | R6000         |
|         | THRTL-2-430     | Polyester | Clear  | 11.00              | 124.00              | 14.00                    | 127.00                 | 79.00            | 5              | 5000               | R6000         |
|         | THRTL-3-430     | Polyester | Clear  | 21.00              | 129.00              | 24.00                    | 133.35                 | 81.00            | 3              | 3000               | R6000         |
|         | THRTL-4-430     | Polyester | Clear  | 37.00              | 21.00               | 40.00                    | 24.25                  | 89.00            | 2              | 2000               | R6000         |
|         | THRTL-5-430     | Polyester | Clear  | 39.00              | 5.00                | —                        | 7.94                   | 51.00            | 1              | 1000               | R6000         |
|         | THRTL-6-430     | Polyester | Clear  | 49.00              | 11.00               | —                        | 14.11                  | 61.00            | 1              | 1000               | R6000         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications.



### Black

| Order Ref.         | Colour | Width (mm) | Height (mm) | Quantity |
|--------------------|--------|------------|-------------|----------|
| NYTIE-2.4X75-BK    | Black  | 2.40       | 75.00       | 100      |
| NYTIE-2.5X96-BK    | Black  | 2.50       | 96.00       | 100      |
| NYTIE-2.5X120-BK   | Black  | 2.50       | 120.00      | 100      |
| NYTIE-2.5X142-BK   | Black  | 2.50       | 142.00      | 100      |
| NYTIE-2.5X165-BK   | Black  | 2.50       | 165.00      | 100      |
| NYTIE-2.5X203-BK   | Black  | 2.50       | 203.00      | 100      |
| NYTIE-3.2X140-BK   | Black  | 3.20       | 140.00      | 100      |
| NYTIE-3.6X203-BK   | Black  | 3.60       | 203.00      | 100      |
| NYTIE-3.6X292-BK   | Black  | 3.60       | 292.00      | 100      |
| NYTIE-3.6X368-BK   | Black  | 3.60       | 368.00      | 100      |
| NYTIE-4.6X203-BK   | Black  | 4.60       | 203.00      | 100      |
| NYTIE-4.8X120-BK   | Black  | 4.80       | 120.00      | 100      |
| NYTIE-4.8X160-BK   | Black  | 4.80       | 160.00      | 100      |
| NYTIE-4.8X190-BK   | Black  | 4.80       | 190.00      | 100      |
| NYTIE-4.8X250-BK   | Black  | 4.80       | 250.00      | 100      |
| NYTIE-4.8X300-BK   | Black  | 4.80       | 300.00      | 100      |
| NYTIE-4.8X368-BK   | Black  | 4.80       | 368.00      | 100      |
| NYTIE-4.8X385-BK   | Black  | 4.80       | 385.00      | 100      |
| NYTIE-4.8X432-BK   | Black  | 4.80       | 432.00      | 100      |
| NYTIE-7.5X750-BK   | Black  | 7.50       | 750.00      | 100      |
| NYTIE-7.6X120-BK   | Black  | 7.60       | 120.00      | 100      |
| NYTIE-7.6X203-BK   | Black  | 7.60       | 203.00      | 100      |
| NYTIE-7.6X240-BK   | Black  | 7.60       | 240.00      | 100      |
| NYTIE-7.6X300-BK   | Black  | 7.60       | 300.00      | 100      |
| NYTIE-7.6X370-BK   | Black  | 7.60       | 370.00      | 100      |
| NYTIE-8X450-BK     | Black  | 8.00       | 450.00      | 100      |
| NYTIE-8X550-BK     | Black  | 8.00       | 550.00      | 100      |
| NYTIE-9X812-BK     | Black  | 9.00       | 812.00      | 100      |
| NYTIE-12.7X230-BK  | Black  | 12.70      | 230.00      | 50       |
| NYTIE-12.7X480-BK  | Black  | 12.70      | 480.00      | 50       |
| NYTIE-12.7X550-BK  | Black  | 12.70      | 550.00      | 50       |
| NYTIE-12.7X730-BK  | Black  | 12.70      | 730.00      | 50       |
| NYTIE-12.7X880-BK  | Black  | 12.70      | 880.00      | 50       |
| NYTIE-12.7X1030-BK | Black  | 12.70      | 1030.00     | 50       |

### Natural

| Order Ref.         | Colour  | Width (mm) | Height (mm) | Quantity |
|--------------------|---------|------------|-------------|----------|
| NYTIE-2.4X75-NT    | Natural | 2.40       | 75.00       | 100      |
| NYTIE-2.5X96-NT    | Natural | 2.50       | 96.00       | 100      |
| NYTIE-2.5X120-NT   | Natural | 2.50       | 120.00      | 100      |
| NYTIE-2.5X142-NT   | Natural | 2.50       | 142.00      | 100      |
| NYTIE-2.5X165-NT   | Natural | 2.50       | 165.00      | 100      |
| NYTIE-2.5X203-NT   | Natural | 2.50       | 203.00      | 100      |
| NYTIE-3.2X140-NT   | Natural | 3.20       | 140.00      | 100      |
| NYTIE-3.6X203-NT   | Natural | 3.60       | 203.00      | 100      |
| NYTIE-3.6X292-NT   | Natural | 3.60       | 292.00      | 100      |
| NYTIE-3.6X368-NT   | Natural | 3.60       | 368.00      | 100      |
| NYTIE-4.6X203-NT   | Natural | 4.60       | 203.00      | 100      |
| NYTIE-4.8X120-NT   | Natural | 4.80       | 120.00      | 100      |
| NYTIE-4.8X160-NT   | Natural | 4.80       | 160.00      | 100      |
| NYTIE-4.8X190-NT   | Natural | 4.80       | 190.00      | 100      |
| NYTIE-4.8X250-NT   | Natural | 4.80       | 250.00      | 100      |
| NYTIE-4.8X300-NT   | Natural | 4.80       | 300.00      | 100      |
| NYTIE-4.8X368-NT   | Natural | 4.80       | 368.00      | 100      |
| NYTIE-4.8X385-NT   | Natural | 4.80       | 385.00      | 100      |
| NYTIE-4.8X432-NT   | Natural | 4.80       | 432.00      | 100      |
| NYTIE-7.5X750-NT   | Natural | 7.50       | 750.00      | 100      |
| NYTIE-7.6X120-NT   | Natural | 7.60       | 120.00      | 100      |
| NYTIE-7.6X203-NT   | Natural | 7.60       | 203.00      | 100      |
| NYTIE-7.6X240-NT   | Natural | 7.60       | 240.00      | 100      |
| NYTIE-7.6X300-NT   | Natural | 7.60       | 300.00      | 100      |
| NYTIE-7.6X370-NT   | Natural | 7.60       | 370.00      | 100      |
| NYTIE-8X450-NT     | Natural | 8.00       | 450.00      | 100      |
| NYTIE-8X550-NT     | Natural | 8.00       | 550.00      | 100      |
| NYTIE-9X812-NT     | Natural | 9.00       | 812.00      | 100      |
| NYTIE-12.7X230-NT  | Natural | 12.70      | 230.00      | 50       |
| NYTIE-12.7X480-NT  | Natural | 12.70      | 480.00      | 50       |
| NYTIE-12.7X550-NT  | Natural | 12.70      | 550.00      | 50       |
| NYTIE-12.7X730-NT  | Natural | 12.70      | 730.00      | 50       |
| NYTIE-12.7X880-NT  | Natural | 12.70      | 880.00      | 50       |
| NYTIE-12.7X1030-NT | Natural | 12.70      | 1030.00     | 50       |



### Blue

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-BL | Blue   | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-BL | Blue   | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-BL | Blue   | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-BL | Blue   | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-BL | Blue   | 4.80       | 290.00      | 100      |

### RED

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-RD | Red    | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-RD | Red    | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-RD | Red    | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-RD | Red    | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-RD | Red    | 4.80       | 290.00      | 100      |

### Green

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-GR | Green  | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-GR | Green  | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-GR | Green  | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-GR | Green  | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-GR | Green  | 4.80       | 290.00      | 100      |

### Violet

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-VT | Violet | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-VT | Violet | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-VT | Violet | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-VT | Violet | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-VT | Violet | 4.80       | 290.00      | 100      |

### Orange

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-OR | Orange | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-OR | Orange | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-OR | Orange | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-OR | Orange | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-OR | Orange | 4.80       | 290.00      | 100      |

### Yellow

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5X100-YL | Yellow | 2.50       | 100.00      | 100      |
| NYTIE-3.6X140-YL | Yellow | 3.60       | 140.00      | 100      |
| NYTIE-3.6X205-YL | Yellow | 3.60       | 205.00      | 100      |
| NYTIE-4.8X200-YL | Yellow | 4.80       | 200.00      | 100      |
| NYTIE-4.8X290-YL | Yellow | 4.80       | 290.00      | 100      |



## STAINLESS STEEL WIRE AND CABLE TIES AND TAGS

Stainless steel tags and ties provide the highest performance option available for identifying cables and wires in the harshest environments. These durable materials can withstand heat, UV, humidity and salt fog. In addition, they offer excellent resistance to oil and harsh chemicals such as skydrol, motor oil and gasoline.

### Stainless Steel Tags

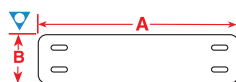
Stainless steel cable tags are made out of stainless steel 316 or 304 and are resistant to aggressive environments and temperatures up to 920°C.

- Can be laser engraved or embossed with any standard text, including serialisation
- Available in various widths and heights
- Available in blank stock, or factory-customised versions

### Stainless Steel Ties

Extremely durable cable ties are available in both grade 304 and 316 for almost any aggressive environment.

## STAINLESS STEEL TAGS



| Diagram                                                     | Order Reference  | Width (mm) | Height (mm) | Printable Area Width (mm) | Quantity / Package |
|-------------------------------------------------------------|------------------|------------|-------------|---------------------------|--------------------|
| Blank Stainless Steel Cable Tag - Stainless Steel Grade 316 |                  |            |             |                           |                    |
|                                                             | SSTAG-7010-7316  | 70.00      | 10.00       | 50.00                     | 100                |
|                                                             | SSTAG-7013-7316  | 70.00      | 13.00       | 50.00                     | 100                |
|                                                             | SSTAG-9010-7316  | 90.00      | 10.00       | 70.00                     | 100                |
|                                                             | SSTAG-9013-7316  | 90.00      | 13.00       | 70.00                     | 100                |
|                                                             | SSTAG-11010-7316 | 110.00     | 10.00       | 80.00                     | 100                |
|                                                             | SSTAG-11013-7316 | 110.00     | 13.00       | 80.00                     | 100                |
| Blank Stainless Steel Cable Tag - Stainless Steel Grade 304 |                  |            |             |                           |                    |
|                                                             | SSTAG-11013-7304 | 110.00     | 13.00       | 80.00                     | 100                |
|                                                             | SSTAG-7013-7304  | 70.00      | 13.00       | 50.00                     | 100                |
|                                                             | SSTAG-11010-7304 | 110.00     | 10.00       | 80.00                     | 100                |
|                                                             | SSTAG-9010-7304  | 90.00      | 10.00       | 70.00                     | 100                |
|                                                             | SSTAG-7010-7304  | 70.00      | 10.00       | 50.00                     | 100                |
| Blank Stainless Steel Cable Tag - Stainless Steel Grade 316 |                  |            |             |                           |                    |
|                                                             | SSTAG-8919-7316  | 89.00      | 19.00       | 69.00                     | 100                |
|                                                             | SSTAG-5219-7316  | 52.00      | 19.00       | 32.00                     | 100                |
| Blank Stainless Steel Cable Tag - Stainless Steel Grade 304 |                  |            |             |                           |                    |
|                                                             | SSTAG-8919-7304  | 89.00      | 19.00       | 69.00                     | 100                |
|                                                             | SSTAG-5219-7304  | 52.00      | 19.00       | 32.00                     | 100                |

## CABLE TIE TOOLS



| Order Reference | Description                          | Quantity / Package |
|-----------------|--------------------------------------|--------------------|
| JV-4580         | Heavy Duty Cable Tie Tool            | 1                  |
| JV-4580         | Cable Tie Tool with Heavy Duty Teeth | 1                  |

## STAINLESS STEEL TIES



| Order Reference                                              | Width (mm) | Height (mm) | Quantity / Package |
|--------------------------------------------------------------|------------|-------------|--------------------|
| Stainless Steel Coated Cable Tie - Stainless Steel Grade 316 |            |             |                    |
| SSTIEC-201-7316                                              | 4.60       | 201.00      | 100                |
| SSTIEC-370-7316                                              | 4.60       | 370.00      | 100                |
| SSTIEC-201-7316-HD                                           | 7.90       | 201.00      | 100                |
| SSTIEC-362-7316-HD                                           | 7.90       | 362.00      | 100                |
| SSTIEC-520-7316-HD                                           | 7.90       | 520.00      | 100                |
| Stainless Steel Cable Tie - Stainless Steel Grade 316        |            |             |                    |
| SSTIE-127-7316                                               | 4.60       | 127.00      | 100                |
| SSTIE-201-7316                                               | 4.60       | 201.00      | 100                |
| SSTIE-300-7316                                               | 4.60       | 300.00      | 100                |
| SSTIE-370-7316                                               | 4.60       | 370.00      | 100                |
| SSTIE-520-7316                                               | 4.60       | 520.00      | 100                |
| SSTIE-150-7316-HD                                            | 7.90       | 150.00      | 100                |
| SSTIE-201-7316-HD                                            | 7.90       | 201.00      | 100                |
| SSTIE-300-7316-HD                                            | 7.90       | 300.00      | 100                |
| SSTIE-370-7316-HD                                            | 7.90       | 370.00      | 100                |
| SSTIE-520-7316-HD                                            | 7.90       | 520.00      | 100                |
| SSTIE-840-7316-HD                                            | 7.90       | 840.00      | 100                |
| Stainless Steel Cable Tie - Stainless Steel Grade 304        |            |             |                    |
| SSTIE-127-7304                                               | 4.50       | 127.00      | 100                |
| SSTIE-201-7304                                               | 4.50       | 201.00      | 100                |
| SSTIE-266-7304                                               | 4.50       | 266.00      | 100                |
| SSTIE-362-7304                                               | 4.50       | 362.00      | 100                |
| SSTIE-521-7304                                               | 4.50       | 521.00      | 100                |
| SSTIE-838-7304                                               | 4.50       | 838.00      | 100                |
| SSTIE-1194-7304                                              | 4.50       | 1194.00     | 100                |
| SSTIE-201-7304-HD                                            | 7.90       | 201.00      | 100                |
| SSTIE-362-7304-HD                                            | 7.90       | 362.00      | 100                |
| SSTIE-521-7304-HD                                            | 7.90       | 521.00      | 100                |
| SSTIE-838-7304-HD                                            | 7.90       | 838.00      | 50                 |
| SSTIE-1194-7304-HD                                           | 7.90       | 1194.00     | 50                 |
| SSTIE-400-7304-WD                                            | 10.00      | 400.00      | 100                |

Suffix HD refers to ties 7.9mm wide.  
Suffix WD refers to ties 10mm wide.



## DURASLEEVE™ WIRE MARKER

The DuraSleeve markers consist of two components: a transparent tube (carrier) with a label pocket and an insert to slide into the pocket. Your text is at all times protected by the tube and can easily be replaced. Print the inserts on a Brady printer to ensure clean crisp readable legends every time.

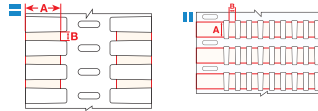


## B-7696 DURASLEEVE VINYL TAG MATERIAL

Colour: White

Finish: Gloss

Brady DuraSleeve printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination.



| Diagram | Order Reference       | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series  |
|---------|-----------------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|----------------|
| II      | THTRDS-10x4,4-7696    | Vinyl Tag | White  | 10.00              | 4.40                | 8.32                     | 16.93                  | 84.60            | 8              | 8000               | R7964; R6000HF |
| II      | THTRDS-12x4,4-7696    | Vinyl Tag | White  | 12.00              | 4.40                | 8.32                     | 18.14                  | 84.17            | 8              | 8000               | R7964; R6000HF |
| II      | THTRDS-16x4,4-7696    | Vinyl Tag | White  | 16.00              | 4.40                | 8.32                     | 22.22                  | 84.17            | 8              | 6000               | R7964; R6000HF |
| II      | THTRDS-16x4,4-7696-YL | Vinyl Tag | Yellow | 16.00              | 4.40                | 8.32                     | 22.22                  | 84.17            | 8              | 10000              | R7964; R6000HF |
| III     | BPTRDS-16x4,4-7696    | Vinyl Tag | White  | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
| III     | BPTRDS-16x4,4-7696-YL | Vinyl Tag | Yellow | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
| II      | THTRDS-23x4,4-7696    | Vinyl Tag | White  | 23.00              | 4.40                | 8.32                     | 29.21                  | 84.13            | 8              | 4000               | R7964; R6000HF |
| II      | THTRDS-30x4,4-7696    | Vinyl Tag | White  | 30.00              | 4.40                | 8.32                     | 36.11                  | 84.17            | 8              | 4000               | R7964; R6000HF |
| II      | THTRDS-30x4,4-7696-YL | Vinyl Tag | Yellow | 30.00              | 4.40                | 8.32                     | 36.11                  | 84.17            | 8              | 10000              | R7964; R6000HF |
| III     | BPTRDS-30x4,4-7696    | Vinyl Tag | White  | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |
| III     | BPTRDS-30x4,4-7696-YL | Vinyl Tag | Yellow | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |

## DURASLEEVE TAG CARRIER

DuraSleeve carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. This means that there are only seven different sizes of carriers which cater for cables with external diameters from 1.30 mm up to 24 mm.

- Temperature range: -40 °C to 60 °C
- Material: PVC
- Self-extinguishing UL94V0



| Order Ref. | Length (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Packaging |
|------------|-------------|-------------------------|-------------------------|-----------|
| AC-0-L10   | 10.00       | 1.30                    | 2.00                    | 2000      |
| AC-1-L10   | 10.00       | 1.80                    | 2.50                    | 2000      |
| AC-2-L10   | 10.00       | 2.50                    | 4.00                    | 2000      |
| AC-3-L10   | 10.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L10   | 10.00       | 6.00                    | 10.00                   | 1000      |
| AC-5-L10   | 10.00       | 9.00                    | 15.00                   | 1000      |
| AC-6-L10   | 10.00       | 15.00                   | 24.00                   | 500       |
| AC-0-L12   | 12.00       | 1.30                    | 2.00                    | 2000      |
| AC-1-L12   | 12.00       | 1.80                    | 2.50                    | 2000      |
| AC-2-L12   | 12.00       | 2.50                    | 4.00                    | 2000      |
| AC-3-L12   | 12.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L12   | 12.00       | 6.00                    | 10.00                   | 1000      |
| AC-5-L12   | 12.00       | 9.00                    | 15.00                   | 1000      |
| AC-6-L12   | 12.00       | 15.00                   | 24.00                   | 500       |
| AC-0-L16   | 16.00       | 1.30                    | 2.00                    | 2000      |
| AC-1-L16   | 16.00       | 1.80                    | 2.50                    | 2000      |
| AC-2-L16   | 16.00       | 2.50                    | 4.00                    | 2000      |
| AC-3-L16   | 16.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L16   | 16.00       | 6.00                    | 10.00                   | 1000      |
| AC-5-L16   | 16.00       | 9.00                    | 15.00                   | 750       |
| AC-6-L16   | 16.00       | 15.00                   | 24.00                   | 500       |
| AC-0-L18   | 18.00       | 1.30                    | 2.00                    | 2000      |
| AC-1-L18   | 18.00       | 1.80                    | 2.50                    | 2000      |
| AC-2-L18   | 18.00       | 2.50                    | 4.00                    | 2000      |
| AC-3-L18   | 18.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L18   | 18.00       | 6.00                    | 10.00                   | 1000      |
| AC-5-L18   | 18.00       | 9.00                    | 15.00                   | 750       |
| AC-6-L18   | 18.00       | 15.00                   | 24.00                   | 500       |

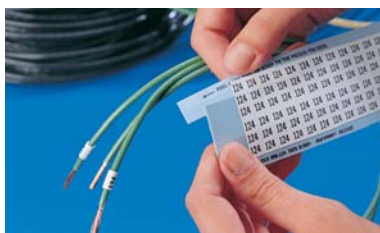
| Order Ref. | Length (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Packaging |
|------------|-------------|-------------------------|-------------------------|-----------|
| AC-0-L23   | 23.00       | 1.30                    | 2.00                    | 2000      |
| AC-1-L23   | 23.00       | 1.80                    | 2.50                    | 2000      |
| AC-2-L23   | 23.00       | 2.50                    | 4.00                    | 2000      |
| AC-3-L23   | 23.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L23   | 23.00       | 6.00                    | 10.00                   | 1000      |
| AC-5-L23   | 23.00       | 9.00                    | 15.00                   | 500       |
| AC-6-L23   | 23.00       | 15.00                   | 24.00                   | 500       |
| AC-0-L30   | 30.00       | 1.30                    | 2.00                    | 1000      |
| AC-1-L30   | 30.00       | 1.80                    | 2.50                    | 1000      |
| AC-2-L30   | 30.00       | 2.50                    | 4.00                    | 1000      |
| AC-3-L30   | 30.00       | 4.00                    | 6.50                    | 1000      |
| AC-4-L30   | 30.00       | 6.00                    | 10.00                   | 500       |
| AC-5-L30   | 30.00       | 9.00                    | 15.00                   | 500       |
| AC-6-L30   | 30.00       | 15.00                   | 24.00                   | 200       |

### CONTINUOUS CARRIERS

| Order Ref. | Length (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Packaging |
|------------|------------|-------------------------|-------------------------|-----------|
| AC-0-L50M  | 50.00 m    | 1.30                    | 2.00                    | 1         |
| AC-1-L50M  | 50.00 m    | 1.80                    | 2.50                    | 1         |
| AC-2-L50M  | 50.00 m    | 2.50                    | 4.00                    | 1         |
| AC-3-L50M  | 50.00 m    | 4.00                    | 6.50                    | 1         |
| AC-4-L50M  | 50.00 m    | 6.00                    | 10.00                   | 1         |
| AC-5-L25M  | 25.00 m    | 9.00                    | 15.00                   | 1         |
| AC-6-L25M  | 25.00 m    | 15.00                   | 24.00                   | 1         |

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# Pre-Printed Wire Markers



## PRE-PRINTED WIRE MARKERS MATERIALS CHART

Brady's exclusive ZipStrip® release card lets you easily remove the markers you need, when you need them.

| Brady Material No. | Material              | Temp (°C)<br>(Tested for 30 days) | Colour          | Finish     | Use                                          | Additional Information                                                       |
|--------------------|-----------------------|-----------------------------------|-----------------|------------|----------------------------------------------|------------------------------------------------------------------------------|
| B-12               | Acetate Cloth         | 105 °C                            | Black on White  | Matt       | Wire marker for varnish dip or baking cycles | Oil and heat resistant                                                       |
| B-184              | Aluminium Foil        | 130 °C                            | Black on Silver | Matt       | Permanent debossed marking                   | Heat, oil, solvent and abrasion resistant                                    |
| B-292              | Self-laminating Vinyl | 70 °C                             | Black on White  | Matt       | Machine tool, flat ribbon, and wire marking  | Conformable, durable; oil, water and mild solvent resistant                  |
| B-500              | Vinyl Cloth           | 80 °C                             | Black on White  | Matt       | All-purpose marker                           | Moderate heat, oil and dirt resistance; high adhesion                        |
| B-702              | Polyester             | 100 °C                            | Black on White  | Gloss      | Vinyl coated; machine tool labelling         | Oil and mild solvent resistant; high adhesion                                |
| B-708              | Vinyl                 | 70 °C                             | Black on White  | Semi-gloss | Indoor/Outdoor cable marking                 | Conformable, durable; oil, water and mild solvent resistant; self-laminating |



### Reference Explanation

Most Brady references for Pre-Printed Wire Markers follow the same format: The first code indicates the Brady product, the second legend indicates the marker's legend and a third code indicates a package of 25 cards.

**WM**

Brady  
Wire Marker Card

-

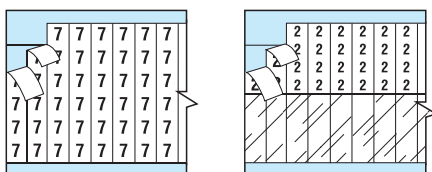
**5**

Legend reads  
"5"

**PK**

Quantity

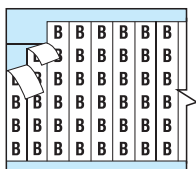
## WIRE MARKER CARDS



### Solid Numbers, Self-Laminating Solid Numbers

| Legend            | B-500<br>Vinyl Cloth | B-702<br>Polyester | B-184<br>Aluminium Foil | B-12<br>Acetate Cloth | B-292<br>Self-laminating<br>Vinyl | Width<br>(mm) | Height<br>(mm) | Labels/<br>Card |
|-------------------|----------------------|--------------------|-------------------------|-----------------------|-----------------------------------|---------------|----------------|-----------------|
| 0                 | WM-0-PK              | TWM-0-PK           | AF-0-PK                 | HH-0-PK               | SLF-0-PK                          | 6.35          | 38.00          | 36              |
| 1                 | WM-1-PK              | TWM-1-PK           | AF-1-PK                 | HH-1-PK               | SLF-1-PK                          | 6.35          | 38.00          | 36              |
| 2                 | WM-2-PK              | TWM-2-PK           | AF-2-PK                 | HH-2-PK               | SLF-2-PK                          | 6.35          | 38.00          | 36              |
| and so on through | and so on through    | and so on through  | and so on through       | and so on through     | SLF-3-PK                          | 6.35          | 38.00          | 36              |
| 11                | WM-11-PK             | TWM-11-PK          | AF-11-PK                | HH-9-PK               | -                                 | 6.35          | 38.00          | 36              |
| 12                | WM-12-PK             | -                  | AF-12-PK                | -                     | -                                 | 6.35          | 38.00          | 36              |
| and so on through | and so on through    | -                  | and so on through       | -                     | -                                 | 6.35          | 38.00          | 36              |
| 50                | WM-50-PK             | -                  | AF-50-PK                | -                     | -                                 | 6.35          | 38.00          | 36              |
| and so on through | and so on through    | -                  | -                       | -                     | -                                 | 6.35          | 38.00          | 36              |
| 125               | WM-125-PK            | -                  | -                       | -                     | -                                 | 6.35          | 38.00          | 25              |

38 mm suitable for cable diameter < 12 mm - 36 markers/card up to No.99 and 25 markers/card from No. 100 onwards - pack contains 25 cards



### Solid Letters - Upper Case

| Legend            | B-500<br>Vinyl Cloth | B-702<br>Polyester | B-184<br>Aluminium Foil | B-12<br>Acetate Cloth | Width<br>(mm) | Height<br>(mm) | Labels/<br>Card |
|-------------------|----------------------|--------------------|-------------------------|-----------------------|---------------|----------------|-----------------|
| A                 | WM-A-PK              | TWM-A-PK           | AF-A-PK                 | HH-A-PK               | 6.35          | 38.00          | 36              |
| B                 | WM-B-PK              | TWM-B-PK           | AF-B-PK                 | HH-B-PK               | 6.35          | 38.00          | 36              |
| C                 | WM-C-PK              | TWM-C-PK           | AF-C-PK                 | HH-C-PK               | 6.35          | 38.00          | 36              |
| and so on through | and so on through    | and so on through  | and so on through       | and so on through     | 6.35          | 38.00          | 36              |
| Z                 | WM-Z-PK              | TWM-Z-PK           | AF-Z-PK                 | HH-Z-PK               | 6.35          | 38.00          | 36              |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

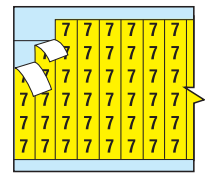
View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## WIRE MARKER CARDS

### Solid Numbers on Coloured Background

| Legend            | White on Red | Black on Yellow   | Black on Blue | White on Green | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|--------------|-------------------|---------------|----------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |              |                   |               |                |            |             |              |
| 0                 | WM-0-RD-PK   | WM-0-YL-PK        | WM-0-BL-PK    | WM-0-GR-PK     | 6.35       | 38.00       | 36           |
| 1                 | WM-1-RD-PK   | WM-1-YL-PK        | WM-1-BL-PK    | WM-1-GR-PK     | 6.35       | 38.00       | 36           |
| 2                 | WM-2-RD-PK   | WM-2-YL-PK        | WM-2-BL-PK    | WM-2-GR-PK     | 6.35       | 38.00       | 36           |
| 3                 | -            | WM-3-YL-PK        | WM-3-BL-PK    | WM-3-GR-PK     | 6.35       | 38.00       | 36           |
| 4                 | -            | WM-4-YL-PK        | -             | WM-4-GR-PK     | 6.35       | 38.00       | 36           |
| 5                 | WM-5-RD-PK   | WM-5-YL-PK        | -             | WM-5-GR-PK     | 6.35       | 38.00       | 36           |
| and so on through | -            | and so on through | -             | -              | 6.35       | 38.00       | 36           |
| 30                | -            | WM-30-YL-PK       | -             | -              | 6.35       | 38.00       | 36           |

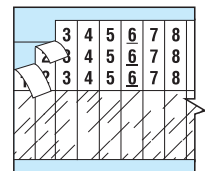
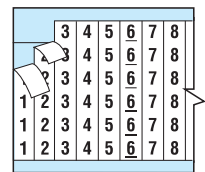
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Numbers, Self-Laminating Consecutive Numbers

| Legend            | B-500 Vinyl Cloth | B-702 Polyester | B-184 Aluminium Foil | B-12 Acetate Cloth | B-292 Self-laminating Vinyl | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|-------------------|-----------------|----------------------|--------------------|-----------------------------|------------|-------------|--------------|
| 1-33              | WM-1-33-PK        | TWM-1-33-PK     | AF-1-33-PK           | HH-1-33-PK         | SLF-1-33-PK                 | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-PK       | TWM-34-66-PK    | AF-34-66-PK          | HH-34-66-PK        | SLF-34-66-PK                | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-PK       | TWM-67-99-PK    | AF-67-99-PK          | -                  | -                           | 6.35       | 38.00       | 33           |
| 100-124           | WM-100-124-PK     | -               | AF-100-124-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| 125-149           | WM-125-149-PK     | -               | AF-125-149-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| and so on through | and so on through | -               | and so on through    | -                  | -                           | 6.35       | 38.00       | 25           |
| 200-224           | WM-200-224-PK     | -               | AF-200-224-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| and so on through | and so on through | -               | -                    | -                  | -                           | 6.35       | 38.00       | 25           |
| 975-999           | WM-975-999-PK     | -               | -                    | -                  | -                           | 6.35       | 38.00       | 25           |

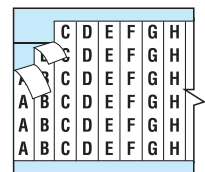
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Letters

| Legend            | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|-------------------|-----------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |                 |            |             |             |
| A-Z               | WM-A-Z-PK       | 6.35       | 38.00       | 26          |
| A-Z,A-J           | WM-A-Z,A-J-PK   | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

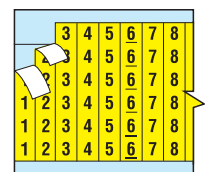


### Consecutive Numbers on Coloured Background

| Legend            | White on Red     | Black on Yellow  | Black on Orange | Black on Blue  | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|------------------|------------------|-----------------|----------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |                  |                  |                 |                |            |             |              |
| 1-33              | WM-1-33-RD-PK    | WM-1-33-YL-PK    | WM-1-33-OR-PK   | WM-1-33-BL-PK  | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-RD-PK   | WM-34-66-YL-PK   | WM-34-66-OR-PK  | WM-34-66-BL-PK | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-RD-PK   | WM-67-99-YL-PK   | WM-67-99-OR-PK  | WM-67-99-BL-PK | 6.35       | 38.00       | 33           |
| 100-124           | WM-100-124-RD-PK | WM-100-124-YL-PK | -               | -              | 6.35       | 38.00       | 25           |

| Legend            | White on Green | White on Brown | White on Black   | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|----------------|----------------|------------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |                |                |                  |            |             |              |
| 1-33              | WM-1-33-GR-PK  | WM-1-33-BR-PK  | WM-1-33-BK-PK    | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-GR-PK | WM-34-66-BR-PK | WM-34-66-BK-PK   | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-GR-PK | WM-67-99-BR-PK | WM-67-99-BK-PK   | 6.35       | 38.00       | 33           |
| 100-124           | -              | -              | WM-100-124-BK-PK | 6.35       | 38.00       | 25           |

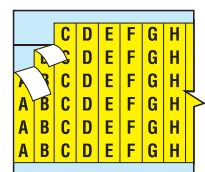
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Letters On Coloured Background

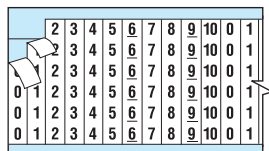
| Legend            | White on Red  | Black on Yellow | Width (mm) | Height (mm) | Labels/Card |
|-------------------|---------------|-----------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |               |                 |            |             |             |
| A-Z               | WM-1-33-RD-PK | WM-1-33-YL-PK   | 6.35       | 38.00       | 26          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

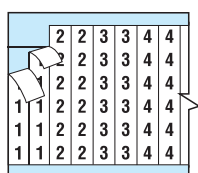
## WIRE MARKER CARDS



### Consecutive Numers Repeated

| Legend                      | Order Reference | Width (mm) | Height (mm) | Sequences per Card | Labels/Card |
|-----------------------------|-----------------|------------|-------------|--------------------|-------------|
| <b>B-500 Vinyl Cloth</b>    |                 |            |             |                    |             |
| 1-3                         | WM-1-3-PK       | 6.35       | 38.00       | 12                 | 36          |
| 1-4                         | WM-1-4-PK       | 6.35       | 38.00       | 9                  | 36          |
| 1-5                         | WM-1-5-PK       | 6.35       | 38.00       | 7                  | 35          |
| 1-6                         | WM-1-6-PK       | 6.35       | 38.00       | 6                  | 36          |
| 1-8                         | WM-1-8-PK       | 6.35       | 38.00       | 4                  | 32          |
| 1-9                         | WM-1-9-PK       | 6.35       | 38.00       | 4                  | 36          |
| 0-9                         | WM-0-9-PK       | 6.35       | 38.00       | 3                  | 30          |
| 1-10                        | WM-1-10-PK      | 6.35       | 38.00       | 3                  | 30          |
| 0-10                        | WM-0-10-PK      | 6.35       | 38.00       | 3                  | 33          |
| 1-12                        | WM-1-12-PK      | 6.35       | 38.00       | 3                  | 36          |
| 1-16                        | WM-1-16-PK      | 6.35       | 38.00       | 2                  | 32          |
| 1-18                        | WM-1-18-PK      | 6.35       | 38.00       | 2                  | 36          |
| 19-36                       | WM-19-36-PK     | 6.35       | 38.00       | 2                  | 36          |
| <b>B-184 Aluminium Foil</b> |                 |            |             |                    |             |
| 1-18                        | AF-1-18-PK      | 6.35       | 38.00       | 2                  | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

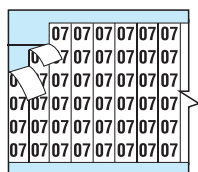


### Consecutive Paired Numbers

Use to mark both ends of wire with the same legend, fast and easy from the same dispenser card.

| Legend                   | Order Reference | Width (mm) | Height (mm) | Sequences per Card | Labels/Card |
|--------------------------|-----------------|------------|-------------|--------------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                 |            |             |                    |             |
| 1-16                     | WM-1-16-DC-PK   | 6.35       | 38.00       | 2                  | 32          |
| 17-32                    | WM-17-32-DC-PK  | 6.35       | 38.00       | 2                  | 32          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

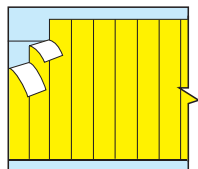


### Suffix Numbers

Use to extend numbering codes or to make up other combinations of numbers or alpha-numeric codes.

| Legend                   | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------------|-----------------|------------|-------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                 |            |             |             |
| 00                       | WM-00-S-PK      | 6.35       | 38.00       | 36          |
| and so on through        |                 |            |             |             |
| 09                       | WM-09-S-PK      | 6.35       | 38.00       | 36          |

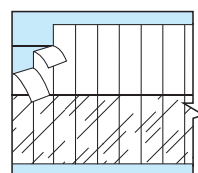
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Solid NEMA Colours

| Colour      | B-500 Vinyl Cloth | B-702 Polyester | Width (mm) | Height (mm) | Labels/Card |
|-------------|-------------------|-----------------|------------|-------------|-------------|
| Red         | WM-COL-RD-PK      | TWM-COL-RD-PK   | 6.35       | 38.00       | 36          |
| Yellow      | WM-COL-YL-PK      | TWM-COL-YL-PK   | 6.35       | 38.00       | 36          |
| Light Blue  | WM-COL-LB-PK      | TWM-COL-LB-PK   | 6.35       | 38.00       | 36          |
| Dark Blue   | WM-COL-DB-PK      | TWM-COL-DB-PK   | 6.35       | 38.00       | 36          |
| Light Green | WM-COL-LG-PK      | TWM-COL-LG-PK   | 6.35       | 38.00       | 36          |
| Dark Green  | WM-COL-DG-PK      | -               | 6.35       | 38.00       | 36          |
| White       | WM-COL-WT-PK      | TWM-COL-WT-PK   | 6.35       | 38.00       | 36          |
| Black       | WM-COL-BK-PK      | TWM-COL-BK-PK   | 6.35       | 38.00       | 36          |
| Tan         | WM-COL-TN-PK      | TWM-COL-TN-PK   | 6.35       | 38.00       | 36          |
| Brown       | WM-COL-BR-PK      | TWM-COL-BR-PK   | 6.35       | 38.00       | 36          |
| Orange      | WM-COL-OR-PK      | -               | 6.35       | 38.00       | 36          |
| Pink        | WM-COL-PK-PK      | TWM-COL-PK-PK   | 6.35       | 38.00       | 36          |
| Grey        | WM-COL-GY-PK      | -               | 6.35       | 38.00       | 36          |
| Maroon      | WM-COL-MR-PK      | TWM-COL-MR-PK   | 6.35       | 38.00       | 36          |
| Purple      | WM-COL-PL-PK      | -               | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Self-Laminating Write-On Wire Markers

| Order Reference                    | Width (mm) | Height (mm) | Write-on Area Width (mm) | Write-on Area Height (mm) | Labels/Card |
|------------------------------------|------------|-------------|--------------------------|---------------------------|-------------|
| <b>B-292 Self-laminating Vinyl</b> |            |             |                          |                           |             |
| SLHW-250-PK                        | 6.35       | 19.00       | 6.35                     | 9.53                      | 72          |
| SLHW-500-PK                        | 12.54      | 19.00       | 12.54                    | 9.53                      | 36          |
| SLHW-750-PK                        | 19.05      | 19.00       | 19.05                    | 9.53                      | 24          |
| SLFW-250-PK                        | 6.35       | 38.00       | 6.35                     | 19.05                     | 36          |
| SLFW-344-PK                        | 8.74       | 38.00       | 8.74                     | 19.05                     | 26          |
| SLFW-500-PK                        | 12.70      | 38.00       | 12.70                    | 19.05                     | 18          |
| SLFW-750-PK                        | 19.05      | 38.00       | 19.05                    | 19.05                     | 12          |
| SLFW-100-PK                        | 25.40      | 38.00       | 25.40                    | 19.05                     | 9           |

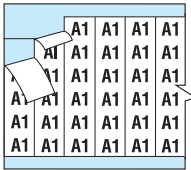
19 mm suitable for cable diameter 4 to 6.5 and 38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.



## WIRE MARKER CARDS

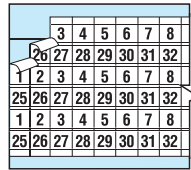
### Solid Letters and Numbers - Conduit Markers



| Legend                   | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------------|-----------------|------------|-------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                 |            |             |             |
| A1                       | WM-A1-PK        | 6.35       | 38.00       | 36          |
| A2                       | WM-A2-PK        | 6.35       | 38.00       | 36          |
| A3                       | WM-A3-PK        | 6.35       | 38.00       | 36          |
| B5                       | WM-B5-PK        | 6.35       | 38.00       | 36          |
| L1                       | WM-L1-PK        | 6.35       | 38.00       | 36          |
| L2                       | WM-L2-PK        | 6.35       | 38.00       | 36          |
| L3                       | WM-L3-PK        | 6.35       | 38.00       | 36          |
| T1                       | WM-T1-PK        | 6.35       | 38.00       | 36          |
| T2                       | WM-T2-PK        | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - Pack contains 25 cards

### Terminal Markers



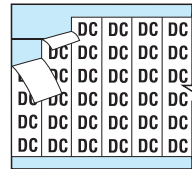
| Legend                   | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------------|-----------------|------------|-------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                 |            |             |             |
| 1-48                     | WM-1-48-TM-PK   | 8.00       | 5.00        | 144         |
| 49-96                    | WM-49-96-TM-PK  | 8.00       | 5.00        | 144         |
| A-Z                      | WM-A-Z-TM-PK    | 8.00       | 5.00        | 156         |

Terminal Markers have no "I" or "O" - 38 mm suitable for cable diameter < 12 mm  
- Pack contains 25 cards

### Solid Symbols - Miscellaneous

| Legend                   | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------------|-----------------|------------|-------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                 |            |             |             |
| 24V                      | WM-24V-PK       | 9.14       | 38.00       | 25          |
| AC                       | WM-AC-PK        | 6.35       | 38.00       | 36          |
| DC                       | WM-DC-PK        | 6.35       | 38.00       | 36          |
| GRD                      | WM-GRD-PK       | 9.14       | 38.00       | 25          |
| ⏏                        | WM-GRS-PK       | 6.35       | 38.00       | 36          |
| -                        | WM-MIN-PK       | 6.35       | 38.00       | 36          |
| +                        | WM-PLS-PK       | 6.35       | 38.00       | 36          |
| <b>B-702 Polyester</b>   |                 |            |             |             |
| -                        | TWM-MIN-PK      | 6.35       | 38.00       | 36          |
| +                        | TWM-PLS-PK      | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - Pack contains 25 cards

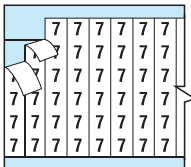


## CABLE MARKER CARDS



Standard 101.6 mm x 228.6 mm cards provide markers for cables, multi-wire circuits, even conductors and tubing in hydraulic systems. Markers are 89 mm long.

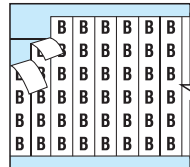
### Solid Numbers



| Legend             | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------|-----------------|------------|-------------|-------------|
| <b>B-708 Vinyl</b> |                 |            |             |             |
| 0                  | CAB-0-PK        | 12.70      | 89.00       | 18          |
| 1                  | CAB-1-PK        | 12.70      | 89.00       | 18          |
| 2                  | CAB-2-PK        | 12.70      | 89.00       | 18          |
| 3                  | CAB-3-PK        | 12.70      | 89.00       | 18          |
| 4                  | CAB-4-PK        | 12.70      | 89.00       | 18          |
| 5                  | CAB-5-PK        | 12.70      | 89.00       | 18          |
| 6                  | CAB-6-PK        | 12.70      | 89.00       | 18          |
| 7                  | CAB-7-PK        | 12.70      | 89.00       | 18          |
| 8                  | CAB-8-PK        | 12.70      | 89.00       | 18          |
| 9                  | CAB-9-PK        | 12.70      | 89.00       | 18          |

Pack contains 25 cards

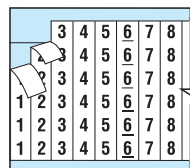
### Solid Letters



| Legend             | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------|-----------------|------------|-------------|-------------|
| <b>B-708 Vinyl</b> |                 |            |             |             |
| A                  | CAB-A-PK        | 12.70      | 89.00       | 18          |
| B                  | CAB-B-PK        | 12.70      | 89.00       | 18          |
| C                  | CAB-C-PK        | 12.70      | 89.00       | 18          |
| D                  | CAB-D-PK        | 12.70      | 89.00       | 18          |
| E                  | CAB-E-PK        | 12.70      | 89.00       | 18          |
| F                  | CAB-F-PK        | 12.70      | 89.00       | 18          |
| N                  | CAB-N-PK        | 12.70      | 89.00       | 18          |

Pack contains 25 cards

### Consecutive Numbers



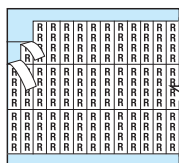
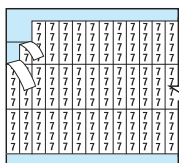
| Legend             | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|--------------------|-----------------|------------|-------------|-------------|
| <b>B-708 Vinyl</b> |                 |            |             |             |
| 1-9                | CAB-1-9-PK      | 12.70      | 89.00       | 18          |

Two sets of legends per card - Pack contains 25 cards

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## MINIATURE WIRE MARKER CARDS

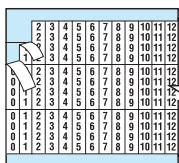
### Solid Numbers, Solid letters



| Legend            | Order Reference   | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|-------------------|------------|-------------|--------------|
| B-702 Polyester   |                   |            |             |              |
| 0                 | TMM-0-PK          | 4.35       | 12.70       | 150          |
| 1                 | TMM-1-PK          | 4.35       | 12.70       | 150          |
| 2                 | TMM-2-PK          | 4.35       | 12.70       | 150          |
| 3                 | TMM-3-PK          | 4.35       | 12.70       | 150          |
| and so on through | and so on through | —          | —           |              |
| 40                | TMM-40-PK         | 4.35       | 12.70       | 150          |
| A                 | TMM-A-PK          | 4.35       | 12.70       | 150          |
| B                 | TMM-B-PK          | 4.35       | 12.70       | 150          |
| C                 | TMM-C-PK          | 4.35       | 12.70       | 150          |
| and so on through | and so on through | —          | —           |              |
| Z                 | TMM-Z-PK          | 4.35       | 12.70       | 150          |

Pack contains 25 cards

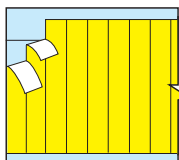
### Consecutive Numbers



| Legend          | Order Reference | Width (mm) | Height (mm) | Quantity of Each Number per Card | Labels/ Card |
|-----------------|-----------------|------------|-------------|----------------------------------|--------------|
| B-702 Polyester |                 |            |             |                                  |              |
| 0-49            | TMM-0-49-PK     | 4.35       | 12.70       | 3                                | 150          |
| 50-99           | TMM-50-99-PK    | 4.35       | 12.70       | 3                                | 150          |
| 100-132         | TMM-100-132-PK  | 4.35       | 12.70       | 3                                | 99           |
| 133-165         | TMM-133-165-PK  | 4.35       | 12.70       | 3                                | 99           |
| 166-198         | TMM-166-198-PK  | 4.35       | 12.70       | 3                                | 99           |
| 199-231         | TMM-199-231-PK  | 4.35       | 12.70       | 3                                | 99           |
| 232-264         | TMM-232-264-PK  | 4.35       | 12.70       | 3                                | 99           |
| 265-297         | TMM-265-297-PK  | 4.35       | 12.70       | 3                                | 99           |
| 298-330         | TMM-298-330-PK  | 4.35       | 12.70       | 3                                | 99           |
| 331-363         | TMM-331-363-PK  | 4.35       | 12.70       | 3                                | 99           |
| 364-396         | TMM-364-396-PK  | 4.35       | 12.70       | 3                                | 99           |
| 397-429         | TMM-397-429-PK  | 4.35       | 12.70       | 3                                | 99           |
| 430-462         | TMM-430-462-PK  | 4.35       | 12.70       | 3                                | 99           |
| 463-495         | TMM-463-495-PK  | 4.35       | 12.70       | 3                                | 99           |

Pack contains 25 cards

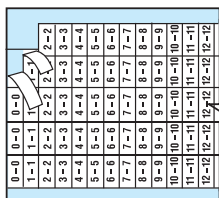
### Solid Nema Colours



| Colour          | Order Reference | Width (mm) | Height (mm) | Labels/Card |
|-----------------|-----------------|------------|-------------|-------------|
| B-702 Polyester |                 |            |             |             |
| Red             | TMM-COL-RD-PK   | 6.35       | 12.70       | 108         |
| Yellow          | TMM-COL-YL-PK   | 6.35       | 12.70       | 108         |
| Light Blue      | TMM-COL-LB-PK   | 6.35       | 12.70       | 108         |
| Dark Blue       | TMM-COL-DB-PK   | 6.35       | 12.70       | 108         |
| Light Green     | TMM-COL-LG-PK   | 6.35       | 12.70       | 108         |
| Dark Green      | TMM-COL-DG-PK   | 6.35       | 12.70       | 108         |
| White           | TMM-COL-WT-PK   | 6.35       | 12.70       | 108         |
| Black           | TMM-COL-BK-PK   | 6.35       | 12.70       | 108         |
| Tan             | TMM-COL-TN-PK   | 6.35       | 12.70       | 108         |
| Brown           | TMM-COL-BR-PK   | 6.35       | 12.70       | 108         |
| Orange          | TMM-COL-OR-PK   | 6.35       | 12.70       | 108         |
| Pink            | TMM-COL-PK-PK   | 6.35       | 12.70       | 108         |
| Grey            | TMM-COL-GY-PK   | 6.35       | 12.70       | 108         |
| Maroon          | TMM-COL-MR-PK   | 6.35       | 12.70       | 108         |
| Olive           | TMM-COL-OL-PK   | 6.35       | 12.70       | 108         |
| Purple          | TMM-COL-PL-PK   | 6.35       | 12.70       | 108         |

Pack contains 25 cards

## MICRO MARKER CARDS



For identification of fine wire (Diameter 0.6 mm and smaller); resists continuous heat to 100° C. Only 56 micron thick. Two numbers on each marker, 250 markers on zip-strip dispenser card. Application tool included in each package.

### Solid Numbers

| Legend            | Order Reference   | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|-------------------|------------|-------------|--------------|
| B-702 Polyester   |                   |            |             |              |
| 0                 | TMXM-0-PK         | 2.54       | 7.95        | 250          |
| 1                 | TMXM-1-PK         | 2.54       | 7.95        | 250          |
| 2                 | TMXM-2-PK         | 2.54       | 7.95        | 250          |
| 3                 | TMXM-3-PK         | 2.54       | 7.95        | 250          |
| 5                 | TMXM-5-PK         | 2.54       | 7.95        | 250          |
| and so on through | and so on through | —          | —           |              |
| 13                | TMXM-13-PK        | 2.54       | 7.95        | 250          |

Pack contains 25 cards

### Consecutive Numbers Repeated

| Legend          | Order Reference | Width (mm) | Height (mm) | Sequences per Card | Labels/ Card |
|-----------------|-----------------|------------|-------------|--------------------|--------------|
| B-702 Polyester |                 |            |             |                    |              |
| 0-49            | TMXM-0-49-PK    | 2.54       | 7.95        | 5                  | 250          |
| 50-99           | TMXM-50-99-PK   | 2.54       | 7.95        | 5                  | 250          |
| 1-5             | TMXM-1-5-PK     | 2.54       | 7.95        | 50                 | 250          |
| 1-10            | TMXM-1-10-PK    | 2.54       | 7.95        | 25                 | 250          |
| 1-25            | TMXM-1-25-PK    | 2.54       | 7.95        | 10                 | 250          |

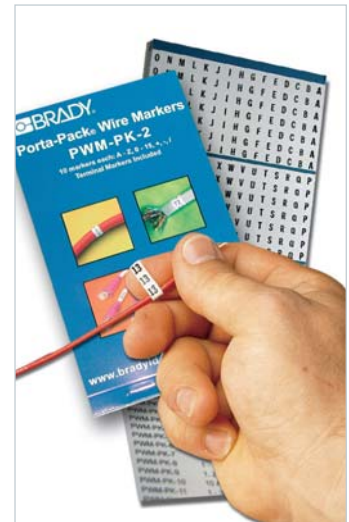
Pack contains 25 cards

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## PORTA PACK BOOKS

- Ten pages per book.
- Unique comb design allows for easy refill of book.
- Slim, lightweight, pocket-sized book is easy to carry and easy to use.
- Large selection of legends available. 15 different books and over 250 different refill packs.
- Numbers, letters, special symbols and NEMA colours.
- Includes terminal marker with each wire marker.

| Legend                                          | Order Reference | Markers each Legend                                                        |
|-------------------------------------------------|-----------------|----------------------------------------------------------------------------|
| <b>B-500 Vinyl Cloth</b>                        |                 |                                                                            |
| 0-9                                             | PWM-PK-1        | 45                                                                         |
| A-Z, 0-15, +, -, /                              | PWM-PK-2        | 10                                                                         |
| 1-45                                            | PWM-PK-3        | 10                                                                         |
| 1, 2, 3                                         | PWM-PK-4        | 150                                                                        |
| A, B, C                                         | PWM-PK-5        | 150                                                                        |
| T1, T2, T3                                      | PWM-PK-6        | 150                                                                        |
| L1, L2, L3                                      | PWM-PK-7        | 150                                                                        |
| 1-15, 16-90, A-Z, +, -, /, 0                    | PWM-PK-8        | 6 of 1 to 15, 4 of 16 to 90, 2 of A to Z, +, -, /, 0                       |
| 1, 2, 3, A, B, C, T1, T2, T3, L1, L2, L3        | PWM-PK-9        | 45 of 1, 2, 3, A, B, C 30 of T1, T2, T3, L1, L2, L3                        |
| 10 different NEMA colours                       | PWM-PK-10       | 45                                                                         |
| 1-30                                            | PWM-PK-11       | 15                                                                         |
| A-Z, Blank, +, -                                | PWM-PK-12       | 15 of A to Z, 18 Blank Write-on, 8 of +, 7 of -                            |
| +, -, AC, DC, POS, NEG, GND, NEUT, SPARE, BLANK | PWM-PK-13       | 45 of +, -, AC, DC, 33 of POS, NEG, GND, NEUT, 21 of Blank Write-on Labels |
| 46-90                                           | PWM-PK-14       | 10                                                                         |
| 1-45, 46-90                                     | PWM-PK-15       | 5                                                                          |



## WRITE-ON SELF-LAMINATING WIRE AND CABLE MARKERS

- Use Brady's labelling pens or other markers to write on legend.
- Transparent part over-wraps provide snug fitting, self-laminating shield that resists oil, water and solvents.
- For applications above or below ground.

| Order Reference                    | Width (mm) | Height (mm) | Write-on Area Width (mm) | Write-on Area Height (mm) | Markers per Book | Max. Wire Diameter (mm) |
|------------------------------------|------------|-------------|--------------------------|---------------------------|------------------|-------------------------|
| <b>B-292 Self-laminating Vinyl</b> |            |             |                          |                           |                  |                         |
| PWS-PK-14                          | 12.70      | 38.00       | 12.70                    | 19.05                     | 180              | 6.00                    |
| PWC-PK-1                           | 19.05      | 44.45       | 19.05                    | 12.70                     | 120              | 10.00                   |
| PWC-PK-3                           | 25.40      | 76.20       | 25.40                    | 19.05                     | 60               | 18.00                   |
| PWC-PK-6                           | 25.40      | 152.40      | 25.40                    | 25.40                     | 30               | 40.00                   |
| PWC-PK-36*                         | 25.40      | —           | 25.40                    | 25.40                     | 45               | 40.00                   |

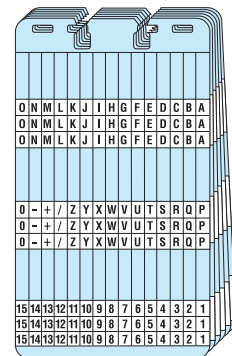
\*Book Supplied with 30 markers size 25.40 x 76.20 and 15 markers 25.40 x 152.40. 5 sheets with 6 markers + 5 sheets of 3 markers.



## SELF-LAMINATING WIRE MARKERS

- Ten pages per book.
- Same as above but with printed legends

| Legend                             | Order Reference | Markers each Legend | Markers per Book | Max. Wire Diameter (mm) |
|------------------------------------|-----------------|---------------------|------------------|-------------------------|
| <b>B-292 Self-laminating Vinyl</b> |                 |                     |                  |                         |
| 0-9                                | PWS-PK-1        | 45                  | 450              | 12.00                   |
| A-Z, 0-15, +, -, /                 | PWS-PK-2        | 10                  | 450              | 12.00                   |
| 1-45                               | PWS-PK-3        | 10                  | 450              | 12.00                   |



## LABELLING PENS

Brady's labelling pens use a quick drying, permanent ink. The ink is specially formulated to resist oil, solvents, abrasion and fading.

| Order Ref. | Colour | Description                      | Quantity |
|------------|--------|----------------------------------|----------|
| MP-1       | Black  | Pen - Fine (solvent based)       | 1        |
| MP-2       | Black  | Pen - Ultra Fine (solvent based) | 1        |
| BFS-05     | Black  | Pen - Fine                       | 1        |
| BFS-10     | Black  | Pen - Ultra Fine                 | 1        |



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

# Pre-Printed Wire Markers

## CLIPSLEEVE™ WIRE MARKERS



Sizes 03 to 18 are supplied on wands with 30 sleeves per wand, 10 wands to a package. Sizes larger than 18 are packed 50 individual pieces per package.

**Combination Packs:** Prefix SCNC Contains 10 wands, one wand each of numbers 0 to 9.

**Alpha Packs:** Contains 13 wands, one wand each of A to M or N to Z. (e.g. SCN-07-A-M).

**Note:** Alpha packs are not available for SCN-03, -05, -23, -36, -45 or -61.

**Applier Wands:** Separate wands for applying Size 23 and Size 36 ClipSleeve™ markers are available in packages of 5 wands. Specify SCN-23-WANDS for Size 23 and SCN-36-WANDS for Size 36.

- Markers apply quickly with a special QuikWand™ applicator.
- Place the flared "shoe" end of the wand against the wire and push sleeve onto the wire.
- Split sleeve with "chevron" locking design snaps on the wire, won't slip or slide.
- Colour Coding Aids Users: Brady ClipSleeve™ applicator wands are colour coded for easy identification of sleeve sizes.

### Preprinted Black on White

| Min/Max Wire Diameter (mm)<br>Legend | 1.00 - 1.30<br>Order Reference | 1.40 - 1.80<br>Order Reference | 1.90 - 2.40<br>Order Reference | 2.50 - 3.00<br>Order Reference | 2.80 - 3.30<br>Order Reference | 3.40 - 3.80<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 0                                    | SCN-03-0                       | SCN-05-0                       | SCN-07-0                       | SCN-09-0                       | SCN-10-0                       | SCN-13-0                       |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              |
| 9                                    | SCN-03-9                       | SCN-05-9                       | SCN-07-9                       | SCN-09-9                       | SCN-10-9                       | SCN-13-9                       |
| 0-9                                  | SCNC-03-0-9                    | SCNC-05-0-9                    | SCNC-07-0-9                    | SCNC-09-0-9                    | SCNC-10-0-9                    | SCNC-13-0-9                    |
| A                                    | SCN-03-A                       | SCN-05-A                       | SCN-07-A                       | SCN-09-A                       | SCN-10-A                       | SCN-13-A                       |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              |
| Z                                    | SCN-03-Z                       | SCN-05-Z                       | SCN-07-Z                       | SCN-09-Z                       | SCN-10-Z                       | SCN-13-Z                       |
| A-M                                  | -                              | -                              | SCNC-07-A-M                    | SCNC-09-A-M                    | SCNC-10-A-M                    | SCNC-13-A-M                    |
| N-Z                                  | -                              | -                              | SCNC-07-N-Z                    | SCN-09-N-Z                     | SCNC-10-N-Z                    | SCNC-13-N-Z                    |
| +                                    | SCN-03-PLUS                    | SCN-05-PLUS                    | SCN-07-PLUS                    | SCN-09-PLUS                    | SCN-10-PLUS                    | SCN-13-PLUS                    |
| -                                    | SCN-03-MINUS                   | SCN-05-MINUS                   | SCN-07-MINUS                   | SCN-09-MINUS                   | SCN-10-MINUS                   | SCN-13-MINUS                   |
| /                                    | SCN-03-DIAGONAL                | -                              | SCN-07-DIAGONAL                | SCN-09-DIAGONAL                | SCN-10-DIAGONAL                | SCN-13-DIAGONAL                |
| Full Stop                            | SCN-03-PUNC                    | SCN-05-PUNC                    | SCN-07-PUNC                    | SCN-09-PUNC                    | SCN-10-PUNC                    | SCN-13-PUNC                    |
| Earth/Ground Symbol                  | SCN-03-GRS                     | SCN-05-GRS                     | SCN-07-GRS                     | SCN-09-GRS                     | SCN-10-GRS                     | SCN-13-GRS                     |
| Quantity / Package                   | 300                            | 300                            | 300                            | 300                            | 300                            | 300                            |
| Wand Colour                          | Maroon                         | Grey                           | Light Blue                     | Green                          | Red                            | Dark Blue                      |

| Min/Max Wire Diameter (mm)<br>Legend | 3.90 - 4.50<br>Order Reference | 4.70 - 5.80<br>Order Reference | 5.90 - 8.50<br>Order Reference | 8.60 - 11.10<br>Order Reference | 11.20 - 15.00<br>Order Reference | 15.10 - 19.00<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 0                                    | SCN-15-0                       | SCN-18-0                       | SCN-23-0                       | SCN-36-0                        | SCN-45-0                         | SCN-61-0                         |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through               | and so on through                | and so on through                |
| 9                                    | SCN-15-9                       | SCN-18-9                       | SCN-23-9                       | SCN-36-9                        | SCN-45-9                         | SCN-61-9                         |
| 0-9                                  | SCNC-15-0-9                    | SCNC-18-0-9                    | SCNC-23-0-9                    | -                               | -                                | -                                |
| A                                    | SCN-15-A                       | SCN-18-A                       | SCN-23-A                       | SCN-36-A                        | SCN-45-A                         | SCN-61-A                         |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through               | and so on through                | and so on through                |
| Z                                    | SCN-15-Z                       | SCN-18-Z                       | SCN-23-Z                       | SCN-36-Z                        | SCN-45-Z                         | SCN-61-Z                         |
| A-M                                  | SCNC-15-A-M                    | SCNC-18-A-M                    | -                              | -                               | -                                | -                                |
| N-Z                                  | SCNC-15-N-Z                    | SCNC-18-N-Z                    | -                              | -                               | -                                | -                                |
| +                                    | SCN-15-PLUS                    | SCN-18-PLUS                    | SCN-23-PLUS                    | SCN-36-PLUS                     | SCN-45-PLUS                      | SCN-61-PLUS                      |
| -                                    | SCN-15-MINUS                   | SCN-18-MINUS                   | SCN-23-MINUS                   | SCN-36-MINUS                    | SCN-45-MINUS                     | SCN-61-MINUS                     |
| /                                    | SCN-15-DIAGONAL                | SCN-18-DIAGONAL                | SCN-23-DIAGONAL                | SCN-36-DIAGONAL                 | SCN-45-DIAGONAL                  | SCN-61-DIAGONAL                  |
| Full Stop                            | SCN-15-PUNC                    | SCN-18-PUNC                    | -                              | SCN-36-PUNC                     | SCN-45-PUNC                      | -                                |
| Earth/Ground Symbol                  | SCN-15-GRS                     | SCN-18-GRS                     | SCN-23-GRS                     | SCN-36-GRS                      | SCN-45-GRS                       | SCN-61-GRS                       |
| Quantity / Package                   | 300                            | 300                            | 50                             | 50                              | 50                               | 50                               |
| Wand Colour                          | Brown                          | Yellow                         | -                              | -                               | -                                | -                                |

### Blank on Coloured Background

| Min/Max Wire Diameter (mm)<br>Colour | 1.00 - 1.30<br>Order Reference | 1.40 - 1.80<br>Order Reference | 1.90 - 2.40<br>Order Reference | 2.50 - 3.00<br>Order Reference | 2.80 - 3.30<br>Order Reference | 3.40 - 3.80<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Black                                | SCN-03-BLACK                   | SCN-05-BLACK                   | SCN-07-BLACK                   | SCN-09-BLACK                   | SCN-10-BLACK                   | SCN-13-BLACK                   |
| Blue                                 | SCN-03-BLUE                    | SCN-05-BLUE                    | SCN-07-BLUE                    | SCN-09-BLUE                    | SCN-10-BLUE                    | SCN-13-BLUE                    |
| Green                                | SCN-03-GREEN                   | SCN-05-GREEN                   | SCN-07-GREEN                   | SCN-09-GREEN                   | SCN-10-GREEN                   | SCN-13-GREEN                   |
| Red                                  | SCN-03-RED                     | SCN-05-RED                     | SCN-07-RED                     | SCN-09-RED                     | SCN-10-RED                     | SCN-13-RED                     |
| White                                | SCN-03-WHITE                   | SCN-05-WHITE                   | SCN-07-WHITE                   | SCN-09-WHITE                   | SCN-10-WHITE                   | SCN-13-WHITE                   |
| Yellow                               | SCN-03-YELLOW                  | SCN-05-YELLOW                  | SCN-07-YELLOW                  | SCN-09-YELLOW                  | SCN-10-YELLOW                  | SCN-13-YELLOW                  |
| Quantity / Package                   | 300                            | 300                            | 300                            | 300                            | 300                            | 300                            |

| Min/Max Wire Diameter (mm)<br>Colour | 3.90 - 4.50<br>Order Reference | 4.70 - 5.80<br>Order Reference | 5.90 - 8.50<br>Order Reference | 8.60 - 11.10<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Black                                | SCN-15-BLACK                   | SCN-18-BLACK                   | -                              | -                               |
| Blue                                 | SCN-15-BLUE                    | SCN-18-BLUE                    | -                              | -                               |
| Green                                | SCN-15-GREEN                   | SCN-18-GREEN                   | SCN-23-GREEN                   | -                               |
| Red                                  | SCN-15-RED                     | SCN-18-RED                     | SCN-23-RED                     | -                               |
| White                                | SCN-15-WHITE                   | SCN-18-WHITE                   | SCN-23-WHITE                   | SCN-36-White                    |
| Yellow                               | SCN-15-YELLOW                  | SCN-18-YELLOW                  | SCN-23-YELLOW                  | -                               |
| Quantity / Package                   | 300                            | 300                            | 50                             | 50                              |





## PERMASLEEVE™ WIRE MARKING SLEEVES

PERMANENT HEAT SHRINK WIRE IDENTIFICATION.

Brady's non-adhesive, printable heat shrink wire marking sleeves fit snugly around wires or cables for maximum insulation protection and permanent identification. Brady's heat shrink sleeving is a full-circle design that provides fast and permanent wire marking. Clear, legible text can be printed on the wire and cable sleeving with a Brady printer for reliable wire identification.

Brady heat shrink sleeving materials excel in extreme environments, including temperature fluctuations and environments that require abrasion and chemical resistance. Brady offers a variety of materials available to print using thermal transfer and dot matrix printers.



## PermaSleeve™ Heat Shrinkable Wire Marking Sleeves Comparison Guide

Use the following table to help determine which PermaSleeve™ Heat-Shrinkable Wire Marking Sleeves are right for your application. Then reference the following pages for more information and all available catalogue number.

| Material                                                                                               | Product Category              | Product Name Prefix                                                          | Available Colours*                                                        | Liner Platform                | Shrink Ratio           | Performance Attributes                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B-342 PermaSleeve™ Polyolefin Wire Marking Sleeves</b><br>(see page 147)                            | Industrial/<br>Military Grade | PS: Single-Sided<br>3PS: Double-Sided<br>Example: 3PS-187-2-WT               | Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow | Durable Paper Cardstock Liner | 3:1                    |                                                                                         |
| <b>B-345 PermaSleeve™ PVDF High Temperature Wire Marking Sleeves</b><br>(see page 153)                 | High-Temperature              | 2HT: Double-Sided<br>Example: 2HT-187-2-WT-S                                 | Black, Blue, Pink, White, Yellow                                          | Durable Paper Cardstock Liner | 2:1<br>(3:1 for 3/32") |    |
| <b>B-7641 PermaSleeve™ ZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves</b><br>(see page 155) | Low Smoke<br>Zero Halogen     | LSZH: Single-Sided<br>2LSZH: Double-Sided<br>Example: 2ZH-187-2-WT           | White, Yellow                                                             | Durable Paper Cardstock Liner | 2:1                    |                                                                                                                                                                              |
| <b>B-7642 PermaSleeve™ HX Self-Extinguishing Polyolefin Wire Marking Sleeves</b><br>(see page 158)     | Industrial/<br>Military Grade | HX: Single-Sided<br>2HX: Double-Sided<br>Example: 2HX-187-2-WT               | Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow | Durable Paper Cardstock Liner | 2:1                    |    |
| <b>B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves</b><br>(see page 162)          | Industrial/<br>Military Grade | 3:1DPS: Double-Sided<br>3DPS: Double-Sided<br>Example: 3DPS-4.8x50mm-B7646YL | Yellow                                                                    | Durable Paper Cardstock Liner | 3:1                    | -                                                                                                                                                                                                                                                                 |

\*Some colours available only as special order

## Printer Compatibility

Printer compatibility for PermaSleeve™ Wire Marking Sleeves varies by catalogue number. Please see the following pages to find printer compatibility for each specific PermaSleeve™ Wire Marking Sleeve material.



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## How to Select a Wire Marker

There are four main questions to ask yourself when you're starting the process of marking wires. These questions will help you select a wire marker that best suits your needs.

### 1. Are you marking the wire after termination?

Sleeve markers can only be used before termination because they must be slipped over the open end of the wire. These non-adhesive markers provide flexibility as they can be moved prior to being heat-shrunk. Once shrunk, these markers fit snugly around wires for permanent identification which will stand up to harsh environments.

### 2. What size of wire are you marking?

The diameter of the wire determines the size of the sleeve or the height of the label to be used.

### 3. Will you print your own markers or purchase preprinted ones?

Preprinted markers are available in a large variety of stock legends, and custom legends are available for any large jobs. These markers come in a variety of packaging and formats for ease of use and ease of transport. They are ideal for any application.

Printable markers are meant to be printed with variable legends as needed. Various methods for this include: portable wire marking printers or computer software linked to thermal transfer, dot matrix or laser-printers. An extensive array of sizes are available for every application. These printable markers offer the flexibility of printing legends on demand. They are also ideal for applications that require long legends.

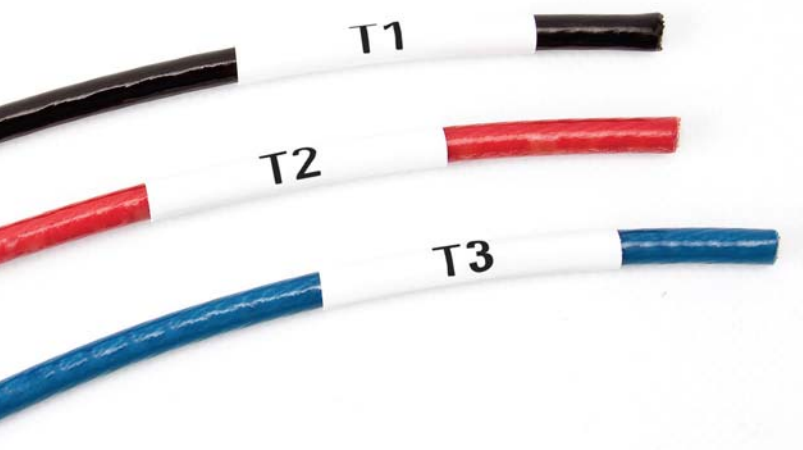
### 4. In what type of environment will these wire markers be placed?

It is extremely important to select a wire marker material that will last for your application. Too many companies go to the trouble of marking only to have to do it all again because they did not select the correct material. Be sure to ask yourself these questions before you select your wire marker:

## How to Select a Marker Size

Brady offers a variety of marker sizes for your wire marking needs. Please view the chart listed below to assist you in choosing the minimum recommended flattened sleeve height for the wire or cable that you are identifying.

| Sleeve code                                                                 | Flattened Sleeve Height (mm) | Max. Wire/Cable Diameter (mm) | Min. Wire/Cable Diameter (mm) |
|-----------------------------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves</b>                |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 0.58                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.17                          |
| 187                                                                         | 8.50                         | 3.81                          | 1.57                          |
| 250                                                                         | 11.15                        | 5.46                          | 2.39                          |
| 375                                                                         | 16.40                        | 8.13                          | 3.18                          |
| 500                                                                         | 21.60                        | 11.43                         | 4.75                          |
| 750                                                                         | 31.80                        | 17.78                         | 6.35                          |
| 1000                                                                        | 42.16                        | 24.13                         | 9.53                          |
| 1500                                                                        | 61.80                        | 36.83                         | 12.70                         |
| <b>B-345 PermaSleeve™ HT High Temperature PVDF Wire Marking Sleeves</b>     |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.00                          | 0.60                          |
| 125                                                                         | 6.00                         | 2.80                          | 1.20                          |
| 187                                                                         | 8.50                         | 3.80                          | 1.60                          |
| 250                                                                         | 11.15                        | 5.50                          | 2.40                          |
| 375                                                                         | 16.40                        | 8.10                          | 3.20                          |
| 500                                                                         | 21.60                        | 11.40                         | 4.80                          |
| 750                                                                         | 31.80                        | 17.80                         | 6.60                          |
| 1000                                                                        | 42.16                        | 24.10                         | 11.40                         |
| 1500                                                                        | 61.80                        | 36.80                         | 12.70                         |
| <b>B-7641 PermaSleeve™ LSZH Low Smoke Zero Halogen Wire Marking Sleeves</b> |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 1.19                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.57                          |
| 187                                                                         | 8.50                         | 3.83                          | 2.39                          |
| 250                                                                         | 11.15                        | 5.46                          | 3.17                          |
| 375                                                                         | 16.40                        | 8.13                          | 4.77                          |
| 500                                                                         | 21.60                        | 11.43                         | 6.35                          |
| 750                                                                         | 31.40                        | 17.78                         | 9.52                          |
| 1000                                                                        | 42.16                        | 24.13                         | 11.43                         |
| 1500                                                                        | 61.80                        | 35.56                         | 19.05                         |
| 2000                                                                        | 80.40                        | 48.26                         | 25.40                         |
| <b>B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves</b>               |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 1.19                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.57                          |
| 187                                                                         | 8.50                         | 3.83                          | 2.39                          |
| 250                                                                         | 11.15                        | 5.46                          | 3.17                          |
| 375                                                                         | 16.40                        | 8.13                          | 4.77                          |
| 500                                                                         | 21.60                        | 11.43                         | 6.35                          |
| 750                                                                         | 31.40                        | 17.78                         | 9.52                          |
| 1000                                                                        | 42.16                        | 24.13                         | 11.43                         |
| 1500                                                                        | 61.80                        | 35.56                         | 19.05                         |
| 2000                                                                        | 80.40                        | 48.26                         | 25.40                         |
| <b>B-7646 PermaSleeve™ Diesel Resistant Wire Marking Sleeves</b>            |                              |                               |                               |
| 2.4x50                                                                      | 4.80                         | 2.40                          | 0.80                          |
| 3.2x50                                                                      | 6.60                         | 3.20                          | 1.20                          |
| 4.8x50                                                                      | 9.20                         | 4.80                          | 1.50                          |
| 6.4x50                                                                      | 11.25                        | 6.40                          | 1.80                          |
| 9.5x50                                                                      | 16.50                        | 9.50                          | 3.00                          |
| 12.7x50                                                                     | 20.80                        | 12.70                         | 3.80                          |
| 19.1x50                                                                     | 31.20                        | 19.10                         | 6.00                          |
| 25.4x50                                                                     | 41.00                        | 25.40                         | 8.00                          |
| 38.1x50                                                                     | 63.00                        | 38.10                         | 18.00                         |



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection.

These fade-resistant and flame retardant sleeves have an operating temperature of -55°C to +130°C (-67°F to +275°F).

Performance Attributes:



### How to read your PermaSleeve™ order reference

Example order reference:

**3PS - 187 - 2 - WT - S - 4**  
 Product      Diameter      Width      Colour      Roll Size      Pieces  
 ———— Optional ————

#### Order reference components of B-342 PermaSleeve™ PS Wire Marking Sleeves:

| Product Type                       |
|------------------------------------|
| PS = Single Sided Printing, B-342  |
| 3PS = Double Sided Printing, B-342 |

| Sleeve Diameter                                        |
|--------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 0.58mm - 2.03mm    |
| 125 = 1/8" size fits wire diameter 1.17mm - 2.79mm     |
| 187 = 3/16" size fits wire diameter 1.57mm - 3.81mm    |
| 250 = 1/4" size fits wire diameter 2.39mm - 5.46mm     |
| 375 = 3/8" size fits wire diameter 3.18mm - 8.13mm     |
| 500 = 1/2" size fits wire diameter 4.75mm - 11.43mm    |
| 750 = 3/4" size fits wire diameter 6.35mm - 17.78mm    |
| 1000 = 1" size fits wire diameter 9.53mm - 24.13mm     |
| 1500 = 1 1/2" size fits wire diameter 12.7mm - 36.83mm |

| Sleeve Width  |
|---------------|
| 150 = 38.10mm |
| 2 = 50.80mm   |

| Sleeve Colour                                             |
|-----------------------------------------------------------|
| BK = Black      GR = Green      PK = Pink      WT = White |
| BL = Blue      GY = Gray      RD = Red      YL = Yellow   |
| BR = Brown      OR = Orange      VT = Violet              |

| Optional: Roll Size                                                       |
|---------------------------------------------------------------------------|
| If sleeve diameter is 094–250:<br>Standard = 2,500      Small ("S") = 500 |
| If sleeve diameter is 375:<br>Standard = 1,000      Small ("S") = 250     |
| If sleeve diameter is 500:<br>Standard = 500      Small ("S") = 250       |
| If sleeve diameter is 750–1500:<br>Standard = 250      Small ("S") = 100  |

| Optional: Pieces Per Sleeve                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces.<br>Example: PS-094-150-WT-2 This "2" means that this 38.10mm sleeve is slit into two 19.05mm pieces |
| Available options: 2, 3, or 4 pieces.                                                                                                                                                    |

**Recommended Ribbon Series:** R4300, R6600, R6700 (with black sleeves) Series

**Recommended Printer Series:** BradyPrinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Single-sided Printable, 38.10 mm width



Use the table below to browse all available single-sided printing, 38.10 mm width B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves.

| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| PS-094-150-WT     | White  | 0.58                    | 2.03                    | 4.60               | 38.10             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| PS-094-150-WT-2   | White  | 0.58                    | 2.03                    | 4.60               | 19.05             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| PS-094-150-WT-4   | White  | 0.58                    | 2.03                    | 4.60               | 9.53              | 12.70                | 4               | 2500             | 10000                   | R6600         |
| PS-094-150-WT-S   | White  | 0.58                    | 2.03                    | 4.60               | 38.10             | 12.70                | 1               | 500              | 500                     | R6600         |
| PS-094-150-WT-S-3 | White  | 0.58                    | 2.03                    | 4.60               | 12.70             | 12.70                | 3               | 500              | 1500                    | R6600         |
| PS-094-150-WT-S-4 | White  | 0.58                    | 2.03                    | 4.60               | 9.53              | 12.70                | 4               | 500              | 2000                    | R6600         |
| PS-125-150-WT     | White  | 1.17                    | 2.79                    | 6.00               | 38.10             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| PS-125-150-WT-2   | White  | 1.17                    | 2.79                    | 6.00               | 19.05             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| PS-125-150-WT-3   | White  | 1.17                    | 2.79                    | 6.00               | 12.70             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| PS-125-150-WT-S   | White  | 1.17                    | 2.79                    | 6.00               | 38.10             | 12.70                | 1               | 500              | 500                     | R6600         |
| PS-125-150-WT-S-2 | White  | 1.17                    | 2.79                    | 6.00               | 19.05             | 12.70                | 2               | 500              | 1000                    | R6600         |
| PS-125-150-WT-S-3 | White  | 1.17                    | 2.79                    | 6.00               | 12.70             | 12.70                | 3               | 500              | 1500                    | R6600         |
| PS-187-150-WT     | White  | 1.57                    | 3.81                    | 8.50               | 38.10             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| PS-187-150-WT-2   | White  | 1.57                    | 3.81                    | 8.50               | 19.05             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| PS-187-150-WT-3   | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| PS-187-150-WT-S   | White  | 1.57                    | 3.81                    | 8.50               | 38.10             | 15.88                | 1               | 500              | 500                     | R6600         |
| PS-187-150-WT-S-2 | White  | 1.57                    | 3.81                    | 8.50               | 19.05             | 15.88                | 2               | 500              | 1000                    | R6600         |
| PS-187-150-WT-S-3 | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 3               | 500              | 1500                    | R6600         |
| PS-187-150-WT-S-4 | White  | 1.57                    | 3.81                    | 8.50               | 9.53              | 15.88                | 4               | 500              | 2000                    | R6600         |
| PS-250-150-WT     | White  | 2.39                    | 5.46                    | 11.15              | 38.10             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| PS-250-150-WT-2   | White  | 2.39                    | 5.46                    | 11.15              | 19.05             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| PS-250-150-WT-3   | White  | 2.39                    | 5.46                    | 11.15              | 12.70             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| PS-250-150-WT-S   | White  | 2.39                    | 5.46                    | 11.15              | 38.10             | 19.05                | 1               | 500              | 500                     | R6600         |
| PS-250-150-WT-S-2 | White  | 2.39                    | 5.46                    | 11.15              | 19.05             | 19.05                | 2               | 500              | 1000                    | R6600         |
| PS-250-150-WT-S-3 | White  | 2.39                    | 5.46                    | 11.15              | 12.70             | 19.05                | 3               | 500              | 1500                    | R6600         |
| PS-375-150-WT     | White  | 3.18                    | 8.13                    | 16.40              | 38.10             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| PS-375-150-WT-2   | White  | 3.18                    | 8.13                    | 16.40              | 19.05             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| PS-375-150-WT-3   | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| PS-375-150-WT-S   | White  | 3.18                    | 8.13                    | 16.40              | 38.10             | 25.40                | 1               | 250              | 250                     | R6600         |
| PS-375-150-WT-S-2 | White  | 3.18                    | 8.13                    | 16.40              | 19.05             | 25.40                | 2               | 500              | 1000                    | R6600         |
| PS-375-150-WT-S-3 | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 3               | 250              | 750                     | R6600         |
| PS-375-150-WT-S-4 | White  | 3.18                    | 8.13                    | 16.40              | 9.53              | 25.40                | 4               | 250              | 1000                    | R6600         |
| PS-500-150-W-S-2  | White  | 4.75                    | 11.43                   | 21.60              | 19.05             | 31.75                | 2               | 500              | 1000                    | R6600         |
| PS-500-150-WT     | White  | 4.75                    | 11.43                   | 21.60              | 38.10             | 31.75                | 1               | 500              | 500                     | R6600         |
| PS-500-150-WT-S   | White  | 4.75                    | 11.43                   | 21.60              | 38.10             | 31.75                | 1               | 250              | 250                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: PS-094-150-WT becomes PS-094-150-RD

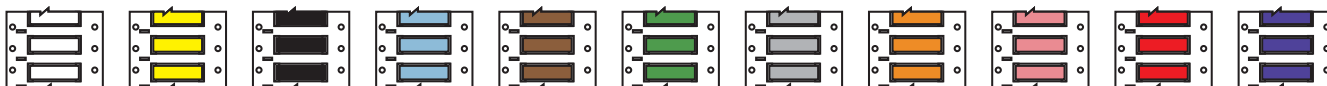
#### Available Colours:

WT = White    BR = Brown    OR = Orange    VT = Violet  
BK = Black    GR = Green    PK = Pink    YL = Yellow  
BL = Blue    GY = Gray    RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-4  
This "4" means that this sleeve is slit into four pieces.





## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Single-sided Printable, 50.80 mm width



Use the table below to browse all available single-sided printing, 50.80 mm width B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves.

| Order Reference                  | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|----------------------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| PS-094-2-WT                      | White  | 0.58                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| PS-094-2-WT-2                    | White  | 0.58                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| PS-094-2-WT-3                    | White  | 0.58                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| PS-094-2-WT-4                    | White  | 0.58                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| PS-094-2-WT-S                    | White  | 0.58                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| PS-094-2-WT-S-2                  | White  | 0.58                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 500              | 1000                    | R6600         |
| PS-094-2-WT-S-3                  | White  | 0.58                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 500              | 1500                    | R6600         |
| PS-094-2-WT-S-4                  | White  | 0.58                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 500              | 2000                    | R6600         |
| PS-125-2-WT                      | White  | 1.17                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| PS-125-2-WT-2                    | White  | 1.17                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| PS-125-2-WT-S                    | White  | 1.17                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| PS-125-2-WT-S-2                  | White  | 1.17                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 500              | 1000                    | R6600         |
| PS-125-2-WT-S-4                  | White  | 1.17                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 500              | 2000                    | R6600         |
| PS-187-2-WT                      | White  | 1.57                    | 3.81                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| PS-187-2-WT-2                    | White  | 1.57                    | 3.81                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| PS-187-2-WT-3                    | White  | 1.57                    | 3.81                    | 8.50               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| PS-187-2-WT-4                    | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| PS-187-2-WT-S                    | White  | 1.57                    | 3.81                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| PS-187-2-WT-S-2                  | White  | 1.57                    | 3.81                    | 8.50               | 25.40             | 15.88                | 2               | 500              | 1000                    | R6600         |
| PS-187-2-WT-S-3                  | White  | 1.57                    | 3.81                    | 8.50               | 16.94             | 15.88                | 3               | 500              | 1500                    | R6600         |
| PS-187-2-WT-S-4                  | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 4               | 500              | 2000                    | R6600         |
| PS-250-2-WT                      | White  | 2.39                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| PS-250-2-WT-2                    | White  | 2.39                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| PS-250-2-WT-3                    | White  | 2.39                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| PS-250-2-WT-4                    | White  | 2.39                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 2500             | 10000                   | R6600         |
| PS-250-2-WT-S                    | White  | 2.39                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| PS-250-2-WT-S-2                  | White  | 2.39                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 500              | 1000                    | R6600         |
| PS-250-2-WT-S-3                  | White  | 2.39                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 500              | 1500                    | R6600         |
| PS-250-2-WT-S-4                  | White  | 2.39                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 500              | 2000                    | R6600         |
| PS-375-2-WT                      | White  | 3.18                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| PS-375-2-WT-2                    | White  | 3.18                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| PS-375-2-WT-3                    | White  | 3.18                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| PS-375-2-WT-4                    | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| PS-375-2-WT-S                    | White  | 3.18                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| PS-375-2-WT-S-2                  | White  | 3.18                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 500              | 1000                    | R6600         |
| PS-375-2-WT-S-3                  | White  | 3.18                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 250              | 750                     | R6600         |
| PS-375-2-WT-S-4                  | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 250              | 1000                    | R6600         |
| PS-500-2-WT                      | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| PS-500-2-WT,BULK (1000 PCS/ROLL) | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 1000             | 1000                    | R6600         |
| PS-500-2-WT,BULK (2500 PCS/ROLL) | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 2500             | 2500                    | R6600         |
| PS-500-2-WT-2                    | White  | 4.75                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| PS-500-2-WT-S                    | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| PS-500-2-WT-S-2                  | White  | 4.75                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| PS-500-2-WT-S-4                  | White  | 4.75                    | 11.43                   | 21.60              | 12.70             | 31.75                | 4               | 250              | 1000                    | R6600         |
| PS-750-2-WT                      | White  | 6.35                    | 17.78                   | 31.80              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| PS-750-2-WT-S                    | White  | 6.35                    | 17.78                   | 31.80              | 50.80             | 41.28                | 1               | 100              | 100                     | R6600         |
| PS-1000-2-WT                     | White  | 9.53                    | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| PS-1000-2-WT-2                   | White  | 9.53                    | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250              | 500                     | R6600         |
| PS-1000-2-WT-S                   | White  | 9.53                    | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 100              | 100                     | R6600         |
| PS-1500-2-WT                     | White  | 12.70                   | 36.83                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |
| PS-1500-2-WT-S                   | White  | 12.70                   | 36.83                   | 61.80              | 50.80             | 76.20                | 1               | 100              | 100                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace “WT” with the abbreviation of the desired colour to order.

Example: PS-094-150-WT becomes PS-094-150-RD

#### Available Colours:

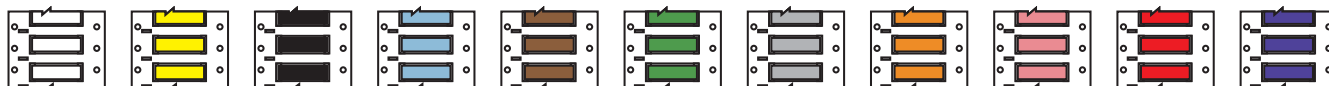
WT = White BR = Brown OR = Orange VT = Violet  
BK = Black GR = Green PK = Pink YL = Yellow  
BL = Blue GY = Gray RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-4

This “4” means that this sleeve is slit into four pieces.



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Double-sided Printable, 50.80 mm width



Use the table below to browse all available double-sided printing, 50.80 mm width B-342 PermaSleeve™ 3PS Polyolefin Wire Marking Sleeves.

| Order Reference  | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 3PS-094-2-WT     | White  | 0.58                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 3PS-094-2-WT-2   | White  | 0.58                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 3PS-094-2-WT-3   | White  | 0.58                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 3PS-094-2-WT-4   | White  | 0.58                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 3PS-094-2-WT-S   | White  | 0.58                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 3PS-094-2-WT-S-2 | White  | 0.58                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 500              | 1000                    | R6600         |
| 3PS-125-2-WT     | White  | 1.17                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 3PS-125-2-WT-2   | White  | 1.17                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 3PS-125-2-WT-3   | White  | 1.17                    | 2.79                    | 6.00               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 3PS-125-2-WT-4   | White  | 1.17                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 3PS-125-2-WT-S   | White  | 1.17                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 3PS-125-2-WT-S-2 | White  | 1.17                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 500              | 1000                    | R6600         |
| 3PS-187-2-WT     | White  | 1.57                    | 3.81                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| 3PS-187-2-WT-2   | White  | 1.57                    | 3.81                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| 3PS-187-2-WT-3   | White  | 1.57                    | 3.81                    | 8.50               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| 3PS-187-2-WT-4   | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| 3PS-187-2-WT-S   | White  | 1.57                    | 3.81                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| 3PS-187-2-WT-S-2 | White  | 1.57                    | 3.81                    | 8.50               | 25.40             | 15.88                | 2               | 500              | 1000                    | R6600         |
| 3PS-187-2-WT-S-4 | White  | 1.57                    | 3.81                    | 8.50               | 12.70             | 15.88                | 4               | 500              | 2000                    | R6600         |
| 3PS-250-2-WT     | White  | 2.39                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| 3PS-250-2-WT-2   | White  | 2.39                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| 3PS-250-2-WT-3   | White  | 2.39                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| 3PS-250-2-WT-4   | White  | 2.39                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 2500             | 10000                   | R6600         |
| 3PS-250-2-WT-S   | White  | 2.39                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| 3PS-250-2-WT-S-2 | White  | 2.39                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 500              | 1000                    | R6600         |
| 3PS-375-2-WT     | White  | 3.18                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| 3PS-375-2-WT-2   | White  | 3.18                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| 3PS-375-2-WT-3   | White  | 3.18                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| 3PS-375-2-WT-4   | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| 3PS-375-2-WT-S   | White  | 3.18                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| 3PS-375-2-WT-S-2 | White  | 3.18                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 250              | 500                     | R6600         |
| 3PS-375-2-WT-S-4 | White  | 3.18                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 250              | 1000                    | R6600         |
| 3PS-500-2-WT     | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| 3PS-500-2-WT-2   | White  | 4.75                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| 3PS-500-2-WT-S   | White  | 4.75                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| 3PS-750-2-WT     | White  | 6.35                    | 17.78                   | 31.80              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| 3PS-750-2-WT-S   | White  | 6.35                    | 17.78                   | 31.80              | 50.80             | 41.28                | 1               | 100              | 100                     | R6600         |
| 3PS-1000-2-WT    | White  | 9.53                    | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| 3PS-1000-2-WT-S  | White  | 9.53                    | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 100              | 100                     | R6600         |
| 3PS-1500-2-WT    | White  | 12.70                   | 36.83                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |
| 3PS-1500-2-WT-S  | White  | 12.70                   | 36.83                   | 61.80              | 50.80             | 76.20                | 1               | 100              | 100                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace “WT” with the abbreviation of the desired colour to order.

Example: PS-094-150-WT becomes PS-094-150-RD

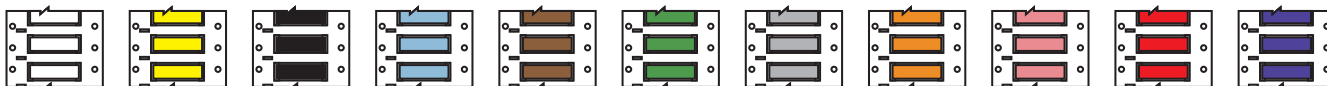
### Available Colours:

WT = White BR = Brown OR = Orange VT = Violet  
BK = Black GR = Green PK = Pink YL = Yellow  
BL = Blue GY = Gray RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-4  
This “4” means that this sleeve is slit into four pieces.



View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-345 PERMASLEEVE™ PVDF HIGH TEMPERATURE WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-345 PermaSleeve™ HT High Temperature PVDF Wire Marking Sleeves are a 2:1 (3/32" is 3:1) heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF and have an operating temperature of -55°C to +225°C (-67°F to +437°F).

### Performance Attributes:



### How to read your PermaSleeve™ order reference

#### Example order reference:

**2HT - 187 - 2 - WT - S**

|         |          |       |        |           |
|---------|----------|-------|--------|-----------|
| Product | Diameter | Width | Colour | Roll Size |
|---------|----------|-------|--------|-----------|

#### Available options for B-345 PermaSleeve® HT Wire Marking Sleeves:

| Product Type                                       |
|----------------------------------------------------|
| Offered in Double Sided Product Format             |
| 3HT = 3:1 Shrink Ratio, 3/32" only, B-345          |
| 2HT = 2:1 Shrink Ratio, 1/8" through 1 1/2", B-345 |

| Sleeve Diameter                                       |
|-------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 0.6mm - 2.0mm     |
| 125 = 1/8" size fits wire diameter 1.2mm - 2.8mm      |
| 187 = 3/16" size fits wire diameter 1.6mm - 3.8mm     |
| 250 = 1/4" size fits wire diameter 2.4mm - 5.5mm      |
| 375 = 3/8" size fits wire diameter 3.2mm - 8.1mm      |
| 500 = 1/2" size fits wire diameter 4.8mm - 11.4mm     |
| 750 = 3/4" size fits wire diameter 6.6mm - 17.8mm     |
| 1000 = 1" size fits wire diameter 11.4mm - 24.1mm     |
| 1500 = 1 1/2" size fits wire diameter 12.7mm - 36.8mm |

| Sleeve Width |
|--------------|
| 2 = 50.80mm  |

| Sleeve Colour |           |             |
|---------------|-----------|-------------|
| WT = White    | BL = Blue | YL = Yellow |
| BK = Black    | PK = Pink |             |

| Roll Size                                                         |                                                                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------|
| Note: Small size is standard.                                     |                                                                    |
| If sleeve diameter is 094–250:<br>Standard Small Size ("S") = 500 | If sleeve diameter is 750–1500:<br>Standard Small Size ("S") = 100 |
| If sleeve diameter is 375–500<br>Standard Small Size ("S") = 250  |                                                                    |

**Recommended Ribbon Series:** R6000, R6600, and R4400 (with black sleeves) Series

**Recommended Printer Series:** BradyPrinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

## B-345 PERMASLEEVE™ PVDF HIGH TEMPERATURE WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

Double-sided Printable, 50.80 mm width



Use the table below to browse all available double-sided printing, 50.80 mm width B-345 PermaSleeve™ HT High Temperature PVDF Wire Marking Sleeves.

| Order Reference | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-----------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 3HT-094-2-WT-S  | White  | 0.60                    | 2.00                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2HT-125-2-WT-S  | White  | 1.20                    | 2.80                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2HT-187-2-WT-S  | White  | 1.60                    | 3.80                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| 2HT-250-2-WT-S  | White  | 2.40                    | 5.50                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| 2HT-375-2-WT-S  | White  | 3.20                    | 8.10                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| 2HT-500-2-WT-S  | White  | 4.80                    | 11.40                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| 2HT-750-2-WT-S  | White  | 6.60                    | 17.80                   | 31.80              | 50.80             | 41.28                | 1               | 100              | 100                     | R6600         |
| 2HT-1000-2-WT-S | White  | 11.40                   | 24.10                   | 42.16              | 50.80             | 50.80                | 1               | 100              | 100                     | R6600         |
| 2HT-1500-2-WT-S | White  | 12.70                   | 36.80                   | 61.80              | 50.80             | 76.20                | 1               | 100              | 100                     | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well.

Simply replace “WT” with the abbreviation of the desired colour to order.

Example: 2HT-094-2-**WT**-S becomes 2HT-094-2-**YL**-S

### Available Colours:

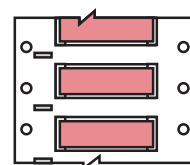
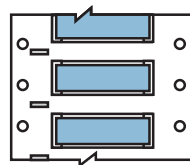
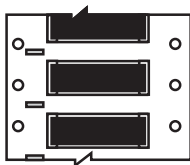
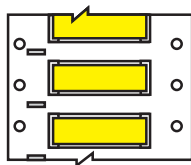
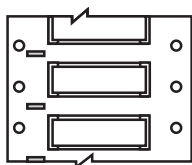
WT = White

BK = Black

BL = Blue

PK = Pink

YL = Yellow





## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-7641 Permasleeve LSZH low smoke zero halogen polyolefin wire marking sleeves are 2:1 heat shrinkable, low halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.

### Performance Attributes:



### How to read your PermaSleeve™ order reference

#### Example order reference:

**2ZH - 187 - 2 - WT - S - 4**

|         |          |       |        |           |        |
|---------|----------|-------|--------|-----------|--------|
| Product | Diameter | Width | Colour | Roll Size | Pieces |
|         |          |       |        | Optional  |        |

### Available options for B-7641 PermaSleeve™ LSZH Wire Marking Sleeves:

| Product Type                          |
|---------------------------------------|
| LSZH = Single Sided Printing, B-7641  |
| 2LSZH = Double Sided Printing, B-7641 |

| Sleeve Diameter                                         |
|---------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 1.19mm - 2.03mm     |
| 125 = 1/8" size fits wire diameter 1.57mm - 2.79mm      |
| 187 = 3/16" size fits wire diameter 2.39mm - 3.83mm     |
| 250 = 1/4" size fits wire diameter 3.17mm - 5.46mm      |
| 375 = 3/8" size fits wire diameter 4.77mm - 8.13mm      |
| 500 = 1/2" size fits wire diameter 6.35mm - 11.43mm     |
| 750 = 3/4" size fits wire diameter 9.52mm - 17.78mm     |
| 1000 = 1" size fits wire dia. 11.43mm - 24.13mm         |
| 1500 = 1 1/2" size fits wire diameter 19.05mm - 35.56mm |
| 2000 = 2" size fits wire diameter 25.40mm - 48.26mm     |

| Sleeve Width   |
|----------------|
| 150 = 38.10 mm |
| 2 = 50.80 mm   |

| Sleeve Colour             |
|---------------------------|
| Standard Colours          |
| WT = White    YL = Yellow |

| Optional: Roll Size                                                     |                                                                        |
|-------------------------------------------------------------------------|------------------------------------------------------------------------|
| If sleeve diameter is 094-187:<br>Standard = 2,500    Small ("S") = 500 | If sleeve diameter is 750-1500:<br>Standard = 250    Small ("S") = 100 |
| If sleeve diameter is 250-375:<br>Standard = 1,000    Small ("S") = 250 | If sleeve diameter is 2000:<br>Standard = 100    Small ("S") = 50      |
| If sleeve diameter is 500:<br>Standard = 500    Small ("S") = 250       |                                                                        |

| Optional: Pieces Per Sleeve                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.<br>Example: 2LSZH-187-2-WT-4 This "4" means this sleeve is slit into four pieces<br>Available options: 2, 3, or 4 pieces. |

**Recommended Ribbon Series:** R4300, R6400, R6600

**Recommended Printer Series:** BradyPrinter™ PR Plus Printer, BBP™72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

# PermaSleeve™ Wire Marking Sleeves

## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

Single-sided Printable, 50.80 mm width



Use the table below to browse all available single-sided printing, 50.80 mm width  
B-7641 Permasleeve™ LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves.

| Order Reference  | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| LSZH-094-2-WT    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| LSZH-094-2-WT-2  | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| LSZH-094-2-WT-3  | White  | 1.19                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| LSZH-094-2-WT-4  | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| LSZH-094-2-WT-S  | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| LSZH-125-2-WT    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| LSZH-125-2-WT-2  | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| LSZH-125-2-WT-3  | White  | 1.57                    | 2.79                    | 6.00               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| LSZH-125-2-WT-4  | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| LSZH-125-2-WT-S  | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| LSZH-187-2-WT    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| LSZH-187-2-WT-2  | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| LSZH-187-2-WT-3  | White  | 2.39                    | 3.83                    | 8.50               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| LSZH-187-2-WT-4  | White  | 2.39                    | 3.83                    | 8.50               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| LSZH-187-2-WT-S  | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| LSZH-250-2-WT    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| LSZH-250-2-WT-2  | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| LSZH-250-2-WT-3  | White  | 3.17                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| LSZH-250-2-WT-4  | White  | 3.17                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 2500             | 10000                   | R6600         |
| LSZH-250-2-WT-S  | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| LSZH-375-2-WT    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| LSZH-375-2-WT-2  | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| LSZH-375-2-WT-3  | White  | 4.77                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| LSZH-375-2-WT-4  | White  | 4.77                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| LSZH-375-2-WT-S  | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| LSZH-500-2-WT    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| LSZH-500-2-WT-2  | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| LSZH-500-2-WT-3  | White  | 6.35                    | 11.43                   | 21.60              | 16.94             | 31.75                | 3               | 500              | 1500                    | R6600         |
| LSZH-500-2-WT-4  | White  | 6.35                    | 11.43                   | 21.60              | 12.70             | 31.75                | 4               | 500              | 2000                    | R6600         |
| LSZH-500-2-WT-S  | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| LSZH-750-2-WT    | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| LSZH-750-2-WT-2  | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 250              | 500                     | R6600         |
| LSZH-750-2-WT-3  | White  | 9.52                    | 17.78                   | 31.40              | 16.94             | 41.28                | 3               | 250              | 750                     | R6600         |
| LSZH-750-2-WT-4  | White  | 9.52                    | 17.78                   | 31.40              | 12.70             | 41.28                | 4               | 250              | 1000                    | R6600         |
| LSZH-750-2-WT-S  | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 100              | 100                     | R6600         |
| LSZH-1000-2-WT   | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| LSZH-1000-2-WT-2 | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250              | 500                     | R6600         |
| LSZH-1000-2-WT-3 | White  | 11.43                   | 24.13                   | 42.16              | 16.94             | 50.80                | 3               | 250              | 750                     | R6600         |
| LSZH-1000-2-WT-4 | White  | 11.43                   | 24.13                   | 42.16              | 12.70             | 50.80                | 4               | 250              | 1000                    | R6600         |
| LSZH-1000-2-WT-S | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 100              | 100                     | R6600         |
| LSZH-1500-2-WT   | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |

### Choosing Your PermaSleeve Colour

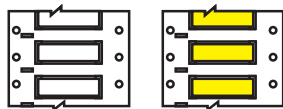
While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: LSZH-094-2-WT-S becomes LSZH-094-2-YL-S

#### Standard colours:

WT = White

YL = Yellow



### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: LSZH-187-2-WT becomes LSZH-187-2-WT-4  
This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

**Double-sided Printable, 50.80 mm width**

Use the table below to browse all available double-sided printing, 50.80 mm width

B-7641 Permasleeve™ LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves.



| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 2LSZH-094-2-WT    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2LSZH-094-2-WT-2  | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2LSZH-094-2-WT-3  | White  | 1.19                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 2LSZH-094-2-WT-4  | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2LSZH-094-2-WT-S  | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2LSZH-125-2-WT    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2LSZH-125-2-WT-2  | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2LSZH-125-2-WT-3  | White  | 1.57                    | 2.79                    | 6.00               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 2LSZH-125-2-WT-4  | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2LSZH-125-2-WT-S  | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2LSZH-187-2-WT    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| 2LSZH-187-2-WT-2  | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| 2LSZH-187-2-WT-3  | White  | 2.39                    | 3.83                    | 8.50               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| 2LSZH-187-2-WT-4  | White  | 2.39                    | 3.83                    | 8.50               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| 2LSZH-187-2-WT-S  | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| 2LSZH-250-2-WT    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| 2LSZH-250-2-WT-2  | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| 2LSZH-250-2-WT-3  | White  | 3.17                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| 2LSZH-250-2-WT-4  | White  | 3.17                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 2500             | 10000                   | R6600         |
| 2LSZH-250-2-WT-S  | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| 2LSZH-375-2-WT    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| 2LSZH-375-2-WT-2  | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| 2LSZH-375-2-WT-3  | White  | 4.77                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| 2LSZH-375-2-WT-4  | White  | 4.77                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| 2LSZH-375-2-WT-S  | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| 2LSZH-500-2-WT    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| 2LSZH-500-2-WT-2  | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| 2LSZH-500-2-WT-3  | White  | 6.35                    | 11.43                   | 21.60              | 16.94             | 31.75                | 3               | 500              | 1500                    | R6600         |
| 2LSZH-500-2-WT-4  | White  | 6.35                    | 11.43                   | 21.60              | 12.70             | 31.75                | 4               | 500              | 2000                    | R6600         |
| 2LSZH-500-2-WT-S  | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| 2LSZH-750-2-WT    | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| 2LSZH-750-2-WT-2  | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 250              | 500                     | R6600         |
| 2LSZH-750-2-WT-3  | White  | 9.52                    | 17.78                   | 31.40              | 16.94             | 41.28                | 3               | 250              | 750                     | R6600         |
| 2LSZH-750-2-WT-4  | White  | 9.52                    | 17.78                   | 31.40              | 12.70             | 41.28                | 4               | 250              | 1000                    | R6600         |
| 2LSZH-750-2-WT-S  | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 100              | 100                     | R6600         |
| 2LSZH-1000-2-WT   | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| 2LSZH-1000-2-WT-2 | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250              | 500                     | R6600         |
| 2LSZH-1000-2-WT-3 | White  | 11.43                   | 24.13                   | 42.16              | 16.94             | 50.80                | 3               | 250              | 750                     | R6600         |
| 2LSZH-1000-2-WT-4 | White  | 11.43                   | 24.13                   | 42.16              | 12.70             | 50.80                | 4               | 250              | 1000                    | R6600         |
| 2LSZH-1000-2-WT-S | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 100              | 100                     | R6600         |
| 2LSZH-1500-2-WT   | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S

#### Standard colours:

WT = White

YL = Yellow

### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: ZH-187-2-WT becomes ZH-187-2-WT-4

This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible. These heat shrinkable wire marking sleeves have an operating temperature of -40°C to 120°C (-40°F to 248°F).

Performance Attributes:



### How to read your PermaSleeve™ order reference

Example order reference:

**2HX - 187 - 2 - WT - S - 4**  
 Product      Diameter      Width      Colour      Roll Size      Pieces  
 — Optional\* —

Available options for B-7642 PermaSleeve™ HX Wire Marking Sleeve:

| Product Type                        |
|-------------------------------------|
| HX = Single Sided Printing, B-7642  |
| 2HX = Double Sided Printing, B-7642 |

| Sleeve Diameter                                         |
|---------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 1.19mm - 2.03mm     |
| 125 = 1/8" size fits wire diameter 1.57mm - 2.79mm      |
| 187 = 3/16" size fits wire diameter 2.39mm - 3.83mm     |
| 250 = 1/4" size fits wire diameter 3.17mm - 5.46mm      |
| 375 = 3/8" size fits wire diameter 4.77mm - 8.13mm      |
| 500 = 1/2" size fits wire diameter 6.35mm - 11.43mm     |
| 750 = 3/4" size fits wire diameter 9.52mm - 17.78mm     |
| 1000 = 1" size fits wire diameter 11.43mm - 24.13mm     |
| 1500 = 1 1/2" size fits wire diameter 19.05mm - 35.56mm |
| 2000 = 2" size fits wire diameter 25.40mm - 48.26mm     |

| Sleeve Width                                                                                       |
|----------------------------------------------------------------------------------------------------|
| 150 = 38.10 mm      2 = 2"      3 = 76.20 mm (only available in 1000, 1500, & 2000 diameter parts) |

| Sleeve Colour                                                              |
|----------------------------------------------------------------------------|
| Colours for HX and 2HX                                                     |
| WT = White      BL = Blue      GY = Gray      PK = Pink      VT = Violet   |
| BK = Black      GR = Green      OR = Orange      RD = Red      YL = Yellow |

Optional: Roll Size

|                                                                                                 |                                                                                               |                                                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| If sleeve diameter is 094–187:<br>Standard = 2,500<br>Small ("S") = 500<br>Jumbo ("J") = 10,000 | If sleeve diameter is 500:<br>Standard = 500<br>Small ("S") = 250<br>Jumbo ("J") = 2,500      | If sleeve diameter is 1500:<br>Standard = 250<br>Small ("S") = 100<br>Jumbo ("J") = 1,000 |
| If sleeve diameter is 250:<br>Standard = 1,000<br>Small ("S") = 250<br>Jumbo ("J") = 7,500      | If sleeve diameter is 750–1000:<br>Standard = 250<br>Small ("S") = 100<br>Jumbo ("J") = 2,500 | If sleeve diameter is 2000:<br>Standard = 100<br>Small ("S") = 50<br>Jumbo ("J") = 1,000  |
| If sleeve diameter is 375:<br>Standard = 1,000<br>Small ("S") = 250<br>Jumbo ("J") = 2,500      |                                                                                               |                                                                                           |

| Optional: Pieces Per Sleeve                                                          |
|--------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces. |
| Example: 2HX-187-2-WT-4 This "4" means the sleeve is slit into four pieces           |
| Available options: 2, 3, or 4 pieces.                                                |

**Recommended Ribbon Series:** R4300, R6400, R6600

**Recommended Printer Series:** BradyPrinter™ PR Plus Printer, BBP™72 Double Sided Printer

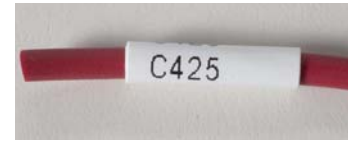
**Software Compatibility:** LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software



## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

### Single-sided Printable, 38.10 mm width

Use the table below to browse all available single-sided printing, 38.10 mm width B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference    | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|--------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| HX-094-150-WT      | White  | 1.19                    | 2.03                    | 4.60               | 38.10             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| HX-094-150-WT-2    | White  | 1.19                    | 2.03                    | 4.60               | 19.05             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| HX-094-150-WT-J    | White  | 1.19                    | 2.03                    | 4.60               | 38.10             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| HX-094-150-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60               | 19.05             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| HX-094-150-WT-S    | White  | 1.19                    | 2.03                    | 4.60               | 38.10             | 12.70                | 1               | 500              | 500                     | R6600         |
| HX-125-150-WT      | White  | 1.57                    | 2.79                    | 6.00               | 38.10             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| HX-125-150-WT-2    | White  | 1.57                    | 2.79                    | 6.00               | 19.05             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| HX-125-150-WT-J    | White  | 1.57                    | 2.79                    | 6.00               | 38.10             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| HX-125-150-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00               | 19.05             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| HX-125-150-WT-S    | White  | 1.57                    | 2.79                    | 6.00               | 38.10             | 12.70                | 1               | 500              | 500                     | R6600         |
| HX-187-150-WT      | White  | 2.39                    | 3.83                    | 8.50               | 38.10             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| HX-187-150-WT-2    | White  | 2.39                    | 3.83                    | 8.50               | 19.05             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| HX-187-150-WT-J    | White  | 2.39                    | 3.83                    | 8.50               | 38.10             | 15.88                | 1               | 10000            | 10000                   | R6600         |
| HX-187-150-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50               | 19.05             | 15.88                | 2               | 10000            | 20000                   | R6600         |
| HX-187-150-WT-S    | White  | 2.39                    | 3.83                    | 8.50               | 38.10             | 15.88                | 1               | 500              | 500                     | R6600         |
| HX-250-150-WT      | White  | 3.17                    | 5.46                    | 11.15              | 38.10             | 19.05                | 1               | 1000             | 1000                    | R6600         |
| HX-250-150-WT-2    | White  | 3.17                    | 5.46                    | 11.15              | 19.05             | 19.05                | 2               | 1000             | 2000                    | R6600         |
| HX-250-150-WT-J    | White  | 3.17                    | 5.46                    | 11.15              | 38.10             | 19.05                | 1               | 7500             | 7500                    | R6600         |
| HX-250-150-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15              | 19.05             | 19.05                | 2               | 7500             | 15000                   | R6600         |
| HX-250-150-WT-S    | White  | 3.17                    | 5.46                    | 11.15              | 38.10             | 19.05                | 1               | 500              | 500                     | R6600         |
| HX-375-150-WT      | White  | 4.77                    | 8.13                    | 16.40              | 38.10             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| HX-375-150-WT-2    | White  | 4.77                    | 8.13                    | 16.40              | 19.05             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| HX-375-150-WT-J    | White  | 4.77                    | 8.13                    | 16.40              | 38.10             | 25.40                | 1               | 2500             | 2500                    | R6600         |
| HX-375-150-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40              | 19.05             | 25.40                | 2               | 2500             | 5000                    | R6600         |
| HX-500-150-WT      | White  | 6.35                    | 11.43                   | 21.60              | 38.10             | 31.75                | 1               | 500              | 500                     | R6600         |
| HX-500-150-WT-2    | White  | 6.35                    | 11.43                   | 21.60              | 19.05             | 31.75                | 2               | 500              | 1000                    | R6600         |
| HX-500-150-WT-J    | White  | 6.35                    | 11.43                   | 21.60              | 38.10             | 31.75                | 1               | 2500             | 2500                    | R6600         |
| HX-500-150-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60              | 19.05             | 31.75                | 2               | 2500             | 5000                    | R6600         |
| HX-500-150-WT-S    | White  | 6.35                    | 11.43                   | 21.60              | 38.10             | 31.75                | 1               | 250              | 250                     | R6600         |
| HX-750-150-WT      | White  | 9.52                    | 17.78                   | 31.40              | 38.10             | 41.28                | 1               | 250              | 250                     | R6600         |
| HX-750-150-WT-2    | White  | 9.52                    | 17.78                   | 31.40              | 19.05             | 41.28                | 2               | 250              | 500                     | R6600         |
| HX-750-150-WT-J    | White  | 9.52                    | 17.78                   | 31.40              | 38.10             | 41.28                | 1               | 2500             | 2500                    | R6600         |
| HX-750-150-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40              | 19.05             | 41.28                | 2               | 2500             | 5000                    | R6600         |
| HX-750-150-WT-S    | White  | 9.52                    | 17.78                   | 31.40              | 38.10             | 41.28                | 1               | 100              | 100                     | R6600         |
| HX-1000-150-WT     | White  | 11.43                   | 24.13                   | 42.16              | 38.10             | 50.80                | 1               | 250              | 250                     | R6600         |
| HX-1000-150-WT-2   | White  | 11.43                   | 24.13                   | 42.16              | 19.05             | 50.80                | 2               | 250              | 500                     | R6600         |
| HX-1000-150-WT-J   | White  | 11.43                   | 24.13                   | 42.16              | 38.10             | 50.80                | 1               | 2500             | 2500                    | R6600         |
| HX-1000-150-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16              | 19.05             | 50.80                | 2               | 2500             | 5000                    | R6600         |
| HX-1000-150-WT-S   | White  | 11.43                   | 24.13                   | 42.16              | 38.10             | 50.80                | 1               | 100              | 100                     | R6600         |
| HX-1500-150-WT     | White  | 19.05                   | 35.56                   | 61.80              | 38.10             | 76.20                | 1               | 250              | 250                     | R6600         |
| HX-1500-150-WT-J   | White  | 19.05                   | 35.56                   | 61.80              | 38.10             | 76.20                | 1               | 1000             | 1000                    | R6600         |
| HX-2000-150-WT-J   | White  | 25.40                   | 48.26                   | 80.40              | 38.10             | 101.60               | 1               | 1000             | 1000                    | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: HX-094-2-WT-S becomes HX-094-2-RD-S

#### Available colours:

WT = White GR = Green PK = Pink VT = Violet  
BK = Black GY = Gray RD = Red YL = Yellow  
BL = Blue OR = Orange

### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: HX-187-150-WT-S becomes HX-187-150-WT-S-4  
This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)



# PermaSleeve™ Wire Marking Sleeves

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO



### Single-sided Printable, 50.80 mm width

Use the table below to browse all available single-sided printing, 50.80 mm width B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.

| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 2HX-094-2-WT      | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2HX-094-2-WT-2    | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2HX-094-2-WT-3    | White  | 1.19                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 2HX-094-2-WT-4    | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2HX-094-2-WT-J    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| 2HX-094-2-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| 2HX-094-2-WT-J-3  | White  | 1.19                    | 2.03                    | 4.60               | 16.94             | 12.70                | 3               | 10000            | 30000                   | R6600         |
| 2HX-094-2-WT-J-4  | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 10000            | 40000                   | R6600         |
| 2HX-094-2-WT-S    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2HX-125-2-WT      | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2HX-125-2-WT-2    | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2HX-125-2-WT-3    | White  | 1.57                    | 2.79                    | 6.00               | 16.94             | 12.70                | 3               | 2500             | 7500                    | R6600         |
| 2HX-125-2-WT-4    | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2HX-125-2-WT-J    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| 2HX-125-2-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| 2HX-125-2-WT-J-3  | White  | 1.57                    | 2.79                    | 6.00               | 16.94             | 12.70                | 3               | 10000            | 30000                   | R6600         |
| 2HX-125-2-WT-J-4  | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 10000            | 40000                   | R6600         |
| 2HX-125-2-WT-S    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 500              | 500                     | R6600         |
| 2HX-187-2-WT      | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| 2HX-187-2-WT-2    | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| 2HX-187-2-WT-3    | White  | 2.39                    | 3.83                    | 8.50               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| 2HX-187-2-WT-4    | White  | 2.39                    | 3.83                    | 8.50               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| 2HX-187-2-WT-J    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 10000            | 10000                   | R6600         |
| 2HX-187-2-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 10000            | 20000                   | R6600         |
| 2HX-187-2-WT-J-3  | White  | 2.39                    | 3.83                    | 8.50               | 16.94             | 15.88                | 3               | 10000            | 30000                   | R6600         |
| 2HX-187-2-WT-J-4  | White  | 2.39                    | 3.83                    | 8.50               | 12.70             | 15.88                | 4               | 10000            | 40000                   | R6600         |
| 2HX-187-2-WT-S    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 500              | 500                     | R6600         |
| 2HX-250-2-WT      | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 1000             | 1000                    | R6600         |
| 2HX-250-2-WT-2    | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 1000             | 2000                    | R6600         |
| 2HX-250-2-WT-3    | White  | 3.17                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 1000             | 3000                    | R6600         |
| 2HX-250-2-WT-4    | White  | 3.17                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 1000             | 4000                    | R6600         |
| 2HX-250-2-WT-J    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 7500             | 7500                    | R6600         |
| 2HX-250-2-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 7500             | 15000                   | R6600         |
| 2HX-250-2-WT-J-3  | White  | 3.17                    | 5.46                    | 11.15              | 16.94             | 19.05                | 3               | 7500             | 22500                   | R6600         |
| 2HX-250-2-WT-J-4  | White  | 3.17                    | 5.46                    | 11.15              | 12.70             | 19.05                | 4               | 7500             | 30000                   | R6600         |
| 2HX-250-2-WT-S    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 500              | 500                     | R6600         |
| 2HX-375-2-WT      | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| 2HX-375-2-WT-2    | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| 2HX-375-2-WT-3    | White  | 4.77                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| 2HX-375-2-WT-4    | White  | 4.77                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| 2HX-375-2-WT-J    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 2500             | 2500                    | R6600         |
| 2HX-375-2-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 2500             | 5000                    | R6600         |
| 2HX-375-2-WT-J-3  | White  | 4.77                    | 8.13                    | 16.40              | 16.94             | 25.40                | 3               | 2500             | 7500                    | R6600         |
| 2HX-375-2-WT-J-4  | White  | 4.77                    | 8.13                    | 16.40              | 12.70             | 25.40                | 4               | 2500             | 10000                   | R6600         |
| 2HX-375-2-WT-S    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 250              | 250                     | R6600         |
| 2HX-500-2-WT      | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| 2HX-500-2-WT-2    | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| 2HX-500-2-WT-3    | White  | 6.35                    | 11.43                   | 21.60              | 16.94             | 31.75                | 3               | 500              | 1500                    | R6600         |
| 2HX-500-2-WT-4    | White  | 6.35                    | 11.43                   | 21.60              | 12.70             | 31.75                | 4               | 500              | 2000                    | R6600         |
| 2HX-500-2-WT-J    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 2500             | 2500                    | R6600         |
| 2HX-500-2-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 2500             | 5000                    | R6600         |
| 2HX-500-2-WT-J-3  | White  | 6.35                    | 11.43                   | 21.60              | 16.94             | 31.75                | 3               | 2500             | 7500                    | R6600         |
| 2HX-500-2-WT-J-4  | White  | 6.35                    | 11.43                   | 21.60              | 12.70             | 31.75                | 4               | 2500             | 10000                   | R6600         |
| 2HX-500-2-WT-S    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 250              | 250                     | R6600         |
| 2HX-750-2-WT      | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| 2HX-750-2-WT-2    | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 250              | 500                     | R6600         |
| 2HX-750-2-WT-3    | White  | 9.52                    | 17.78                   | 31.40              | 16.94             | 41.28                | 3               | 250              | 750                     | R6600         |
| 2HX-750-2-WT-4    | White  | 9.52                    | 17.78                   | 31.40              | 12.70             | 41.28                | 4               | 250              | 1000                    | R6600         |
| 2HX-750-2-WT-J    | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 2500             | 2500                    | R6600         |
| 2HX-750-2-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 2500             | 5000                    | R6600         |
| 2HX-750-2-WT-J-3  | White  | 9.52                    | 17.78                   | 31.40              | 16.94             | 41.28                | 3               | 2500             | 7500                    | R6600         |
| 2HX-750-2-WT-J-4  | White  | 9.52                    | 17.78                   | 31.40              | 12.70             | 41.28                | 4               | 2500             | 10000                   | R6600         |
| 2HX-1000-2-WT     | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| 2HX-1000-2-WT-2   | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250              | 500                     | R6600         |
| 2HX-1000-2-WT-3   | White  | 11.43                   | 24.13                   | 42.16              | 16.94             | 50.80                | 3               | 250              | 750                     | R6600         |
| 2HX-1000-2-WT-3-J | White  | 11.43                   | 24.13                   | 42.16              | 16.94             | 50.80                | 3               | 2500             | 7500                    | R6600         |
| 2HX-1000-2-WT-4   | White  | 11.43                   | 24.13                   | 42.16              | 12.70             | 50.80                | 4               | 250              | 1000                    | R6600         |
| 2HX-1000-2-WT-4-J | White  | 11.43                   | 24.13                   | 42.16              | 12.70             | 50.80                | 4               | 2500             | 10000                   | R6600         |
| 2HX-1000-2-WT-J   | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 2500             | 2500                    | R6600         |
| 2HX-1000-2-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 2500             | 5000                    | R6600         |
| 2HX-1500-2-WT     | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |
| 2HX-1500-2-WT-J   | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 1000             | 1000                    | R6600         |
| 2HX-2000-2-WT     | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 100              | 100                     | R6600         |
| 2HX-2000-2-WT-J   | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 1000             | 1000                    | R6600         |

Choosing Your PermaSleeve Colour & Choosing Your PermaSleeve Pieces (optional): see previous page.

View the Material Brands & Attributes Guide on pages 6-9. Benchtop Printer Ribbons on page 165. Full Material Properties on page 168.

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

### Double-sided Printable, 50.80 mm width

Use the table below to browse all available double-sided printing, 50.80 mm width  
B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 2HX-094-2-WT      | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2HX-094-2-WT-2    | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2HX-094-2-WT-4    | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2HX-094-2-WT-J    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| 2HX-094-2-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| 2HX-094-2-WT-J-4  | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 10000            | 40000                   | R6600         |
| 2HX-125-2-WT      | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500             | 2500                    | R6600         |
| 2HX-125-2-WT-2    | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500             | 5000                    | R6600         |
| 2HX-125-2-WT-4    | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500             | 10000                   | R6600         |
| 2HX-125-2-WT-J    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 10000            | 10000                   | R6600         |
| 2HX-125-2-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 10000            | 20000                   | R6600         |
| 2HX-125-2-WT-J-4  | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 10000            | 40000                   | R6600         |
| 2HX-187-2-WT      | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| 2HX-187-2-WT-2    | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| 2HX-187-2-WT-J    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 10000            | 10000                   | R6600         |
| 2HX-187-2-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 10000            | 20000                   | R6600         |
| 2HX-250-2-WT      | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 1000             | 1000                    | R6600         |
| 2HX-250-2-WT-2    | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 1000             | 2000                    | R6600         |
| 2HX-250-2-WT-J    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 7500             | 7500                    | R6600         |
| 2HX-250-2-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 7500             | 15000                   | R6600         |
| 2HX-375-2-WT      | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| 2HX-375-2-WT-2    | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| 2HX-375-2-WT-J    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 2500             | 2500                    | R6600         |
| 2HX-375-2-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 2500             | 5000                    | R6600         |
| 2HX-500-2-WT      | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500              | 500                     | R6600         |
| 2HX-500-2-WT-2    | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500              | 1000                    | R6600         |
| 2HX-500-2-WT-J    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 2500             | 2500                    | R6600         |
| 2HX-500-2-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 2500             | 5000                    | R6600         |
| 2HX-750-2-WT      | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 250              | 250                     | R6600         |
| 2HX-750-2-WT-2    | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 250              | 500                     | R6600         |
| 2HX-750-2-WT-J    | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 2500             | 2500                    | R6600         |
| 2HX-750-2-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 2500             | 5000                    | R6600         |
| 2HX-1000-2-WT     | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250              | 250                     | R6600         |
| 2HX-1000-2-WT-2   | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250              | 500                     | R6600         |
| 2HX-1000-2-WT-J   | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 2500             | 2500                    | R6600         |
| 2HX-1000-2-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 2500             | 5000                    | R6600         |
| 2HX-1500-2-WT     | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 250              | 250                     | R6600         |
| 2HX-1500-2-WT-J   | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 1000             | 1000                    | R6600         |
| 2HX-2000-2-WT     | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 100              | 100                     | R6600         |
| 2HX-2000-2-WT-J   | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 1000             | 1000                    | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: HX-094-2-WT-S becomes HX-094-2-RD-S

#### Available colours:

WT = White GR = Green PK = Pink YL = Yellow  
BK = Black GY = Gray RD = Red  
BL = Blue OR = Orange VT = Violet

### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: HX-187-150-WT-S becomes HX-187-150-WT-S-4

This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

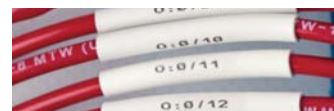
1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

### Single-sided Printable, 76.20 mm width

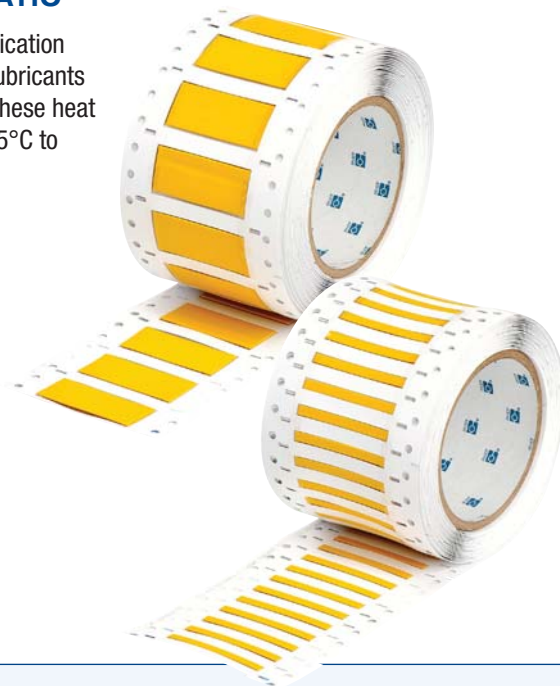
Use the table below to browse all available single-sided printing, 76.20 mm width  
B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|-----------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| HX-1000-3-WT    | White  | 11.43                   | 24.13                   | 42.16              | 76.20             | 50.80                | 1               | 250              | 250                     | R6600         |
| HX-1000-3-WT-J  | White  | 11.43                   | 24.13                   | 42.16              | 76.20             | 50.80                | 1               | 2500             | 2500                    | R6600         |
| HX-1500-3-WT    | White  | 19.05                   | 35.56                   | 61.80              | 76.20             | 76.20                | 1               | 250              | 250                     | R6600         |
| HX-1500-3-WT-J  | White  | 19.05                   | 35.56                   | 61.80              | 76.20             | 76.20                | 1               | 1000             | 1000                    | R6600         |
| HX-2000-3-WT    | White  | 25.40                   | 48.26                   | 80.40              | 76.20             | 101.60               | 1               | 100              | 100                     | R6600         |
| HX-2000-3-WT-J  | White  | 25.40                   | 48.26                   | 80.40              | 76.20             | 101.60               | 1               | 1000             | 1000                    | R6600         |

## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

B-7646 PermaSleeves have been developed for wire and cable identification in applications that have exposures to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures. These heat shrinkable wire marking sleeves have an operating temperature of -55°C to 135°C (-48°C to 57°C)



### How to read your PermaSleeve™ order reference

Example order reference:

**3DPS - 3.2x50 - B7646-YL - 2S**

Product      Max. Diameter      Width      Material & Colour      Pieces      Optional

### Available options for B-7646 PermaSleeve™ Diesel Resistant Wire Marking Sleeve:

| Product Type                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|
| 3:1DPS = Double Sided Printing, B-7646 Brady format<br>3DPS = Double Sided Printing, B-7646 Universal format |

| Sleeve Diameter                                |
|------------------------------------------------|
| 2.4 size fits wire diameter 0.8 mm - 2.4 mm    |
| 3.2 size fits wire diameter 1.2 mm - 3.2 mm    |
| 4.8 size fits wire diameter 1.5 mm - 4.8 mm    |
| 6.4 size fits wire diameter 1.8 mm - 6.4 mm    |
| 9.5 size fits wire diameter 3.0 mm - 9.5 mm    |
| 12.7 size fits wire diameter 3.8 mm - 12.7 mm  |
| 19.1 size fits wire diameter 6.0 mm - 19.1 mm  |
| 25.4 size fits wire diameter 8.0 mm - 25.4 mm  |
| 38.1 size fits wire diameter 18.0 mm - 38.1 mm |

| Sleeve Width |
|--------------|
| 2 = 50.80 mm |

| Sleeve Colour                           |
|-----------------------------------------|
| Standard Colour for B-7646: YL = Yellow |

| Optional: Pieces Per Sleeve                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.<br>3DPS-3.2x50mm-B7646-YL-2S This "2" means this sleeve is slit into two pieces<br>Available options: 2, 3, or 4 pieces. |

**Recommended Ribbon Series:** R6600 Series

**Recommended Printer Series:** BradyPrinter™ PR Plus Printer, Brady IP™ Printer, BBP™72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labelling Software



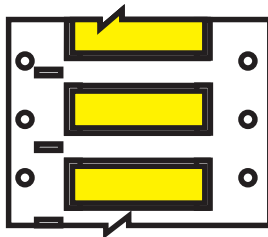
## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

### Double-sided Printable, 50.80 mm width, Brady Format

Use the table below to browse all available double-sided printing, 50.80 mm width Brady Format B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves.



| Order Reference            | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|----------------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 3:1DPS-3.2x50-B7646-YL     | Yellow | 1.20                    | 3.20                    | 6.60               | 50.80             | 15.88                | 1               | 2500             | 2500                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-2S  | Yellow | 1.20                    | 3.20                    | 6.60               | 25.40             | 15.88                | 2               | 2500             | 5000                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-3S  | Yellow | 1.20                    | 3.20                    | 6.60               | 16.94             | 15.88                | 3               | 2500             | 7500                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-4S  | Yellow | 1.20                    | 3.20                    | 6.60               | 12.70             | 15.88                | 4               | 2500             | 10000                   | R6600         |
| 3:1DPS-4.8x50-B7646-YL     | Yellow | 1.50                    | 4.80                    | 9.20               | 50.80             | 19.05                | 1               | 2500             | 2500                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-2S  | Yellow | 1.50                    | 4.80                    | 9.20               | 25.40             | 19.05                | 2               | 2500             | 5000                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-3S  | Yellow | 1.50                    | 4.80                    | 9.20               | 16.94             | 19.05                | 3               | 2500             | 7500                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-4S  | Yellow | 1.50                    | 4.80                    | 9.20               | 12.70             | 19.05                | 4               | 2500             | 10000                   | R6600         |
| 3:1DPS-6.4x50-B7646-YL     | Yellow | 1.80                    | 6.40                    | 11.25              | 50.80             | 25.40                | 1               | 2500             | 2500                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-2S  | Yellow | 1.80                    | 6.40                    | 11.25              | 25.40             | 25.40                | 2               | 2500             | 5000                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-3S  | Yellow | 1.80                    | 6.40                    | 11.25              | 16.94             | 25.40                | 3               | 2500             | 7500                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-4S  | Yellow | 1.80                    | 6.40                    | 11.25              | 12.70             | 25.40                | 4               | 2500             | 10000                   | R6600         |
| 3:1DPS-9.5x50-B7646-YL     | Yellow | 3.00                    | 9.50                    | 16.50              | 50.80             | 31.75                | 1               | 1000             | 1000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-2S  | Yellow | 3.00                    | 9.50                    | 16.50              | 25.40             | 31.75                | 2               | 1000             | 2000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-3S  | Yellow | 3.00                    | 9.50                    | 16.50              | 16.94             | 31.75                | 3               | 1000             | 3000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-4S  | Yellow | 3.00                    | 9.50                    | 16.50              | 12.70             | 31.75                | 4               | 1000             | 4000                    | R6600         |
| 3:1DPS-12.7X50-B7646-YL    | Yellow | 3.80                    | 12.70                   | 20.80              | 50.80             | 41.28                | 1               | 500              | 500                     | R6600         |
| 3:1DPS-12.7X50-B7646-YL-2S | Yellow | 3.80                    | 12.70                   | 20.80              | 25.40             | 41.28                | 2               | 500              | 1000                    | R6600         |
| 3:1DPS-12.7X50-B7646-YL-3S | Yellow | 3.80                    | 12.70                   | 20.80              | 16.94             | 41.28                | 3               | 500              | 1500                    | R6600         |
| 3:1DPS-12.7X50-B7646-YL-4S | Yellow | 3.80                    | 12.70                   | 20.80              | 12.70             | 41.28                | 4               | 500              | 2000                    | R6600         |
| 3:1DPS-19X50-B7646-YL      | Yellow | 6.00                    | 19.10                   | 31.20              | 50.80             | 41.28                | 1               | 500              | 500                     | R6600         |
| 3:1DPS-19X50-B7646-YL-2S   | Yellow | 6.00                    | 19.10                   | 31.20              | 25.40             | 41.28                | 2               | 500              | 1000                    | R6600         |
| 3:1DPS-25X50-B7646-YL      | Yellow | 8.00                    | 25.40                   | 41.00              | 50.80             | 50.80                | 1               | 500              | 500                     | R6600         |
| 3:1DPS-25X50-B7646-YL-2S   | Yellow | 8.00                    | 25.40                   | 41.00              | 25.40             | 50.80                | 2               | 500              | 1000                    | R6600         |
| 3:1DPS-38X50-B7646-YL      | Yellow | 18.00                   | 38.10                   | 63.00              | 50.80             | 76.20                | 1               | 500              | 500                     | R6600         |
| 3:1DPS-38X50-B7646-YL-2S   | Yellow | 18.00                   | 38.10                   | 63.00              | 25.40             | 76.20                | 2               | 500              | 1000                    | R6600         |



### Choosing your PermaSleeve™ pieces (optional):

While 2 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: 3:1DPS-3.2x50mm-B7646-YL becomes 3:1DPS-3.2x50mm-B7646-YL-2S  
This "2" means that this sleeve is slit into two pieces.

### Available options:

2, 3, or 4 pieces.

## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO



### Double-sided Printable, 50.80 mm width, Universal format

Use the table below to browse all available double-sided printing, 50.80 mm width Universal Format B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves.

| Order Reference                 | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Sleeves per Roll | Total Quantity per pack | Ribbon Series |
|---------------------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|------------------|-------------------------|---------------|
| 3DPS-2.4x50mm-B7646YL           | Yellow | 0.80                    | 2.40                    | 4.80               | 50.00             | 13.00                | 1               | 2500             | 2500                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-2S        | Yellow | 0.80                    | 2.40                    | 4.80               | 25.40             | 13.00                | 2               | 2500             | 5000                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-3S        | Yellow | 0.80                    | 2.40                    | 4.80               | 16.94             | 13.00                | 3               | 2500             | 7500                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-4S        | Yellow | 0.80                    | 2.40                    | 4.80               | 12.70             | 13.00                | 4               | 2500             | 10000                   | R6600         |
| 3DPS-3.2x50mm-B7646YL           | Yellow | 1.20                    | 3.20                    | 6.60               | 50.00             | 13.00                | 1               | 2500             | 2500                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-2S        | Yellow | 1.20                    | 3.20                    | 6.60               | 25.40             | 13.00                | 2               | 2500             | 5000                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-2S (5Kx2) | Yellow | 1.20                    | 3.20                    | 6.60               | 25.40             | 13.00                | 2               | 5000             | 10000                   | R6600         |
| 3DPS-3.2x50mm-B7646YL-3S        | Yellow | 1.20                    | 3.20                    | 6.60               | 16.94             | 13.00                | 3               | 2500             | 7500                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-4S        | Yellow | 1.20                    | 3.20                    | 6.60               | 12.70             | 13.00                | 4               | 2500             | 10000                   | R6600         |
| 3DPS-4.8x50mm-B7646YL           | Yellow | 1.50                    | 4.80                    | 9.20               | 50.00             | 13.00                | 1               | 2500             | 2500                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-2S        | Yellow | 1.50                    | 4.80                    | 9.20               | 25.40             | 13.00                | 2               | 2500             | 5000                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-3S        | Yellow | 1.50                    | 4.80                    | 9.20               | 16.94             | 13.00                | 3               | 2500             | 7500                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-4S        | Yellow | 1.50                    | 4.80                    | 9.20               | 12.70             | 13.00                | 4               | 2500             | 10000                   | R6600         |
| 3DPS-6.4x50mm-B7646YL           | Yellow | 1.80                    | 6.40                    | 11.25              | 50.00             | 17.00                | 1               | 2500             | 2500                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-2S        | Yellow | 1.80                    | 6.40                    | 11.25              | 25.40             | 17.00                | 2               | 2500             | 5000                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-3S        | Yellow | 1.80                    | 6.40                    | 11.25              | 16.94             | 17.00                | 3               | 2500             | 7500                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-4S        | Yellow | 1.80                    | 6.40                    | 11.25              | 12.70             | 17.00                | 4               | 2500             | 10000                   | R6600         |
| 3DPS-9.5x50mm-B7646YL           | Yellow | 3.00                    | 9.50                    | 16.50              | 50.00             | 25.40                | 1               | 1000             | 1000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-2S        | Yellow | 3.00                    | 9.50                    | 16.50              | 25.40             | 25.40                | 2               | 1000             | 2000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-3S        | Yellow | 3.00                    | 9.50                    | 16.50              | 16.94             | 25.40                | 3               | 1000             | 3000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-4S        | Yellow | 3.00                    | 9.50                    | 16.50              | 12.70             | 25.40                | 4               | 1000             | 4000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL          | Yellow | 3.80                    | 12.70                   | 20.80              | 50.00             | 30.00                | 1               | 1000             | 1000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-2S       | Yellow | 3.80                    | 12.70                   | 20.80              | 25.40             | 30.00                | 2               | 1000             | 2000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-3S       | Yellow | 3.80                    | 12.70                   | 20.80              | 16.94             | 30.00                | 3               | 1000             | 3000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-4S       | Yellow | 3.80                    | 12.70                   | 20.80              | 12.70             | 30.00                | 4               | 1000             | 4000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL          | Yellow | 6.00                    | 19.10                   | 31.20              | 50.00             | 42.00                | 1               | 1000             | 1000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-2S       | Yellow | 6.00                    | 19.10                   | 31.20              | 25.40             | 42.00                | 2               | 1000             | 2000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-3S       | Yellow | 6.00                    | 19.10                   | 31.20              | 16.94             | 42.00                | 3               | 1000             | 3000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-4S       | Yellow | 6.00                    | 19.10                   | 31.20              | 12.70             | 42.00                | 4               | 1000             | 4000                    | R6600         |
| 3DPS-25.4x50mm-B7646YL          | Yellow | 8.00                    | 25.40                   | 41.00              | 50.00             | 51.00                | 1               | 500              | 500                     | R6600         |
| 3DPS-25.4x50mm-B7646YL-2S       | Yellow | 8.00                    | 25.40                   | 41.00              | 25.40             | 51.00                | 2               | 500              | 1000                    | R6600         |
| 3DPS-25.4x50mm-B7646YL-3S       | Yellow | 8.00                    | 25.40                   | 41.00              | 16.94             | 51.00                | 3               | 500              | 1500                    | R6600         |
| 3DPS-25.4x50mm-B7646YL-4S       | Yellow | 8.00                    | 25.40                   | 41.00              | 12.70             | 51.00                | 4               | 500              | 2000                    | R6600         |
| 3DPS-38.1x50mm-B7646YL          | Yellow | 18.00                   | 38.10                   | 63.00              | 50.00             | 72.00                | 1               | 500              | 500                     | R6600         |
| 3DPS-38.1x50mm-B7646YL-2S       | Yellow | 18.00                   | 38.10                   | 63.00              | 25.40             | 72.00                | 2               | 500              | 1000                    | R6600         |
| 3DPS-38.1x50mm-B7646YL-3S       | Yellow | 18.00                   | 38.10                   | 63.00              | 16.94             | 72.00                | 3               | 500              | 1500                    | R6600         |
| 3DPS-38.1x50mm-B7646YL-4S       | Yellow | 18.00                   | 38.10                   | 63.00              | 12.70             | 72.00                | 4               | 500              | 2000                    | R6600         |



### Choosing your PermaSleeve™ pieces (optional):

While 2 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: 3:1DPS-3.2x50mm-B7646-YL becomes 3:1DPS-3.2x50mm-B7646-YL-2S  
This "2" means that this sleeve is slit into two pieces.

**Available options:**  
**2, 3, or 4 pieces.**

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is that the bond between the ribbon and the label is critical to the success of the legend permanence. Please refer to the Ribbon/Material Cross Reference Chart on the following page to determine the appropriate ribbon/material combination.

**i** Look for other printer specific print ribbons on pages:  
BMP71 page 64  
BBP33 page 89

## RIBBON CHARACTERISTICS

| Printer Ribbon | Formulation | Colour                  | Notes / Details                                                                                                                                                                                       |
|----------------|-------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R4300          | Wax/Resin   | Black                   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R4400          | Resin       | Blue                    | High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                                |
| R4500          | Wax/Resin   | Blue, Red, Silver       | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R4900          | Resin       | Black                   | This ribbon has superb smear resistance at high temperatures and superior solvent resistance.                                                                                                         |
| R6000HF        | Resin       | Black                   | High density halogen free ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                   |
| R6100          | Wax/Resin   | Black                   | Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.                                                                                                           |
| R6200          | Resin       | Black                   | Designed for harsh environment labelling applications. Superior abrasion, chemical and heat resistance. Ribbons include spindle.                                                                      |
| R6400          | Resin       | Black                   | Ultra high chemical resistance at high temperatures. Superior solvent resistance.                                                                                                                     |
| R6600          | Resin       | Black                   | Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has with excellent chemical and abrasion resistance.                                              |
| R6700          | Wax/Resin   | White                   | The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve® materials. |
| R6800          | Resin       | White                   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R7940          | Wax         | Black                   | General purpose, standard performance wax ribbon for paper and temporary labelling.                                                                                                                   |
| R7942          | Wax         | Black                   | General purpose, standard performance wax ribbon for paper and temporary labelling.                                                                                                                   |
| R7950          | Wax/Resin   | Black, Blue, Green, Red | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R7953          | Wax/Resin   | Black                   | Standard performance alternative wax/resin ribbon for R7950 with lower chemical and smear resistance.                                                                                                 |
| R7960          | Resin       | Black                   | R7960, when printed on the appropriate Brady label, gives good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.                                              |
| R7961          | Resin       | Black                   | R7961 ribbon, when printed on the appropriate Brady label, gives excellent scratch and good chemical resistance.                                                                                      |
| R7962          | Resin       | Black                   | R7962 is a high performance resin ribbon which gives high smear and scratch resistance and excellent solvent and gas fuel resistance.                                                                 |
| R7964          | Resin       | Black                   | R7964 ribbon, when printed on the appropriate Brady label, gives good chemical resistance to solvents and sharp printing.                                                                             |
| R7990          | Resin       | Blue, Green, Red, White | Good solvent, smear and high heat resistance colour ribbon.                                                                                                                                           |

## RIBBON / WIDTH CROSS REFERENCE GUIDE

### Ribbons THT 12.7 mm diameter core - ink side out

| Width (mm) | Length (m) | Colour | WAX   |       | WAX/RESIN |          |          |       |       |       | RESIN |       |         |       |       |        |       |       |       |       |          |
|------------|------------|--------|-------|-------|-----------|----------|----------|-------|-------|-------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|----------|
|            |            |        | R7940 | R7942 | R4300     | R4500    | R7950    | R7953 | R6100 | R6700 | R4400 | R4900 | R6000HF | R6200 | R6400 | R6600  | R7960 | R7961 | R7962 | R7964 | R7990    |
| 35.00      | 70.00      | Black  | R7940 | -     | -         | -        | R7950    | -     | -     | -     | -     | R4900 | -       | -     | -     | -      | R7960 | -     | -     | -     | -        |
| 56.00      | 70.00      | Silver | -     | -     | -         | R4500-SV | -        | -     | -     | -     | -     | -     | -       | -     | -     | -      | -     | -     | -     | -     | -        |
| 65.00      | 70.00      | Black  | R7940 | -     | -         | -        | R7950    | R7953 | -     | -     | -     | R4900 | R6000HF | -     | R6400 | -      | -     | -     | -     | -     | -        |
| 85.00      | 70.00      | Black  | R7940 | R7942 | -         | -        | R7950    | R7953 | -     | -     | -     | R4900 | -       | -     | -     | R6600  | R7960 | -     | -     | -     | -        |
| 110.00     | 70.00      | Black  | R7940 | R7942 | -         | -        | R7950    | R7953 | -     | -     | -     | R4900 | R6000HF | -     | R7960 | R6600* | R7960 | R7961 | -     | R7964 | -        |
| 110.00     | 70.00      | Blue   | -     | -     | -         | -        | R7950-BL | -     | -     | -     | -     | -     | -       | -     | -     | -      | -     | -     | -     | -     | R7990-BL |
| 110.00     | 70.00      | Green  | -     | -     | -         | -        | R7950-GR | -     | -     | -     | -     | -     | -       | -     | -     | -      | -     | -     | -     | -     | R7990-GR |
| 110.00     | 70.00      | Red    | -     | -     | -         | -        | R7950-RD | -     | -     | -     | -     | -     | -       | -     | -     | -      | -     | -     | -     | -     | R7990-RD |
| 110.00     | 70.00      | White  | -     | -     | -         | -        | -        | -     | -     | -     | -     | -     | -       | -     | -     | -      | -     | -     | -     | -     | R7990-W  |

\*102 mm wide x 74 m long.

### Ribbons IP Printer

| Width (mm) | Length (m) | Colour | WAX   |       | WAX/RESIN |             |       |       |             |       | RESIN       |          |            |          |          |          |       |       |       |       |       |
|------------|------------|--------|-------|-------|-----------|-------------|-------|-------|-------------|-------|-------------|----------|------------|----------|----------|----------|-------|-------|-------|-------|-------|
|            |            |        | R7940 | R7942 | R4300     | R4500       | R7950 | R7953 | R6100       | R6700 | R4400       | R4900    | R6000HF    | R6200    | R6400    | R6600    | R7960 | R7961 | R7962 | R7964 | R7990 |
| 40.00      | 300.00     | Black  | -     | -     | IP-R4306  | -           | -     | -     | -           | -     | -           | -        | IP-R6008HF | P-R6206  | IP-R6406 | -        | -     | -     | -     | -     | -     |
| 60.00      | 300.00     | Black  | -     | -     | IP-R4302  | -           | -     | -     | IP-R6100    | -     | -           | IP-R4902 | IP-R6000HF | P-R6200  | IP-R6400 | IP-R6600 | -     | -     | -     | -     | -     |
| 60.00      | 300.00     | Blue   | -     | -     | -         | IP-R4500-BL | -     | -     | -           | -     | P-R4400-BL  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 60.00      | 300.00     | Green  | -     | -     | -         | -           | -     | -     | -           | -     | P-R4400-GR  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 60.00      | 300.00     | Red    | -     | -     | -         | IP-R4500-RD | -     | -     | -           | -     | P-R4400-RD  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 60.00      | 300.00     | White  | -     | -     | -         | -           | -     | -     | IP-R6700-WT | -     | -           | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 83.00      | 300.00     | Black  | -     | -     | IP-R4300  | -           | -     | -     | IP-R6102    | -     | -           | IP-R4900 | -          | IP-R6202 | IP-R6402 | IP-R6602 | -     | -     | -     | -     | -     |
| 83.00      | 300.00     | Blue   | -     | -     | -         | IP-R4502-BL | -     | -     | -           | -     | P-R4402-BL  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 83.00      | 300.00     | Green  | -     | -     | -         | -           | -     | -     | -           | -     | P-R4402-GR  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 83.00      | 300.00     | Red    | -     | -     | -         | IP-R4502-RD | -     | -     | -           | -     | P-R4402-RD  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 83.00      | 300.00     | Silver | -     | -     | -         | IP-R4502-SV | -     | -     | -           | -     | -           | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 83.00      | 300.00     | White  | -     | -     | -         | -           | -     | -     | IP-R6702-WT | -     | IP-R4402-WT | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 110.00     | 300.00     | Black  | -     | -     | IP-R4307  | -           | -     | -     | IP-R6107    | -     | -           | -        | IP-R6007HF | P-R6207  | IP-R6407 | IP-R6607 | -     | -     | -     | -     | -     |
| 110.00     | 300.00     | Blue   | -     | -     | -         | IP-R4507-BL | -     | -     | -           | -     | P-R4407-BL  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 110.00     | 300.00     | Red    | -     | -     | -         | IP-R4507-RD | -     | -     | -           | -     | P-R4407-RD  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |
| 110.00     | 300.00     | White  | -     | -     | -         | -           | -     | -     | IP-R6707-WT | -     | P-R4407-WT  | -        | -          | -        | -        | -        | -     | -     | -     | -     |       |

### Ribbons THT 25.4 mm diameter core - ink side out

| Width<br>(mm) | Length<br>(m) | Colour | WAX   |       | WAX/RESIN |          |        |         |       |          | RESIN |          |         |            |       |       |       |       |                    |       |       |
|---------------|---------------|--------|-------|-------|-----------|----------|--------|---------|-------|----------|-------|----------|---------|------------|-------|-------|-------|-------|--------------------|-------|-------|
|               |               |        | R7940 | R7942 | R4300     | R4500    | R7950  | R7953   | R6100 | R6700    | R4400 | R4900    | R6000HF | R6200      | R6400 | R6600 | R7960 | R7961 | R7962              | R7964 | R7990 |
| 25.40         | 300.00        | Black  | -     | -     | R4311     | -        | R7950  | -       | -     | -        | -     | -        | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 40.00         | 300.00        | Black  | -     | R7942 | R4306     | -        | R7950  | -       | -     | -        | -     | -        | -       | R6006HF    | -     | R6406 | R6606 | R7960 | -                  | -     | -     |
| 60.00         | 300.00        | Black  | -     | R7942 | R4302     | -        | R7950  | -       | -     | -        | -     | -        | R4902   | R6000HF    | -     | R6400 | R6600 | -     | R7961              | -     | R7964 |
| 60.00         | 300.00        | Blue   | -     | -     | -         | R4500-BL | -      | -       | -     | -        | -     | R4400-BL | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 60.00         | 300.00        | Green  | -     | -     | -         | -        | -      | -       | -     | -        | -     | R4400-GR | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 60.00         | 300.00        | Red    | -     | -     | -         | R4500-RD | -      | -       | -     | -        | -     | R4400-RD | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 60.00         | 300.00        | White  | -     | -     | -         | -        | -      | -       | -     | R6700-WT | -     | -        | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 83.00         | 300.00        | Black  | -     | -     | R4300     | -        | R7950* | R7953** | -     | -        | -     | -        | R4900   | R6002HF    | -     | R6402 | R6602 | -     | -                  | -     | -     |
| 83.00         | 300.00        | Blue   | -     | -     | -         | R4502-BL | -      | -       | -     | -        | -     | R4402-BL | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 83.00         | 300.00        | Green  | -     | -     | -         | -        | -      | -       | -     | -        | -     | R4402-GR | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 83.00         | 300.00        | Red    | -     | -     | -         | R4502-RD | -      | -       | -     | -        | -     | R4402-RD | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 83.00         | 300.00        | Silver | -     | -     | -         | R4502-SV | -      | -       | -     | -        | -     | -        | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 83.00         | 300.00        | White  | -     | -     | -         | -        | -      | -       | -     | R6702-WT | -     | R4402-WT | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 90.00         | 300.00        | Black  | -     | R7942 | -         | -        | R7950  | R7953   | -     | -        | -     | -        | -       | -          | -     | -     | -     | R7960 | R7961              | R7962 | R7964 |
| 110.00        | 300.00        | Black  | -     | R7942 | R4307     | -        | R7950  | R7953   | R6107 | -        | -     | -        | -       | R6007HF    | -     | R6407 | R6607 | -     | R7961 <sup>2</sup> | R7962 | R7964 |
| 110.00        | 300.00        | Blue   | -     | -     | -         | -        | -      | -       | -     | -        | -     | R4407-BL | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 110.00        | 300.00        | Red    | -     | -     | -         | -        | -      | -       | -     | -        | -     | R4407-RD | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 110.00        | 300.00        | White  | -     | -     | -         | -        | -      | -       | -     | R6707-WT | -     | R4407-WT | -       | -          | -     | -     | -     | -     | R7961              | -     | -     |
| 130.00        | 300.00        | Black  | -     | -     | R4304     | -        | R7950  | -       | -     | -        | -     | -        | R4904   | R6004HF    | -     | -     | -     | -     | -                  | -     | -     |
| 130.00        | 300.00        | Black  | -     | -     | -         | -        | -      | -       | -     | -        | -     | R4404-WT | -       | -          | -     | -     | -     | -     | -                  | -     | -     |
| 170.00        | 300.00        | Black  | -     | R7942 | R4308***  | -        | R7950  | -       | -     | -        | -     | -        | -       | R6008HF*** | -     | -     | -     | R7960 | R7961              | -     | -     |

\*320 m long in stead of 300 m. \*\*80 mm wide in stead of 83 mm wide. \*\*\* 174 mm wide in stead of 170mm wide.

# Thermal Transfer Print Ribbons

## RIBBON / MATERIAL CROSS-REFERENCE GUIDE

To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

|    |                                                                 |
|----|-----------------------------------------------------------------|
| ●  | Recommended ribbon for use with respective material.            |
| ▲  | Acceptable ribbon for use with respective material.             |
| U  | Materials are <b>UL</b> recognized with its respective ribbon.  |
| C  | Materials are <b>CSA</b> approved with its respective ribbon.   |
| cU | Materials are <b>cUL</b> recognized with its respective ribbon. |
| W  | White ribbon                                                    |
| S  | Silver ribbon                                                   |

| B-#    | Material             | R4300   | R4400   | R4500 | R4700 | R4900   | R6000HF  | R6100 | R6200   | R6400   | R6600 | R6700 | R6800 | R7940 | R7942 | R7950   | R7961   |
|--------|----------------------|---------|---------|-------|-------|---------|----------|-------|---------|---------|-------|-------|-------|-------|-------|---------|---------|
| B-109  | Polyethylene Tag     | ●       | —       | —     | —     | —       | —        | —     | ▲       | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-342  | PermaSleeve          | ●       | —       | ● S   | —     | —       | —        | —     | —       | —       | ●     | ● W   | —     | —     | —     | ●       | —       |
| B-345  | PermaSleeve          | —       | ▲ W     | —     | —     | —       | ●        | —     | —       | —       | ▲     | —     | ● W   | —     | —     | —       | —       |
| B-350  | Polyester/Paper      | —       | ▲       | —     | —     | ● U     | ▲        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-351  | Vinyl                | —       | —       | —     | —     | —       | ▲        | —     | ●       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-352  | Vinyl                | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-408  | Paper                | —       | —       | —     | —     | —       | —        | ●     | —       | —       | —     | —     | —     | ▲     | ▲     | —       | —       |
| B-411  | Polyolefin Tag       | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | —       |
| B-412  | Polypropylene Tag    | ▲       | —       | —     | —     | —       | —        | —     | ●       | —       | —     | —     | —     | —     | —     | ▲       | ●       |
| B-413  | Polyester            | —       | ●       | —     | —     | ▲       | ● cU / U | —     | ▲ cU    | —       | —     | —     | —     | —     | —     | —       | ▲       |
| B-422  | Polyester            | —       | ●       | —     | —     | ▲ U     | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | ▲ C     |
| B-423  | Polyester            | —       | ●       | —     | —     | ▲ U     | ● U      | —     | ▲       | —       | —     | —     | —     | —     | —     | —       | ▲ C     |
| B-423Y | Polyester            | —       | —       | —     | —     | —       | ● U      | —     | ▲ U     | —       | —     | —     | —     | —     | —     | —       | —       |
| B-424  | Paper                | ●       | —       | ▲     | —     | —       | —        | ▲     | —       | —       | —     | —     | —     | ▲     | ▲     | ●       | —       |
| B-425  | Polypropylene        | ● U     | —       | ●     | —     | —       | —        | —     | ● U / C | ● U / C | —     | —     | —     | —     | —     | ●       | ▲ U / C |
| B-427  | Vinyl                | ● U     | —       | ▲     | —     | —       | —        | —     | ▲ U     | —       | —     | —     | —     | —     | —     | —       | ▲       |
| B-428  | Polyester            | ● U / C | —       | —     | —     | —       | —        | —     | ▲ C     | —       | —     | —     | —     | —     | —     | ● U     | —       |
| B-430  | Polyester            | —       | ▲       | —     | —     | ▲ U     | ● U      | —     | ▲       | —       | —     | —     | —     | —     | —     | —       | ▲ C     |
| B-432  | Polyester            | —       | ▲       | —     | —     | ▲ U     | ● U      | —     | ▲       | —       | —     | —     | —     | —     | —     | —       | ▲ C     |
| B-433  | Polyester            | —       | —       | —     | —     | ▲ U     | ●        | —     | ▲       | —       | —     | —     | —     | —     | —     | —       | ▲       |
| B-434  | Polyester            | —       | —       | —     | —     | ● U / C | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-435  | Polyester            | —       | —       | —     | —     | ▲ U     | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-436  | Polyimide            | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | —       |
| B-437  | Tedlar®              | ●       | —       | —     | —     | —       | —        | —     | ●       | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-438  | Polyester            | ● U / C | —       | ▲     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ● U / C | —       |
| B-439  | Vinyl                | —       | ▲ W     | —     | —     | ▲       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-449  | Polyolefin           | ▲       | —       | —     | —     | —       | —        | —     | ●       | —       | —     | —     | —     | —     | —     | ▲       | ▲       |
| B-459  | Polyester            | —       | ▲ U     | —     | —     | ▲ U / C | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-473  | Polyester            | —       | —       | —     | —     | ▲ U     | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-476  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-480  | Polyester            | —       | ●       | —     | —     | ▲       | ● cU / U | —     | ▲ U     | —       | —     | —     | —     | —     | —     | —       | ▲       |
| B-483  | Polyester            | —       | ▲       | —     | —     | ▲ U     | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-484  | Polyester            | —       | ▲       | —     | —     | ▲ U     | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-486  | Polyester            | ● U / C | —       | —     | —     | —       | —        | —     | ▲ C     | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-488  | Polyester            | ● U / C | —       | —     | —     | —       | —        | —     | ▲ U / C | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-489  | Polyester            | ● U / C | —       | —     | —     | —       | —        | —     | ▲ U / C | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-498  | Vinyl Cloth          | ▲       | —       | —     | —     | —       | ▲        | —     | ● U     | —       | —     | —     | —     | —     | —     | ▲       | ▲       |
| B-499  | Nylon                | ▲ U / C | —       | ▲     | —     | ● U / C | ▲ U      | —     | ▲       | —       | —     | —     | —     | —     | —     | ▲ U / C | ▲ C     |
| B-508  | Nomex® Tag           | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-533  | Polyester            | —       | ●       | —     | —     | ▲       | ●        | —     | ▲       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-593  | Polyester            | —       | ● U / W | —     | —     | —       | ● cU / U | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-642  | Tedlar®              | ●       | —       | —     | —     | —       | —        | —     | ●       | —       | —     | —     | —     | —     | —     | ●       | —       |
| B-717  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-718  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-719  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-724  | Polyimide            | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | —       |
| B-727  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-728  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-729  | Polyimide            | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7351 | Destructible Vinyl   | —       | —       | —     | —     | —       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7423 | Polyester            | —       | —       | —     | —     | —       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | ▲       |
| B-7425 | Polypropylene        | ●       | —       | —     | —     | —       | —        | —     | ▲       | ●       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-7546 | Polyester            | —       | ▲       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7563 | Metallised Polyester | —       | —       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | ▲ U     |
| B-7566 | Polyester            | —       | ●       | —     | —     | —       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7576 | Polyester            | —       | ▲       | —     | —     | —       | ● U      | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7593 | Polyester            | —       | —       | —     | —     | ▲       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7594 | Polypropylene        | —       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | —       | ● U     |
| B-7597 | Polyethylene         | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-7599 | Polyethylene Tag     | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | —     | —     | ●       | ▲       |
| B-7606 | Paper                | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | ▲     | ▲     | ●       | —       |
| B-7608 | Paper                | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | ▲     | ▲     | ●       | —       |
| B-7610 | Paper                | ●       | —       | —     | —     | —       | —        | —     | —       | —       | —     | —     | —     | ▲     | ▲     | ●       | —       |
| B-7641 | Polyolefin           | —       | —       | —     | —     | —       | ●        | —     | —       | —       | ●     | —     | —     | —     | —     | —       | —       |
| B-7642 | Polyolefin           | ●       | —       | —     | —     | —       | —        | —     | —       | ●       | ●     | —     | —     | —     | —     | ●       | —       |
| B-7643 | Polyurethane         | —       | ● W     | —     | —     | ▲       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-7646 | Polyolefin Sleeve    | —       | —       | —     | —     | —       | —        | —     | —       | —       | ●     | —     | —     | —     | —     | —       | —       |
| B-7696 | Vinyl Tag            | —       | —       | —     | —     | —       | ●        | —     | —       | —       | —     | —     | —     | —     | —     | —       | —       |
| B-8423 | Polyester            | —       | ▲       | —     | —     | —       | ▲ U      | —     | ● U / C | —       | —     | —     | —     | —     | —     | —       | —       |

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## Reference & Index

Use this reference section as a guide to the properties of product materials, the industry recognized standards, and a full part number index.

|                                   |     |
|-----------------------------------|-----|
| Master Material Index .....       | 168 |
| Material Adhesion Comparison..... | 174 |
| Label Index by Size .....         | 175 |
| Product Index .....               | 189 |



# Master Material Index

This section provides a quick reference to Brady materials listed throughout this catalog, including basic attributes, applications and regulatory compliance where applicable.

For more detailed material attribute and performance information, please refer to the material's Technical Data Sheet, listed at [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds).

| Brady Material No.                                                                        | Material                                                    | Finish | Colour            | Temp (°C)<br>(Tested for 30 days)<br>Min.      Max. |        | Performance Attributes                                                                                                                                                                                                                                      | Properties & Applications                                                                                                                                                                                                                                                               | Approval/Compliance                                                                                                                                                              |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------|-------------------|-----------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  B-103   | Polyester Overlaminate                                      | Gloss  | Clear             | -70 °C                                              | 110 °C |          | Clear polyester overlaminating tape recommended for use with most Brady materials. Place tape on top of printed materials to protect against dirt, chemicals and abrasion.                                                                                                              | —                                                                                                                                                                                |
| B-109                                                                                     | Polyethylene Tag                                            | Matt   | White             | -40 °C                                              | 100 °C |          | White polyethylene tag material with matt finish. Excellent multi-purpose tag for identifying multiconductor cables, inventory, safety warning repair and work-in-processing manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.             | —                                                                                                                                                                                |
| B-121                                                                                     | Paper                                                       | Matt   | White             | -70 °C                                              | 60 °C  |                                                                                                                                                                                                                                                             | Removable adhesive; smudge-resistant. Applications requiring inexpensive, removable labels such as inventory or maintenance labels.                                                                                                                                                     | —                                                                                                                                                                                |
| B-122                                                                                     | Tamper-evident Paper                                        | Matt   | White             | -40 °C                                              | 90 °C  |                                                                                                                                                                            | Low internal strength; printable. Applications requiring a label that cannot be removed intact.                                                                                                                                                                                         | —                                                                                                                                                                                |
| B-124                                                                                     | Non-adhesive Paper Inserts                                  | Matt   | White             |                                                     | 66 °C  |                                                                                                                                                                                                                                                             | Designed for 110 terminal block marking.                                                                                                                                                                                                                                                | —                                                                                                                                                                                |
| B-184                                                                                     | Aluminium Foil                                              | Matt   | Silver            | -40 °C                                              | 130 °C |                                                                                                                                                                                                                                                             | Dead soft aluminium foil with good conformability. Permanent debossing when marked. Resistant to heat, oil and solvents. Abrasion-resistant. Environments containing heat, oil or solvents; abrasive environments. Excellent for motor vehicles and outdoor wiring.                     | —                                                                                                                                                                                |
| B-292                                                                                     | Self-laminating Vinyl                                       | Matt   | White/Transparent | -40 °C                                              | 70 °C  |                                                                                                                                                                                                                                                             | Transparent portion of label over-wraps provides a snug fitting, self-laminating shield that resists oil, water and solvents. Also available in orange, grey, violet, brown, yellow, blue, green, red.                                                                                  | UL Recognised                                                                                                                                                                    |
| B-319                                                                                     | Non-shrink Polyolefin Sleeve                                | Matt   | White             | -65 °C                                              | 130 °C |                                                                                                                                                                                                                                                             | Good legend permanence and smudge resistance. Applications requiring sleeve markers, computer-printable. Non heat-shrinkable.                                                                                                                                                           | Meets MIL-M-81531 and MIL-STD-202, Method 215J                                                                                                                                   |
| B-321                                                                                     | Heat-shrink Polyolefin Sleeve                               | Matt   | White             | -40 °C                                              | 120 °C |    | Heat-shrinkable; excellent resistance to oil and solvents. Ink-receptive coating provides permanent legibility. Applications requiring sleeve markers, computer-printable.                                                                                                              | Meets MIL-M-81531 and MIL-STD-202, Method 215J                                                                                                                                   |
| B-342                                                                                     | Heat-shrink Polyolefin Sleeve                               | Matt   | White             | -70 °C                                              | 130 °C |                                                                                       | 3:1 ratio heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection. Fade-resistant and flame retardant. Also available in yellow, black, blue, brown, green, gray, orange, pink, red, violet.                                                | SAE-AMS-DTL-23053/5 C (Class 1); SAE-AS-81531; MIL-STD-202 method 215K; UL224                                                                                                    |
| B-345                                                                                     | High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve | Matt   | White             | -70 °C                                              | 225 °C |    | 2:1 (3/32" is 3:1) ratio heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF. Also available in black, pink, blue, yellow. | Meets the performance requirements of SAE-AMS-DTL-23053/18 (Class 2) for Insulation Sleeving; SAE-AS-81531 Marking of Electrical Insulating Materials; MIL-STD-202G, Method 215K |
|  B-350 | Water-indicating Polyester/Paper Laminate                   | Gloss  | White             | -70 °C                                              | 90 °C  |    | Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting.                                                                                                                                                              | UL Recognised                                                                                                                                                                    |
|  B-351 | Tamper-resistant Vinyl                                      | Matt   | White             | -40 °C                                              | 80 °C  |    | White vinyl material with matt finish. Tamper evident material fractures to show signs of product tampering and prevent one-piece removal.                                                                                                                                              | —                                                                                                                                                                                |
|  B-352 | Tamper-resistant Metallised Vinyl                           | Matt   | Silver            | -40 °C                                              | 80 °C  |    | Metallised vinyl material with matt finish. Tamper evident material fractures to show signs of product tampering and prevent one-piece removal.                                                                                                                                         | UL Recognised                                                                                                                                                                    |
| B-361                                                                                     | Self-laminating Polyester                                   | Gloss  | White/Transparent | -70 °C                                              | 110 °C |                                                                                                                                                                                                                                                             | Blank, printable self-laminating labels for Laser Printers. These labels have a printable area with a clear "tail" that wraps around the marker. The "tail" serves as overlaminate to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.                | —                                                                                                                                                                                |
|  B-367 | Polypropylene                                               | Gloss  | White             | -70 °C                                              | 90 °C  |    | Custom footprint tamper-evident polypropylene for rating plates, tamper seals or package closures that require high performance and evidence of label removal. Also available in silver.                                                                                                | UL Recognised. Compliant to IEC61249-2-21 (2003-11) when printed with R6000 Halogen Free ribbon                                                                                  |
|  B-408 | Repositionable Paper                                        | Matt   | White             |                                                     | 70 °C  |                                                                                                                                                                          | General purpose paper material for thermal transfer printing. White with matt finish and removable adhesive. Can be repositioned or removed.                                                                                                                                            | —                                                                                                                                                                                |
| B-410                                                                                     | Tamper-evident Polyolefin                                   | Matt   | White             | -70 °C                                              | 100 °C |                                                                                                                                                                          | Tamper-resistant laser printable polyolefin. Applications requiring non-removable identification.                                                                                                                                                                                       | —                                                                                                                                                                                |

View the Material Brands & Attributes Guide on page 4.

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| Brady Material No. | Material                      | Finish | Colour            | Temp (°C)<br>(Tested for 30 days) |        | Performance Attributes | Properties & Applications                                                                                                                                                                                                                                                                                                                  | Approval/Compliance                                                                                                                                                                               |
|--------------------|-------------------------------|--------|-------------------|-----------------------------------|--------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                               |        |                   | Min.                              | Max.   |                        |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                   |
| B-411              | Polyolefin                    | Matt   | White             | -40 °C                            | 50 °C  |                        | White polyolefin tag material with matt finish. Offers good resistance to water and chemicals. Not recommended for outdoor use.                                                                                                                                                                                                            | —                                                                                                                                                                                                 |
| B-412              | Polypropylene                 | Matt   | White             | -40 °C                            | 100 °C |                        | White polypropylene tag material with matt finish. Offers high print legibility and high tensile strength.                                                                                                                                                                                                                                 | —                                                                                                                                                                                                 |
| B-413              | Metallic, Non-metal Polyester | Matt   | Silver            | -70 °C                            | 110 °C | <br><br>               | Thermal transfer printable polyester material with metallic-looking finish (non-metallised). Ideal for barcoded asset tracking and rating plate applications.                                                                                                                                                                              | This material is UL Recognised, cUL Recognised with its respective ribbon                                                                                                                         |
| B-422              | Polyester                     | Gloss  | White             | -40 °C                            | 100 °C | <br><br><br>           | White material stock with glossy finish and 2 mils of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, asset and inventory tracking.           | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-423              | Polyester                     | Gloss  | White             | -70 °C                            | 110 °C | <br><br><br>           | White polyester thermal transfer printable material with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.                                                                                                             | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                 |
| B-423YL            | Polyester                     | Gloss  | Yellow            | -70 °C                            | 110 °C |                        | Yellow polyester thermal transfer printable material with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking.                                                                                                                                                                              | UL Recognised                                                                                                                                                                                     |
| B-424              | Paper                         | Matt   | White             | -40 °C                            | 50 °C  |                        | white paper material with matt finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labeling applications                                                                                                                            | —                                                                                                                                                                                                 |
| B-425              | Polypropylene                 | Matt   | White             | -70 °C                            | 80 °C  | <br><br>               | White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.                                                                                                                                 | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                 |
| B-427              | Self-laminating Vinyl         | Matt   | White/Transparent | -80 °C                            | 60 °C  | <br><br>               | Thermal transfer printable, self-laminating material. These labels have a printable area with a clear "tail" that wraps around the marker. The "tail" serves as overlaminate to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt. Also available in grey, brown, green, yellow, blue, red, purple, orange | UL Recognised                                                                                                                                                                                     |
| B-428              | Metallised Polyester          | Matt   | Silver            | -40 °C                            | 120 °C | <br><br><br>           | Thermal transfer printable metallised polyester with matt finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.                                                                                                                    | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                 |
| B-429              | Polyolefin                    | Satin  | White             | -70 °C                            | 80 °C  | <br><br><br>           | Tamper-evident destructible polyolefin designed for E-PROM and rating plate labelling that require high performance and protection against removal.                                                                                                                                                                                        | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-430              | Polyester                     | Gloss  | Clear             | -70 °C                            | 100 °C | <br><br><br>           | Translucent, high performance polyester material with a glossy finish. Thermal transfer printable.                                                                                                                                                                                                                                         | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-432              | Polyester                     | Gloss  | Clear             | -40 °C                            | 100 °C | <br><br><br>           | Translucent, high performance polyester material with a glossy finish. Thermal transfer printable. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.                                                                                                                  | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-434              | Metallised Polyester          | Gloss  | Silver            | -40 °C                            | 90 °C  | <br><br><br>           | Metallised polyester with a glossy finish and a thicker layer of adhesive for better adherence to rough surface applications. Withstands numerous solvents while maintaining excellent image quality.                                                                                                                                      | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-435              | Metallised Polyester          | Gloss  | Silver            | -40 °C                            | 90 °C  | <br><br><br>           | Printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.                                                                                                                                                  | UL Recognised; CSA Accepted                                                                                                                                                                       |
| B-436              | Polyimide                     | Matt   | Amber             | -40 °C                            | 270 °C | <br><br><br>           | Amber polyimide material with matt finish for thermal transfer printing. Removable silicone adhesive for temporary pre-process labelling on printed circuit board or electronic components that require clean removability.                                                                                                                | Meets the requirements of MIL-PRF-55110G General Specification for Printed Wiring Boards; SAE AS81531 Marking of Electrical Insulating Materials; MIL-STD-202G Method 215J Resistance to Solvents |

# Master Material Index

| Brady<br>Material No.                                                                     | Material                            | Finish     | Colour      | Temp (°C)<br>(Tested for 30 days) |        | Performance<br>Attributes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Properties & Applications                                                                                                                                                                                                                                                                                                                                           | Approval/Compliance                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------|-------------------------------------|------------|-------------|-----------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                           |                                     |            |             | Min.                              | Max.   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |
| B-437                                                                                     | Polyvinylfluoride                   | Matt       | White       | -70 °C                            | 135 °C |                   | Polyvinylfluoride label material with matt finish. Used in wire and cable identification applications where self-extinguishing features are required. This label material utilises an adhesive for heavy-duty applications and is available in continuous or die-cut formats. Excellent resistance to water, oil and other common fluids. Also available in yellow. | Meets the requirements of MIL-M-87958, Pressure Sensitive Adhesive Wire or Cable Marker and Identification specification                                                                                                            |
|  B-438   | Tamper-evident Metallised Polyester | Matt       | Silver      | -40 °C                            | 40 °C  |                   | Metallised polyester material with matt finish. Leaves a checkerboard footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                      | UL Recognised                                                                                                                                                                                                                       |
|  B-439   | Vinyl                               | Satin      | White       | -70 °C                            | 40 °C  |                   | Coloured vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labelling. Also available in black, blue, green, orange, purple, silver and yellow.                                                                                                                                            | –                                                                                                                                                                                                                                   |
|  B-449   | Polypropylene                       | Matt       | White       | -70 °C                            | 90 °C  |                   | White polypropylene material stock with matt finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use.                                                                                                                      | –                                                                                                                                                                                                                                   |
|  B-459   | Polyester                           | Matt       | White       | -40 °C                            | 100 °C |                   | White polyester thermal transfer printable material with matt finish. Designed for applications such as topside of printed circuit boards and rating plates that utilize high quality/density alphanumerics, barcodes and graphics.                                                                                                                                 | UL Recognised;CSA Accepted                                                                                                                                                                                                          |
|  B-473   | Static Dissipative Polyester        | Gloss      | White       | -40 °C                            | 120 °C |                   | White Polyester with glossy finish used for printed circuit board and electronic component post-process labelling. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                                                                                                                                       | UL Recognised;CSA Accepted;Meets the requirements of EIA-541 Packaging Material Standards for ESD Sensitive Items; Meets the requirements of ANSI/ESD S541-2008 (between 104 and 1011 ohms) for dissipative ESD packaging materials |
|  B-476   | Polyimide                           | Gloss      | Light Green | -70 °C                            | 300 °C |                | Light Green Polyimide material with glossy finish. Used in printed circuit board and electronic component pre-process labelling.                                                                                                                                                                                                                                    | UL Recognised;Meets the requirements of MIL-STD-202G, Method 215K                                                                                                                                                                   |
|  B-480 | Metallic, Non-metal Polyester       | Matt       | Silver      | -70 °C                            | 110 °C |       | Thermal transfer printable polyester material with metallic-looking finish (non-metallized) and aggressive adhesive for powder coats or rough surface applications. Ideal for barcoded asset tracking and rating plate applications.                                                                                                                                | This material is UL Recognised, cUL Recognised with its respective ribbon                                                                                                                                                           |
|  B-483 | Polyester                           | Gloss      | White       | -40 °C                            | 120 °C |       | White polyester thermal transfer printable material with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.                                                                                                                                                                                                                    | UL Recognised;CSA Accepted                                                                                                                                                                                                          |
|  B-484 | Polyester                           | Gloss      | White       | -40 °C                            | 120 °C |       | White polyester thermal transfer printable material, similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.                                                                                                                                     | UL Recognised                                                                                                                                                                                                                       |
|  B-486 | Metallised Polyester                | Matt       | Silver      | -40 °C                            | 120 °C |       | Thermal transfer printable metallised polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics.                                                                                                                                                                                                    | UL Recognised;CSA Accepted                                                                                                                                                                                                          |
|  B-488 | Polyester                           | Matt       | White       | -70 °C                            | 145 °C |       | White polyester thermal transfer printable material, similar to B-423, but with matt finish. Widely used for component identification, barcoding, asset and inventory tracking.                                                                                                                                                                                     | UL Recognised; CSA Accepted                                                                                                                                                                                                         |
|  B-489 | Polyester                           | Matt       | White       | -40 °C                            | 120 °C |       | White polyester thermal transfer printable material, similar to B-483, but with matt finish.Agressive adhesive specifically designed for powder coated surfaces.                                                                                                                                                                                                    | UL Recognised;CSA Accepted                                                                                                                                                                                                          |
|  B-498 | Vinyl Cloth                         | Semi-gloss | White       | -40 °C                            | 80 °C  |       | White vinyl cloth label material with glossy finish. The adhesive and cloth backing give excellent holding power, while being repositionable and removing cleanly.                                                                                                                                                                                                  | UL Recognised                                                                                                                                                                                                                       |
| B-499                                                                                     | Nylon Cloth                         | Matt       | White       | -40 °C                            | 90 °C  |                                                                                                                                                                                                                                                                | Nylon cloth material with matt finish. The adhesive allows labelling in environments with heat, cold, oil and dirt. Also available in orange, red and yellow.                                                                                                                                                                                                       | UL Recognised;CSA Accepted;Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                     |
| B-502                                                                                     | Vinyl Cloth                         | Matt       | White       | -40 °C                            | 80 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Blank, printable, repositionable vinyl cloth labels for Dot Matrix printers. Also available in yellow.                                                                                                                                                                                                                                                              | –                                                                                                                                                                                                                                   |

View the Material Brands & Attributes Guide on page 4.

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| Brady Material No. | Material          | Finish | Colour                | Temp (°C)<br>(Tested for 30 days) |        | Performance Attributes | Properties & Applications                                                                                                                                                                                                                                                                                                                            | Approval/Compliance                                                                                                                                                                                                      |
|--------------------|-------------------|--------|-----------------------|-----------------------------------|--------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                   |        |                       | Min.                              | Max.   |                        |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                          |
| B-508              | Nomex® Tag        | Matt   | White                 | -70 °C                            | 130 °C |                        | Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance. Also available in green and yellow.                                                                                                                                                                         | —                                                                                                                                                                                                                        |
| B-533              | Polyester         | Gloss  | White                 | -70 °C                            | 100 °C |                        | White polyester thermal transfer material with a glossy finish and removable adhesive. Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and that can be cleanly removed.                                                                                                             | —                                                                                                                                                                                                                        |
| B-593              | Polyester         | Gloss  | White                 | -20 °C                            | 100 °C |                        | EPREP (Engraved Panel REplacement labels) are designed for patch panel identification in identifying external push-buttons, switches and internal connection points. Also available in black, green, red, silver and yellow.                                                                                                                         | UL Recognised; cUL Recognised                                                                                                                                                                                            |
| B-609              | Paper             | Matt   | White                 | -40 °C                            | 70 °C  |                        | Permanent adhesive; smudge resistant; write-on coating; low internal strength. Applications requiring economical, general-purpose label. Also available in yellow.                                                                                                                                                                                   | —                                                                                                                                                                                                                        |
| B-619              | Polyester         | Matt   | White                 | -70 °C                            | 145 °C |                        | Resistant to solvents; smudge-resistant. High resolution; high-temperature performance. Applications requiring bar code printing, electronic component, solvent or high temperature resistance and circuit board ID.                                                                                                                                 | UL Recognised; CSA Accepted                                                                                                                                                                                              |
| B-642              | Polyvinylfluoride | Matt   | White/<br>Transparent | -70 °C                            | 120 °C |                        | Applications requiring self-extinguishing identification. Self-laminating, wire, cable and laboratory vial marking. Excellent abrasion and smudge resistance.                                                                                                                                                                                        | —                                                                                                                                                                                                                        |
| B-652              | Polyimide         | Matt   | Amber                 | -70 °C                            | 270 °C |                        | Amber polyimide material with matt finish an ultra-durable adhesive. Used in printed circuit board and electronic component preprocess labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                | When dot matrix printed meets the requirements of: MIL-P-55110D General Specification for Printed Wiring Boards; MIL-M-81531 Marking of Electrical Insulating Materials; MIL-STD-202F Method 215J Resistance to Solvents |
| B-707              | Polyester         | Matt   | White                 | -40 °C                            | 130 °C |                        | Electronic component labelling; general identification. Rough surface application; stronger bond to low surface energy plastics.                                                                                                                                                                                                                     | UL Recognised; CSA Accepted                                                                                                                                                                                              |
| B-712              | Polyester         | Matt   | Clear                 | -40 °C                            | 105 °C |                        | Electronic component labelling; general identification. Rough surface application; stronger bond to low surface energy plastics.                                                                                                                                                                                                                     | —                                                                                                                                                                                                                        |
| B-717              | Polyimide         | Gloss  | White                 | -70 °C                            | 300 °C |                        | White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                 | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
| B-718              | Polyimide         | Gloss  | White                 | -70 °C                            | 300 °C |                        | White polyimide material, low profile (1 mil thickness), with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials. | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
| B-719              | Polyimide         | Matt   | White                 | -70 °C                            | 300 °C |                        | White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                   | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
| B-722              | Clear Polyester   | Matt   | Clear                 | -40 °C                            | 105 °C |                        | Polyester with permanent acrylic-based adhesive. Design for rating and serial plates using alphanumerics, bar codes, graphic symbols, and logos that require name plate quality. Withstands numerous solvents and can be applied to various surfaces.                                                                                                | Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                                     |
| B-724              | Polyimide         | Matt   | Amber                 | -70 °C                            | 330 °C |                        | Amber polyimide material with matt finish an ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                               | Meets the performance requirements of MIL -STD-202G, Method 215K; Meets the requirements of SAE AS81531 Marking of Electrical Insulating Material                                                                        |
| B-727              | Polyimide         | Gloss  | White                 | -70 °C                            | 300 °C |                        | White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                            | UL Recognised; Meets the performance requirements of MIL -STD-202G, Method 215K; Dibutyltin and Dioctyltin free.                                                                                                         |

# Master Material Index

| Brady Material No.                                                                         | Material                                      | Finish | Colour        | Temp (°C)<br>(Tested for 30 days) |        | Performance Attributes                                                                                                                                                                                                                                                                                                                          | Properties & Applications                                                                                                                                                                                                                                                                                                                                                                                                          | Approval/Compliance                                                             |
|--------------------------------------------------------------------------------------------|-----------------------------------------------|--------|---------------|-----------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|                                                                                            |                                               |        |               | Min.                              | Max.   |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                 |
|  B-728    | Polyimide                                     | Matt   | White         | -70 °C                            | 300 °C |             | White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                                                            | UL Recognised; Meets the performance requirements of MIL -STD-202G, Method 215K |
|  B-729    | Polyimide                                     | Matt   | White         | -70 °C                            | 300 °C |             | White polyimide material, low profile (1 mil thickness), with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                            | UL Recognised; Meets the performance requirements of MIL -STD-202G, Method 215K |
| B-7304                                                                                     | Stainless Steel Grade 304                     |        |               | -80 °C                            | 815 °C |                                                                                                                                                                                                                                                                                                                                                 | Stainless steel cable tags and ties are made out of stainless steel grade 304. Tags can be mechanically embossed or laser engraved.                                                                                                                                                                                                                                                                                                | —                                                                               |
| B-7316                                                                                     | Stainless Steel Grade 316                     |        |               | -80 °C                            | 815 °C |                                                                                                                                                                                                                                                                                                                                                 | Stainless steel cable tags and ties are made out of stainless steel grade 316. Tags can be mechanically embossed or laser engraved.                                                                                                                                                                                                                                                                                                | —                                                                               |
|  B-7351   | Tamper-resistant Vinyl                        | Matt   | White         | -40 °C                            | 80 °C  |             | White vinyl material with matt finish. Tamper evident material fractures to show signs of product tampering and prevent one-piece removal.                                                                                                                                                                                                                                                                                         | —                                                                               |
| B-7423                                                                                     | Polyester                                     | Satin  | White         | -70 °C                            | 110 °C |             | White polyester thermal transfer printable material, similar to B-8423, but specifically designed for auto apply application.                                                                                                                                                                                                                                                                                                      | UL Recognised                                                                   |
| B-747                                                                                      | Polyester                                     | Matt   | White         | -40 °C                            | 130 °C |                                                                                                                                                                                                                                                                                                                                                 | Electronic PCB component, bar code labels. Excellent solvent and smudge resistant; and equipment labelling has high-resolution and high temperature performance. Also available in yellow.                                                                                                                                                                                                                                         | UL Recognised; CSA Accepted                                                     |
|  B-7511  | Irreversible Temperature Indicating Polyester | Gloss  | White on Blue |                                   |        |                                                                                                                                                                                                                                                               | Irreversible, temperature indicating label material. Provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Temperature range covered is 37°C/ 99°F to 143°C/289°F.                                                               | —                                                                               |
|  B-7512 | Irreversible Temperature Indicating PEN       | Gloss  | White on Blue |                                   |        |                                                                                                                                                                           | Irreversible, temperature indicating label material. Provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Available temperature ranges : 149°C /300°F - 177°C/350°F and 182°C/360°F - 210°C/410°F.                              | —                                                                               |
|  B-7546 | Tamper-evident Polyester                      | Gloss  | White         | -40 °C                            | 80 °C  |     | White polyester material with glossy finish. Leaves a "VOID" footprint on the surface. The adhesive does not allow for repositioning to prevent it from being reused.                                                                                                                                                                                                                                                              | UL Recognised; CSA Accepted                                                     |
|  B-7563 | Metallised Polyester                          | Satin  | Silver        | -40 °C                            | 135 °C |     | Thermal transfer printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.                                                                                                                                                                                                                         | UL Recognised                                                                   |
|  B-7566 | Tamper-evident Polyester                      | Gloss  | Clear         | -70 °C                            | 80 °C  |     | Clear polyester material with glossy finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                                                                                              | —                                                                               |
|  B-7576 | Tamper-evident Metallised Polyester           | Matt   | Silver        | -70 °C                            | 100 °C |     | Metallised polyester material with matt finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                                                                                           | UL Recognised                                                                   |
| B-759                                                                                      | Paper                                         | Matt   | White         | -70 °C                            | 90 °C  |                                                                                                                                                                                                                                                                                                                                                 | Permanent adhesive; smudge resistant. Applications requiring economical, general purpose label. Bar code-printable. Excellent toner adhesion.                                                                                                                                                                                                                                                                                      | —                                                                               |
| B-7593                                                                                     | Polyethylene-foam Laminate Polyester          | Gloss  | White         | -40 °C                            | 100 °C |     | Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumerics that require name plate quality. Also available in black, green, red, silver and yellow | —                                                                               |

View the Material Brands & Attributes Guide on page 4.

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| Brady Material No.                                                                         | Material                                      | Finish | Colour | Temp (°C)<br>(Tested for 30 days) |        | Performance Attributes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Properties & Applications                                                                                                                                                                                                                                                     | Approval/Compliance                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------|-----------------------------------------------|--------|--------|-----------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            |                                               |        |        | Min.                              | Max.   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                             |
| B-7594                                                                                     | Polypropylene                                 | Gloss  | White  | -20 °C                            | 100 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | White polypropylene material stock with glossy finish. Used for thermal transfer printing. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use.                                                                              | UL Recognised                                                                                                                                                                                               |
| B-7597                                                                                     | Polyethylene Tag                              | Matt   | White  | -40 °C                            | 100 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Polyethylene tag material. Resists tearing and the topcoat resists smudging and abrasion. Low halogen material. Also available in yellow.                                                                                                                                     | Halogen-free material (VDE 0472 part 815)                                                                                                                                                                   |
| B-7599                                                                                     | Polyethylene Tag                              | Matt   | Yellow | -40 °C                            | 50 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | White polyethylene tag material. Rapido™ Wiremarking Sleeves are fast and easy to apply. Simply squeeze the edges of the material together, thread your wire through the holes and pull away the wire to release the marker.                                                  | Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                        |
| B-7604                                                                                     | Direct Thermal Paper                          | Matt   | White  | -20 °C                            | 80 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | White direct thermal paper material for low cost general labelling applications.                                                                                                                                                                                              | —                                                                                                                                                                                                           |
| B-7606                                                                                     | Paper                                         | Matt   | White  | -40 °C                            | 50 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | General paper label applications as box or logistics labelling.                                                                                                                                                                                                               | —                                                                                                                                                                                                           |
| B-7608                                                                                     | Paper                                         | Matt   | White  | -20 °C                            | 60 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | White thermal transfer printable paper for low cost general labelling applications.                                                                                                                                                                                           | —                                                                                                                                                                                                           |
| B-7610                                                                                     | Paper                                         | Matt   | White  | -40 °C                            | 50 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | White thermal transfer printable paper for low cost general labelling applications.                                                                                                                                                                                           | —                                                                                                                                                                                                           |
| B-7641                                                                                     | Heat-shrink Polyolefin Sleeve                 | Matt   | White  | -70 °C                            | 110 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2:1 ratio heat shrinkable, low halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission. Also available in yellow.                                                                                          | Meets BS-6853 (1999) Vehicle category 1A; European standard EN-45545-2, requirement 24, Vehicle category HL3; Print adherence per SAE-AS5942; Solvent resistance per SAE-AS81531; MIL-STD-202G, Method 215K |
| B-7642                                                                                     | Heat-shrink Polyolefin Sleeve                 | Matt   | Yellow | -40 °C                            | 120 °C |                                                                                                                                                                                                                                                                                                                                                       | 2:1 ratio heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible.                                                                                                                                            | —                                                                                                                                                                                                           |
| B-7643                                                                                     | Thermoplastic Polyether Polyurethane          | Matt   | White  | -40 °C                            | 90 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                      | Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Low halogen material. Also available in black, orange, red and yellow.                                                                                                            | Halogen-free material per IEC 61249-2-21 (2003-11)                                                                                                                                                          |
| B-7644                                                                                     | Polypropylene with Polyester Overlaminant     | Gloss  | Yellow | -10 °C                            | 60 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Laminate carrier for cable identification with strip to laminate text label. The carrier is to be fixed with 2 cable ties directly on the cables and wires.                                                                                                                   | Halogen free                                                                                                                                                                                                |
| B-7645                                                                                     | Polypropylene Tag with Polyester Overlaminant | Gloss  | Yellow | -10 °C                            | 60 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Self-sealing tags for identification of material in tough environments, including valves, instruments, motors and other industrial components. Laminat™ tags can be delivered with a stainless steel reinforcement ring.                                                      | Halogen Free                                                                                                                                                                                                |
| B-7646                                                                                     | Heat-shrink Polyolefin Sleeve                 | Matt   | Yellow | -55 °C                            | 135 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Heat shrinkable wire marking sleeves for wire and cable identification in applications that have exposures to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures.                                                    | SAE AS-81531 and MIL-STD-202 method 215K, NF F 00-608                                                                                                                                                       |
| B-7696                                                                                     | Vinyl Tag                                     | Gloss  | White  | -40 °C                            | 70 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Brady DuraSleeve® printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination. Also available in yellow. | UL94V0                                                                                                                                                                                                      |
| B-773                                                                                      | Metallised Polyester                          | Matt   | Silver | -65 °C                            | 120 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Permanent acrylic adhesive. Designed for rating and serial plate that utilise alphanumeric, graphic symbols and logos. Electronic component marking. Designed to withstand numerous solvents and variable temperatures. Adheres to a variety of surfaces.                     | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                           |
| B-799                                                                                      | Nylon Cloth                                   | Matt   | White  | -40 °C                            | 90 °C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Recommended for applications requiring permanent wire marking or general labelling.                                                                                                                                                                                           | Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                        |
| B-8423                                                                                     | Polyester                                     | Satin  | White  | -70 °C                            | 110 °C |                                                                                                                                                                                                                                                                | Polyester material with satin finish, economical alternative to B-423. Used for component identification, barcoding, asset and inventory tracking. Also available in yellow.                                                                                                  | UL Recognised; CSA Accepted                                                                                                                                                                                 |
|  B-966B | Polyester                                     | Gloss  | Clear  | -70 °C                            | 120 °C |       | A non-printable overlaminant that, when applied over a printed label, provides extra abrasion and chemical resistance.                                                                                                                                                        | —                                                                                                                                                                                                           |

View the Material Brands & Attributes Guide on page 4.

## MATERIAL ADHESION COMPARISON

Adhesion is the attraction between unlike materials. The strength of the adhesion is determined by the surface energy of the item being identified. The higher the surface energy, the greater the likelihood for the label to adhere. A lower surface energy product will be more difficult for a label to adhere.

These following charts are based on relative adhesion after 24 hour dwell within each given surface energy category.

### SMOOTH SURFACE (High Surface Energy)

Typical surface energy levels for this category are above 50 Dynes/cm.

- Stainless steel
- Copper
- Aluminium
- Smooth plastic
- Tin
- Glass
- Smooth metal

### TEXTURED/ROUGH SURFACE (Medium Surface Energy)

Typical surface energy levels for this category are between 38-50 Dynes/cm.

- Cast Metal
- Nylon
- Alkyd enamel
- Polyester
- Epoxy paint
- Polyurethane
- ABS
- Polycarbonate
- PVC
- Acrylic

### HIGHLY TEXTURED SURFACE (Low Surface Energy)

Typical surface energy levels for low surface energy products are below 38 Dynes/cm.

- Polystyrene
- Acetal
- Polyethylene
- Highly textured polypropylene
- Teflon
- Powder Coatings
- Highly textured ABS

## Material/Surface Adhesion Ratings

| SMOOTH SURFACE RATING |     |      |
|-----------------------|-----|------|
| Material              | Low | High |
| B-103                 |     |      |
| B-351                 |     |      |
| B-352                 |     |      |
| B-413                 |     |      |
| B-422                 |     |      |
| B-423                 |     |      |
| B-424                 |     |      |
| B-425                 |     |      |
| B-427                 |     |      |
| B-428                 |     |      |
| B-430                 |     |      |
| B-432                 |     |      |
| B-434                 |     |      |
| B-435                 |     |      |
| B-438                 |     |      |
| B-439                 |     |      |
| B-449                 |     |      |
| B-459                 |     |      |
| B-473                 |     |      |
| B-480                 |     |      |
| B-483                 |     |      |
| B-484                 |     |      |
| B-486                 |     |      |
| B-488                 |     |      |
| B-489                 |     |      |
| B-499                 |     |      |
| B-533                 |     |      |
| B-717                 |     |      |
| B-718                 |     |      |
| B-719                 |     |      |
| B-724                 |     |      |
| B-727                 |     |      |
| B-728                 |     |      |
| B-7351                |     |      |
| B-7546                |     |      |
| B-7566                |     |      |
| B-7576                |     |      |
| B-7593                |     |      |
| B-8423                |     |      |
| B-966B                |     |      |

| TEXTURED/ROUGH SURFACE RATING |     |      |
|-------------------------------|-----|------|
| Material                      | Low | High |
| B-351                         |     |      |
| B-352                         |     |      |
| B-408                         |     |      |
| B-413                         |     |      |
| B-422                         |     |      |
| B-423                         |     |      |
| B-424                         |     |      |
| B-425                         |     |      |
| B-428                         |     |      |
| B-430                         |     |      |
| B-432                         |     |      |
| B-434                         |     |      |
| B-436                         |     |      |
| B-438                         |     |      |
| B-439                         |     |      |
| B-480                         |     |      |
| B-483                         |     |      |
| B-484                         |     |      |
| B-486                         |     |      |
| B-487                         |     |      |
| B-488                         |     |      |
| B-489                         |     |      |
| B-499                         |     |      |
| B-533                         |     |      |
| B-724                         |     |      |
| B-727                         |     |      |
| B-7351                        |     |      |
| B-7546                        |     |      |
| B-7566                        |     |      |
| B-7576                        |     |      |
| B-7593                        |     |      |
| B-8423                        |     |      |

| HIGHLY TEXTURED SURFACE RATING |     |      |
|--------------------------------|-----|------|
| Material                       | Low | High |
| B-351                          |     |      |
| B-352                          |     |      |
| B-358                          |     |      |
| B-408                          |     |      |
| B-413                          |     |      |
| B-422                          |     |      |
| B-423                          |     |      |
| B-424                          |     |      |
| B-425                          |     |      |
| B-427                          |     |      |
| B-428                          |     |      |
| B-430                          |     |      |
| B-432                          |     |      |
| B-434                          |     |      |
| B-436                          |     |      |
| B-439                          |     |      |
| B-449                          |     |      |
| B-459                          |     |      |
| B-480                          |     |      |
| B-483                          |     |      |
| B-484                          |     |      |
| B-486                          |     |      |
| B-488                          |     |      |
| B-489                          |     |      |
| B-499                          |     |      |
| B-533                          |     |      |
| B-724                          |     |      |
| B-7351                         |     |      |
| B-7546                         |     |      |
| B-7566                         |     |      |
| B-7576                         |     |      |
| B-7593                         |     |      |
| B-8423                         |     |      |

Please see Brady Technical Data Sheets at [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for specific adhesion values.

Testing in the specific application is recommended.



| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference    | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------|------|
|                  |                   |                   | 9.53                | B-499              | B33-163-499        | 83   |
|                  |                   |                   | 9.53                | B-499              | M71-82-499         | 57   |
|                  |                   |                   | 9.53                | B-499              | B33-143-499        | 83   |
|                  |                   |                   | 9.53                | B-499              | B33-602-499        | 83   |
|                  |                   |                   | 9.53                | B-499              | B33-602-499YL      | 83   |
|                  |                   |                   | 12.70               | B-499              | B33-126-499        | 83   |
|                  |                   |                   | 12.70               | B-499              | M71-83-499         | 57   |
|                  |                   |                   | 12.70               | B-499              | B33-144-499        | 83   |
|                  |                   |                   | 12.70               | B-499              | B33-603-499        | 83   |
|                  |                   |                   | 12.70               | B-499              | B33-603-499YL      | 83   |
|                  |                   |                   | 13.00               | B-7511             | TIL-1-60C/140F-DIA | 128  |
|                  |                   |                   | 13.00               | B-7511             | TIL-1-71C/160F-DIA | 128  |
|                  |                   |                   | 13.00               | B-7511             | TIL-1-82C/180F-DIA | 128  |
| 5.00             | 5.00              |                   |                     | B-7423             | THT-208-7423-5     | 124  |
| 5.84             |                   | 15.24             |                     | B-412              | M71C-230-412       | 60   |
| 6.00             |                   | 2.10              |                     | B-342              | M21-125-C-342      | 24   |
| 6.00             |                   | 2.10              |                     | B-342              | M21-125-C-342-YL   | 24   |
| 6.00             |                   | 15.24             |                     | B-342              | BM71C-125-342      | 54   |
| 6.00             |                   | 15.24             |                     | B-7641             | BM71C-125-7641     | 55   |
| 6.00             |                   | 15.24             |                     | B-7641             | BM71C-125-7641YL   | 55   |
| 6.10             | 3.81              |                   |                     | B-430              | M71-68-430         | 60   |
| 6.10             |                   | 4.88              |                     | B-498              | MC-240-498         | 30   |
| 6.10             |                   | 9.14              |                     | B-498              | M71C-240-498       | 57   |
| 6.10             |                   | 25.91             |                     | B-498              | B33C-240-498       | 86   |
| 6.10             |                   | 50.29             |                     | B-498              | THT-94-498         | 132  |
| 6.10             |                   | 83.80             |                     | B-498              | BM71C-240-498      | 57   |
| 6.35             | 6.35              |                   |                     | B-423              | M71-1-423          | 63   |
| 6.35             | 6.35              |                   |                     | B-8423             | BPT-11-8423-2.5    | 72   |
| 6.35             | 6.35              |                   |                     | B-457              | B33-11-457         | 81   |
| 6.35             | 6.35              |                   |                     | B-727              | B33-11-727         | 81   |
| 6.35             | 6.35              |                   |                     | B-423              | THT-11-423-10      | 103  |
| 6.35             | 6.35              |                   |                     | B-436              | THT-11-436-10      | 118  |
| 6.35             | 6.35              |                   |                     | B-473              | THT-11-473-10      | 118  |
| 6.35             | 6.35              |                   |                     | B-473              | THT-70-473-20      | 118  |
| 6.35             | 6.35              |                   |                     | B-476              | THT-70-476-20      | 119  |
| 6.35             | 6.35              |                   |                     | B-717              | THT-70-717-20      | 120  |
| 6.35             | 6.35              |                   |                     | B-718              | THT-70-718-20      | 121  |
| 6.35             | 6.35              |                   |                     | B-719              | THT-70-719-20      | 122  |
| 6.35             | 6.35              |                   |                     | B-724              | THT-11-724-10      | 123  |
| 6.35             | 6.35              |                   |                     | B-727              | THT-11-727-10      | 123  |
| 6.35             | 6.35              |                   |                     | B-727              | THT-70-727-20      | 123  |
| 6.35             | 6.35              |                   |                     | B-7423             | THT-209-7423-10    | 124  |
| 6.35             | 6.35              |                   |                     | B-350              | THT-70-350-20      | 128  |
| 6.35             | 19.05             |                   |                     | B-427              | M71-10-427         | 52   |
| 6.35             | 36.50             |                   |                     | B-498              | B33-90-498         | 83   |
| 6.35             | 36.50             |                   |                     | B-498              | THT-90-498-5       | 132  |
| 6.35             | 38.10             |                   |                     | B-427              | M71-28-427         | 52   |
| 6.35             | 50.80             |                   |                     | B-423              | M71-2-423          | 61   |
| 6.35             | 50.80             |                   |                     | B-717              | M71-2-717          | 62   |
| 6.35             |                   | 6.40              |                     | B-430              | M21-250-430-WT-CL  | 25   |
| 6.35             |                   | 6.40              |                     | B-595              | M21-250-595-WT     | 25   |
| 6.35             |                   | 6.40              |                     | B-595              | M21-250-595-YL     | 25   |
| 6.35             |                   | 6.40              |                     | B-430              | M21-250-430        | 25   |
| 6.35             |                   | 6.40              |                     | B-423              | M21-250-423        | 25   |
| 7.92             |                   | 25.91             |                     | B-498              | B33C-312-498       | 86   |
| 8.00             | 4.50              |                   |                     | B-729              | THT-104-729-20     | 124  |
| 8.00             | 8.00              |                   |                     | B-718              | THT-71-718-20      | 121  |
| 8.00             | 8.00              |                   |                     | B-719              | THT-71-719-20      | 122  |
| 8.00             | 8.00              |                   |                     | B-727              | THT-71-727-20      | 123  |
| 8.00             | 125.00            |                   |                     | B-7593             | THTEP-20-7593-WT   | 116  |
| 8.00             |                   | 50.29             |                     | B-498              | THT-93-498         | 132  |
| 8.08             |                   | 4.88              |                     | B-498              | MC-318-498         | 30   |
| 8.08             |                   | 9.14              |                     | B-498              | M71C-318-498       | 57   |
| 8.08             |                   | 83.80             |                     | B-498              | BM71C-318-498      | 57   |
| 8.50             |                   | 2.10              |                     | B-342              | M21-187-C-342      | 24   |
| 8.50             |                   | 2.10              |                     | B-342              | M21-187-C-342-YL   | 24   |
| 8.50             |                   | 15.24             |                     | B-342              | BM71C-187-342      | 54   |
| 8.50             |                   | 15.24             |                     | B-7641             | BM71C-187-7641     | 55   |
| 8.50             |                   | 15.24             |                     | B-7641             | BM71C-187-7641YL   | 55   |
| 8.89             | 5.08              |                   |                     | B-430              | M71-71-430         | 60   |
| 9.53             | 4.60              |                   |                     | B-342              | PS-094-150-WT-4    | 150  |
| 9.53             | 4.60              |                   |                     | B-342              | PS-094-150-WT-S-4  | 150  |
| 9.53             | 8.50              |                   |                     | B-342              | PS-187-150-WT-S-4  | 150  |
| 9.53             | 9.53              |                   |                     | B-423              | M71-3-423          | 63   |
| 9.53             | 9.53              |                   |                     | B-8423             | BPT-38-8423-2.5    | 72   |
| 9.53             | 9.53              |                   |                     | B-423              | THT-38-423-10      | 103  |
| 9.53             | 9.53              |                   |                     | B-473              | THT-38-473-10      | 118  |
| 9.53             | 9.53              |                   |                     | B-717              | THT-38-717-10      | 120  |
| 9.53             | 9.53              |                   |                     | B-718              | THT-38-718-10      | 121  |
| 9.53             | 9.53              |                   |                     | B-719              | THT-38-719-10      | 122  |
| 9.53             | 9.53              |                   |                     | B-727              | THT-38-727-10      | 123  |
| 9.53             | 9.53              |                   |                     | B-7423             | THT-210-7423-5     | 124  |
| 9.53             | 16.40             |                   |                     | B-342              | PS-375-150-WT-S-4  | 150  |
| 9.53             | 20.96             |                   |                     | B-499              | M-130-499          | 31   |
| 9.53             | 25.40             |                   |                     | B-499              | M71-16-499         | 51   |
| 9.53             | 25.40             |                   |                     | B-498              | M71-16-498         | 51   |
| 9.53             |                   | 4.88              |                     | B-499              | MC-375-499         | 31   |
| 9.53             |                   | 4.90              |                     | B-499              | M21-375-499        | 24   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference          | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------------|------|
| 9.53             |                   | 4.90              |                     | B-499              | M21-375-499-TB           | 24   |
| 9.53             |                   | 6.10              |                     | B-412              | MC-375-412               | 28   |
| 9.53             |                   | 6.10              |                     | B-498              | MC-375-498               | 30   |
| 9.53             |                   | 6.40              |                     | B-423              | M21-375-423              | 25   |
| 9.53             |                   | 6.40              |                     | B-430              | M21-375-430              | 25   |
| 9.53             |                   | 6.40              |                     | B-488              | M21-375-488              | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-BL           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-GN           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-OR           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-RD           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-WT           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-YL           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-PL           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-BR           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-GY           | 25   |
| 9.53             |                   | 6.40              |                     | B-595              | M21-375-595-BK           | 25   |
| 9.53             |                   | 6.40              |                     | B-430              | M21-375-430-WT-CL        | 25   |
| 9.53             |                   | 7.62              |                     | B-422              | MC-375-422               | 28   |
| 9.53             |                   | 7.62              |                     | B-595              | MC-375-595-WT-BK         | 29   |
| 9.53             |                   | 7.62              |                     | B-595              | MC-375-595-YL-BK         | 29   |
| 9.53             |                   | 9.14              |                     | B-498              | M71C-375-498             | 57   |
| 9.53             |                   | 15.24             |                     | B-430              | M71C-375-430             | 46   |
| 9.53             |                   | 15.24             |                     | B-422              | M71C-375-422             | 46   |
| 9.53             |                   | 15.24             |                     | B-412              | M71C-375-412             | 60   |
| 9.53             |                   | 25.91             |                     | B-498              | B33C-375-498             | 86   |
| 9.53             |                   | 50.29             |                     | B-498              | THT-92-498               | 132  |
| 9.53             |                   | 83.80             |                     | B-498              | BM71C-375-498            | 57   |
| 10.00            | 4.40              |                   |                     | B-7696             | THTRDS-10x4.4-7696       | 139  |
| 10.16            | 10.16             |                   |                     | B-718              | M71-4-718                | 62   |
| 10.16            | 10.16             |                   |                     | B-423              | M71-4-423                | 63   |
| 10.16            | 50.80             |                   |                     | B-508              | HSNX-400-2-WT            | 134  |
| 10.16            | 50.80             |                   |                     | B-508              | HSNX-400-2-YL            | 134  |
| 11.00            | 74.00             |                   |                     | B-430              | THTTL-1-430              | 136  |
| 11.00            | 124.00            |                   |                     | B-430              | THTTL-2-430              | 136  |
| 11.15            |                   | 2.10              |                     | B-342              | M21-250-C-342            | 24   |
| 11.15            |                   | 2.10              |                     | B-342              | M21-250-C-342-YL         | 24   |
| 11.15            |                   | 15.24             |                     | B-342              | BM71C-250-342            | 54   |
| 11.15            |                   | 15.24             |                     | B-7641             | BM71C-250-7641           | 55   |
| 11.15            |                   | 15.24             |                     | B-7641             | BM71C-250-7641YL         | 55   |
| 11.21            | 8.50              |                   |                     | B-342              | BM71-187-175-342-4       | 53   |
| 12.00            | 4.40              |                   |                     | B-7696             | THTRDS-12x4.4-7696       | 139  |
| 12.00            | 50.00             |                   |                     | B-109              | M71-60-109               | 56   |
| 12.00            | 50.00             |                   |                     | B-109              | BM71-60-109              | 56   |
| 12.07            |                   | 6.10              |                     | B-412              | MC-475-412               | 28   |
| 12.07            |                   | 7.62              |                     | B-422              | MC-475-422               | 28   |
| 12.07            |                   | 15.24             |                     | B-422              | M71C-475-422             | 46   |
| 12.70            | 4.60              |                   |                     | B-342              | PS-094-150-WT-S-3        | 150  |
| 12.70            | 4.60              |                   |                     | B-342              | PS-094-2-WT-4            | 151  |
| 12.70            | 4.60              |                   |                     | B-342              | PS-094-2-WT-S-4          | 151  |
| 12.70            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT-4           | 152  |
| 12.70            | 4.60              |                   |                     | B-7641             | LSZH-094-2-WT-4          | 156  |
| 12.70            | 4.60              |                   |                     | B-7641             | 2LSZH-094-2-WT-4         | 157  |
| 12.70            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-4           | 160  |
| 12.70            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-J-4         | 160  |
| 12.70            | 4.80              |                   |                     | B-7646             | 3DPS-2.4x50mm-B7646YL-4S | 164  |
| 12.70            | 5.08              |                   |                     | B-423              | M71-5-423                | 63   |
| 12.70            | 5.08              |                   |                     | B-422              | THT-36-422-10            | 103  |
| 12.70            | 5.08              |                   |                     | B-423              | THT-97-423-10            | 103  |
| 12.70            | 5.08              |                   |                     | B-423              | THT-36-423-10            | 103  |
| 12.70            | 5.08              |                   |                     | B-473              | THT-36-473-10            | 118  |
| 12.70            | 5.08              |                   |                     | B-473              | THT-97-473-10            | 118  |
| 12.70            | 5.08              |                   |                     | B-717              | THT-97-717-10            | 120  |
| 12.70            | 5.08              |                   |                     | B-718              | THT-97-718-10            | 121  |
| 12.70            | 6.00              |                   |                     | B-342              | PS-125-150-WT-3          | 150  |
| 12.70            | 6.00              |                   |                     | B-342              | PS-125-150-WT-S-3        | 150  |
| 12.70            | 6.00              |                   |                     | B-342              | PS-125-2-WT-S-4          | 151  |
| 12.70            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT-4           | 152  |
| 12.70            | 6.00              |                   |                     | B-7641             | LSZH-125-2-WT-4          | 156  |
| 12.70            | 6.00              |                   |                     | B-7641             | 2LSZH-125-2-WT-4         | 157  |
| 12.70            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-4           | 160  |
| 12.70            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-J-4         | 160  |
| 12.70            | 6.60              |                   |                     | B-7646             | 3:1DPS-3.2x50-B7646YL-4S | 163  |
| 12.70            | 6.60              |                   |                     | B-7646             | 3DPS-3.2x50mm-B7646YL-4S | 164  |
| 12.70            | 6.99              |                   |                     | B-423              | M71-6-423                | 63   |
| 12.70            | 6.99              |                   |                     | B-473              | M71-6-473                | 63   |
| 12.70            | 6.99              |                   |                     | B-473              | THT-96-473-10            | 118  |
| 12.70            | 6.99              |                   |                     | B-717              | THT-96-717-10            | 120  |
| 12.70            | 8.50              |                   |                     | B-342              | PS-187-150-WT-3          | 150  |
| 12.70            | 8.50              |                   |                     | B-342              | PS-187-150-WT-S-3        | 150  |
| 12.70            | 8.50              |                   |                     | B-342              | PS-187-2-WT-4            | 151  |
| 12.70            | 8.50              |                   |                     | B-342              | PS-187-2-WT-S-4          | 151  |
| 12.70            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-4           | 152  |
| 12.70            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-S-4         | 152  |
| 12.70            | 8.50              |                   |                     | B-7641             | LSZH-187-2-WT-4          | 156  |
| 12.70            | 8.50              |                   |                     | B-7641             | 2LSZH-187-2-WT-4         | 157  |
| 12.70            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-4           | 160  |
| 12.70            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-J-4         | 160  |
| 12.70            | 9.20              |                   |                     | B-7646             | 3:1DPS-4.8x50-B7646YL-4S | 163  |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference           | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------|------|
| 12.70            | 9.20              |                   |                     | B-7646             | 3DPS-4.8x50mm-B7646YL-4S  | 164  |
| 12.70            | 11.10             |                   |                     | B-8423             | BPT-12-8423-2.5           | 72   |
| 12.70            | 11.10             |                   |                     | B-8423             | B33-12-8423               | 79   |
| 12.70            | 11.10             |                   |                     | B-413              | THT-12-413-10             | 102  |
| 12.70            | 11.10             |                   |                     | B-423              | THT-12-423-10             | 103  |
| 12.70            | 11.10             |                   |                     | B-428              | THT-12-428-10             | 105  |
| 12.70            | 11.10             |                   |                     | B-435              | THT-12-435-10             | 106  |
| 12.70            | 11.10             |                   |                     | B-533              | THT-12-533-10             | 110  |
| 12.70            | 11.10             |                   |                     | B-473              | THT-12-473-10             | 119  |
| 12.70            | 11.10             |                   |                     | B-717              | THT-12-717-10             | 120  |
| 12.70            | 11.10             |                   |                     | B-718              | THT-12-718-10             | 121  |
| 12.70            | 11.10             |                   |                     | B-719              | THT-12-719-10             | 122  |
| 12.70            | 11.10             |                   |                     | B-724              | THT-12-724-10             | 123  |
| 12.70            | 11.10             |                   |                     | B-727              | THT-12-727-10             | 123  |
| 12.70            | 11.10             |                   |                     | B-438              | THT-12-438-10             | 126  |
| 12.70            | 11.10             |                   |                     | B-7351             | THT-12-7351-10            | 126  |
| 12.70            | 11.15             |                   |                     | B-342              | PS-250-150-WT-3           | 150  |
| 12.70            | 11.15             |                   |                     | B-342              | PS-250-150-WT-S-3         | 150  |
| 12.70            | 11.15             |                   |                     | B-342              | PS-250-2-WT-S-4           | 151  |
| 12.70            | 11.15             |                   |                     | B-342              | PS-250-2-WT-4             | 151  |
| 12.70            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT-4            | 152  |
| 12.70            | 11.15             |                   |                     | B-7641             | LSZH-250-2-WT-4           | 156  |
| 12.70            | 11.15             |                   |                     | B-7641             | 2LSZH-250-2-WT-4          | 157  |
| 12.70            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-4            | 160  |
| 12.70            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-J-4          | 160  |
| 12.70            | 11.25             |                   |                     | B-7646             | 3:1DPS-6.4x50-B7646YL-4S  | 163  |
| 12.70            | 11.25             |                   |                     | B-7646             | 3DPS-6.4x50mm-B7646YL-4S  | 164  |
| 12.70            | 12.70             |                   |                     | B-422              | M-7-422                   | 28   |
| 12.70            | 12.70             |                   |                     | B-498              | M-7-498                   | 30   |
| 12.70            | 12.70             |                   |                     | B-498              | M71-7-498                 | 51   |
| 12.70            | 12.70             |                   |                     | B-499              | M71-7-499                 | 51   |
| 12.70            | 12.70             |                   |                     | B-423              | M71-7-423                 | 63   |
| 12.70            | 12.70             |                   |                     | B-423              | BM71-7-423                | 63   |
| 12.70            | 12.70             |                   |                     | B-7423             | THT-211-7423-5            | 124  |
| 12.70            | 12.70             |                   |                     | B-7566             | THT-149-7566-10           | 127  |
| 12.70            | 16.40             |                   |                     | B-342              | PS-375-150-WT-3           | 150  |
| 12.70            | 16.40             |                   |                     | B-342              | PS-375-150-WT-S-3         | 150  |
| 12.70            | 16.40             |                   |                     | B-342              | PS-375-2-WT-4             | 151  |
| 12.70            | 16.40             |                   |                     | B-342              | PS-375-2-WT-S-4           | 151  |
| 12.70            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-4            | 152  |
| 12.70            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-S-4          | 152  |
| 12.70            | 16.40             |                   |                     | B-7641             | LSZH-375-2-WT-4           | 156  |
| 12.70            | 16.40             |                   |                     | B-7641             | 2LSZH-375-2-WT-4          | 157  |
| 12.70            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-4            | 160  |
| 12.70            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-J-4          | 160  |
| 12.70            | 16.50             |                   |                     | B-7646             | 3:1DPS-9.5x50-B7646YL-4S  | 163  |
| 12.70            | 16.50             |                   |                     | B-7646             | 3DPS-9.5x50mm-B7646YL-4S  | 164  |
| 12.70            | 19.05             |                   |                     | B-427              | M-11-427                  | 32   |
| 12.70            | 19.05             |                   |                     | B-427              | M71-11-427                | 52   |
| 12.70            | 19.05             |                   |                     | B-427              | BM71-11-427               | 52   |
| 12.70            | 19.05             |                   |                     | B-499              | B33-68-499                | 83   |
| 12.70            | 19.05             |                   |                     | B-498              | B33-68-498                | 83   |
| 12.70            | 19.05             |                   |                     | B-427              | B33-80-427                | 84   |
| 12.70            | 19.05             |                   |                     | B-427              | WRAP-1-427                | 97   |
| 12.70            | 19.05             |                   |                     | B-499              | WRAP-7-499                | 97   |
| 12.70            | 19.05             |                   |                     | B-427              | THT-80-427-5              | 130  |
| 12.70            | 19.05             |                   |                     | B-498              | THT-68-498-10             | 132  |
| 12.70            | 19.05             |                   |                     | B-499              | THT-68-499-10             | 133  |
| 12.70            | 20.80             |                   |                     | B-7646             | 3:1DPS-12.7x50-B7646YL-4S | 163  |
| 12.70            | 20.80             |                   |                     | B-7646             | 3DPS-12.7x50mm-B7646YL-4S | 164  |
| 12.70            | 21.60             |                   |                     | B-342              | PS-500-2-WT-S-4           | 151  |
| 12.70            | 21.60             |                   |                     | B-7641             | LSZH-500-2-WT-4           | 156  |
| 12.70            | 21.60             |                   |                     | B-7641             | 2LSZH-500-2-WT-4          | 157  |
| 12.70            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-4            | 160  |
| 12.70            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-J-4          | 160  |
| 12.70            | 25.40             |                   |                     | B-427              | M-47-427                  | 29   |
| 12.70            | 25.40             |                   |                     | B-498              | M-131-498                 | 30   |
| 12.70            | 25.40             |                   |                     | B-499              | M-131-499                 | 31   |
| 12.70            | 25.40             |                   |                     | B-427              | M71-17-427                | 52   |
| 12.70            | 25.40             |                   |                     | B-427              | BM71-17-427               | 52   |
| 12.70            | 25.40             |                   |                     | B-498              | BPT-611-498               | 73   |
| 12.70            | 25.40             |                   |                     | B-499              | BPT-611-499               | 73   |
| 12.70            | 25.40             |                   |                     | B-499              | BPT-620-499               | 73   |
| 12.70            | 25.40             |                   |                     | B-427              | B33-113-427               | 84   |
| 12.70            | 25.40             |                   |                     | B-499              | B33-611-499               | 85   |
| 12.70            | 25.40             |                   |                     | B-499              | B33-620-499               | 85   |
| 12.70            | 31.20             |                   |                     | B-7646             | 3DPS-19.1x50mm-B7646YL-4S | 164  |
| 12.70            | 31.40             |                   |                     | B-7641             | LSZH-750-2-WT-4           | 156  |
| 12.70            | 31.40             |                   |                     | B-7641             | 2LSZH-750-2-WT-4          | 157  |
| 12.70            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-4            | 160  |
| 12.70            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-J-4          | 160  |
| 12.70            | 31.75             |                   |                     | B-427              | M-102-427                 | 29   |
| 12.70            | 31.75             |                   |                     | B-427              | BPT-305-427               | 73   |
| 12.70            | 31.75             |                   |                     | B-427              | B30-231-427               | 84   |
| 12.70            | 33.02             |                   |                     | B-428              | M-92-428-BB               | 28   |
| 12.70            | 36.50             |                   |                     | B-498              | B33-87-498                | 83   |
| 12.70            | 36.50             |                   |                     | B-427              | B33-8-427                 | 84   |
| 12.70            | 36.50             |                   |                     | B-427              | THT-8-427-10              | 130  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference           | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------|------|
| 12.70            | 36.50             |                   |                     | B-498              | THT-87-498-5              | 132  |
| 12.70            | 38.10             |                   |                     | B-422              | M-89-422                  | 28   |
| 12.70            | 38.10             |                   |                     | B-427              | M-89-427                  | 29   |
| 12.70            | 38.10             |                   |                     | B-427              | M71-29-427                | 52   |
| 12.70            | 38.10             |                   |                     | B-427              | BM71-29-427               | 52   |
| 12.70            | 38.10             |                   |                     | B-427              | WRAP-11-427               | 97   |
| 12.70            | 41.00             |                   |                     | B-7646             | 3DPS-25.4x50mm-B7646YL-4S | 164  |
| 12.70            | 42.16             |                   |                     | B-7641             | LSZH-1000-2-WT-4          | 156  |
| 12.70            | 42.16             |                   |                     | B-7641             | 2LSZH-1000-2-WT-4         | 157  |
| 12.70            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-4           | 160  |
| 12.70            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-4-J         | 160  |
| 12.70            | 50.80             |                   |                     | B-483              | M-61-483                  | 28   |
| 12.70            | 50.80             |                   |                     | B-483              | M71-61-483                | 61   |
| 12.70            | 63.00             |                   |                     | B-7646             | 3DPS-38.1x50mm-B7646YL-4S | 164  |
| 12.70            |                   | 4.88              |                     | B-499              | MC-500-499                | 31   |
| 12.70            |                   | 4.90              |                     | B-499              | M21-500-499               | 24   |
| 12.70            |                   | 4.90              |                     | B-499              | M21-500-499-TB            | 24   |
| 12.70            |                   | 6.10              |                     | B-595              | MC-500-595-CL-WT          | 29   |
| 12.70            |                   | 6.10              |                     | B-595              | MC-500-595-CL-BK          | 33   |
| 12.70            |                   | 6.10              |                     | B-584              | MC-500-584                | 33   |
| 12.70            |                   | 6.10              |                     | B-584              | MC-500-584-YL             | 33   |
| 12.70            |                   | 6.40              |                     | B-423              | M21-500-423               | 25   |
| 12.70            |                   | 6.40              |                     | B-430              | M21-500-430               | 25   |
| 12.70            |                   | 6.40              |                     | B-488              | M21-500-488               | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-BL            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-GN            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-OR            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-RD            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-WT            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-YL            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-PL            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-BR            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-GY            | 25   |
| 12.70            |                   | 6.40              |                     | B-595              | M21-500-595-BK            | 25   |
| 12.70            |                   | 6.40              |                     | B-430              | M21-500-430-WT-CL         | 25   |
| 12.70            |                   | 7.62              |                     | B-422              | MC-500-422                | 28   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-YL-BK          | 29   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-OR-BK          | 31   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-BL-WT          | 33   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-GN-WT          | 33   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-RD-WT          | 33   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-WT-BK          | 33   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-WT-RD          | 33   |
| 12.70            |                   | 7.62              |                     | B-595              | MC-500-595-BK-WT          | 33   |
| 12.70            |                   | 9.10              |                     | B-498              | M71C-500-498              | 51   |
| 12.70            |                   | 9.10              |                     | B-499              | M71C-500-499              | 51   |
| 12.70            |                   | 15.24             |                     | B-422              | M71C-500-422              | 46   |
| 12.70            |                   | 15.24             |                     | B-483              | M71C-500-483              | 46   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-BK           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-BL           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-BR           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-CL           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-GD           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-GN           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-GY           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-LB           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-OC           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-OR           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-PK           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-PL           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-RD           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-SB           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-TN           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-WT           | 47   |
| 12.70            |                   | 15.24             |                     | B-595              | M71C-500-595-YL           | 47   |
| 12.70            |                   | 15.24             |                     | B-423              | M71C-500-423              | 48   |
| 12.70            |                   | 15.24             |                     | B-428              | M71C-500-428              | 48   |
| 12.70            |                   | 15.24             |                     | B-581              | M71C-500-581-WT           | 49   |
| 12.70            |                   | 15.24             |                     | B-581              | M71C-500-581-YL           | 49   |
| 12.70            |                   | 15.24             |                     | B-412              | M71C-475-412              | 60   |
| 12.70            |                   | 15.24             |                     | B-412              | M71C-500-412              | 60   |
| 12.70            |                   | 15.24             |                     | B-430              | M71C-500-430              | 60   |
| 12.70            |                   | 15.24             |                     | B-530              | M71C-500-530              | 64   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-BK          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-BL          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-GN          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-OR          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-RD          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-WT          | 77   |
| 12.70            |                   | 30.00             |                     | B-7569             | B30C-500-7569-YL          | 77   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-BK           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-BL           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-BR           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-CL           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-GD           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-GN           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-GY           | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-OR           | 76   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference          | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------------|------|
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-PL          | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-RD          | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-WT          | 76   |
| 12.70            |                   | 30.40             |                     | B-595              | B30C-500-595-YL          | 76   |
| 12.89            | 4.60              |                   |                     | B-342              | BM71-94-1-342-2          | 53   |
| 12.89            | 6.00              |                   |                     | B-342              | BM71-125-1-342-2         | 53   |
| 12.89            | 8.50              |                   |                     | B-342              | BM71-187-1-342-2         | 53   |
| 12.89            | 16.40             |                   |                     | B-342              | BM71-375-1-342-2         | 53   |
| 14.94            | 6.00              |                   |                     | B-342              | BM71-125-175-342-3       | 53   |
| 14.94            | 8.50              |                   |                     | B-342              | BM71-187-175-342-3       | 53   |
| 14.94            | 21.60             |                   |                     | B-342              | BM71-500-175-342-YL-3    | 53   |
| 15.88            |                   | 6.10              |                     | B-412              | MC-625-412               | 28   |
| 15.88            |                   | 7.62              |                     | B-422              | MC-625-422               | 28   |
| 15.88            |                   | 15.24             |                     | B-422              | M71C-625-422             | 46   |
| 15.88            |                   | 15.24             |                     | B-412              | M71C-625-412             | 60   |
| 16.00            | 4.40              |                   |                     | B-7696             | BPTRDS-16x4,4-7696       | 73   |
| 16.00            | 4.40              |                   |                     | B-7696             | BPTRDS-16x4,4-7696-YL    | 73   |
| 16.00            | 4.40              |                   |                     | B-7696             | THTRDS-16x4,4-7696       | 139  |
| 16.00            | 4.40              |                   |                     | B-7696             | THTRDS-16x4,4-7696-YL    | 139  |
| 16.00            | 9.00              |                   |                     | B-8423             | BPT- G2-8423-YL          | 72   |
| 16.40            |                   | 2.10              |                     | B-342              | M21-375-C-342            | 24   |
| 16.40            |                   | 2.10              |                     | B-342              | M21-375-C-342-YL         | 24   |
| 16.40            |                   | 15.24             |                     | B-342              | BM71C-375-342            | 54   |
| 16.40            |                   | 15.24             |                     | B-7641             | BM71C-375-7641           | 55   |
| 16.40            |                   | 15.24             |                     | B-7641             | BM71C-375-7641YL         | 55   |
| 16.50            | 5.10              |                   |                     | B-103              | LAM-1-103                | 114  |
| 16.51            | 5.08              |                   |                     | B-718              | M71-9-718                | 62   |
| 16.51            | 5.08              |                   |                     | B-724              | M71-9-724                | 62   |
| 16.51            | 5.08              |                   |                     | B-473              | M71-9-473                | 63   |
| 16.51            | 5.08              |                   |                     | B-423              | M71-9-423                | 63   |
| 16.51            | 5.08              |                   |                     | B-8423             | BPT-14-8423-2.5          | 72   |
| 16.51            | 5.08              |                   |                     | B-478              | B33-14-478               | 81   |
| 16.51            | 5.08              |                   |                     | B-477              | B33-14-477               | 81   |
| 16.51            | 5.08              |                   |                     | B-457              | B33-14-457               | 81   |
| 16.51            | 5.08              |                   |                     | B-426              | B33-14-426               | 81   |
| 16.51            | 5.08              |                   |                     | B-717              | B33-14-717               | 81   |
| 16.51            | 5.08              |                   |                     | B-718              | B33-14-718               | 81   |
| 16.51            | 5.08              |                   |                     | B-724              | B33-14-724               | 81   |
| 16.51            | 5.08              |                   |                     | B-727              | B33-14-727               | 81   |
| 16.51            | 5.08              |                   |                     | B-498              | B33-14-498               | 85   |
| 16.51            | 5.08              |                   |                     | B-423              | THT-14-423-10            | 103  |
| 16.51            | 5.08              |                   |                     | B-423              | THT-47-423-10            | 103  |
| 16.51            | 5.08              |                   |                     | B-459              | THT-14-459-10            | 108  |
| 16.51            | 5.08              |                   |                     | B-488              | THT-14-488-10            | 109  |
| 16.51            | 5.08              |                   |                     | B-436              | THT-14-436-10            | 118  |
| 16.51            | 5.08              |                   |                     | B-476              | THT-14-476-10            | 119  |
| 16.51            | 5.08              |                   |                     | B-476              | THT-47-476-10            | 119  |
| 16.51            | 5.08              |                   |                     | B-473              | THT-14-473-10            | 119  |
| 16.51            | 5.08              |                   |                     | B-473              | THT-47-473-10            | 119  |
| 16.51            | 5.08              |                   |                     | B-717              | THT-14-717-10            | 120  |
| 16.51            | 5.08              |                   |                     | B-717              | THT-47-717-10            | 120  |
| 16.51            | 5.08              |                   |                     | B-718              | THT-14-718-10            | 121  |
| 16.51            | 5.08              |                   |                     | B-718              | THT-47-718-10            | 121  |
| 16.51            | 5.08              |                   |                     | B-719              | THT-14-719-10            | 122  |
| 16.51            | 5.08              |                   |                     | B-719              | THT-47-719-10            | 122  |
| 16.51            | 5.08              |                   |                     | B-724              | THT-14-724-10            | 123  |
| 16.51            | 5.08              |                   |                     | B-727              | THT-14-727-10            | 123  |
| 16.51            | 5.08              |                   |                     | B-727              | THT-47-727-10            | 123  |
| 16.51            | 5.08              |                   |                     | B-728              | THT-14-728-10            | 124  |
| 16.51            | 5.08              |                   |                     | B-438              | THT-14-438-10            | 126  |
| 16.51            | 5.08              |                   |                     | B-7351             | THT-14-7351-10           | 126  |
| 16.51            | 5.08              |                   |                     | B-498              | THT-14-498-10            | 132  |
| 16.94            | 4.60              |                   |                     | B-342              | PS-094-2-WT-3            | 151  |
| 16.94            | 4.60              |                   |                     | B-342              | PS-094-2-WT-S-3          | 151  |
| 16.94            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT-3           | 152  |
| 16.94            | 4.60              |                   |                     | B-7641             | LSZH-094-2-WT-3          | 156  |
| 16.94            | 4.60              |                   |                     | B-7641             | 2LSZH-094-2-WT-3         | 157  |
| 16.94            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-3           | 160  |
| 16.94            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-J-3         | 160  |
| 16.94            | 4.80              |                   |                     | B-7646             | 3DPS-2.4x50mm-B7646YL-3S | 164  |
| 16.94            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT-3           | 152  |
| 16.94            | 6.00              |                   |                     | B-7641             | LSZH-125-2-WT-3          | 156  |
| 16.94            | 6.00              |                   |                     | B-7641             | 2LSZH-125-2-WT-3         | 157  |
| 16.94            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-3           | 160  |
| 16.94            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-J-3         | 160  |
| 16.94            | 6.60              |                   |                     | B-7646             | 3:1DPS-3.2x50-B7646YL-3S | 163  |
| 16.94            | 6.60              |                   |                     | B-7646             | 3DPS-3.2x50mm-B7646YL-3S | 164  |
| 16.94            | 8.50              |                   |                     | B-342              | PS-187-2-WT-3            | 151  |
| 16.94            | 8.50              |                   |                     | B-342              | PS-187-2-WT-S-3          | 151  |
| 16.94            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-3           | 152  |
| 16.94            | 8.50              |                   |                     | B-7641             | LSZH-187-2-WT-3          | 156  |
| 16.94            | 8.50              |                   |                     | B-7641             | 2LSZH-187-2-WT-3         | 157  |
| 16.94            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-3           | 160  |
| 16.94            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-J-3         | 160  |
| 16.94            | 9.20              |                   |                     | B-7646             | 3:1DPS-4.8x50-B7646YL-3S | 163  |
| 16.94            | 9.20              |                   |                     | B-7646             | 3DPS-4.8x50mm-B7646YL-3S | 164  |
| 16.94            | 11.15             |                   |                     | B-342              | PS-250-2-WT-3            | 151  |
| 16.94            | 11.15             |                   |                     | B-342              | PS-250-2-WT-S-3          | 151  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference           | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------|------|
| 16.94            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT-3            | 152  |
| 16.94            | 11.15             |                   |                     | B-7641             | LSZH-250-2-WT-3           | 156  |
| 16.94            | 11.15             |                   |                     | B-7641             | 2LSZH-250-2-WT-3          | 157  |
| 16.94            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-3            | 160  |
| 16.94            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-J-3          | 160  |
| 16.94            | 11.25             |                   |                     | B-7646             | 3:1DPS-6.4x50-B7646YL-3S  | 163  |
| 16.94            | 11.25             |                   |                     | B-7646             | 3DPS-6.4x50mm-B7646YL-3S  | 164  |
| 16.94            | 16.40             |                   |                     | B-342              | PS-375-2-WT-3             | 151  |
| 16.94            | 16.40             |                   |                     | B-342              | PS-375-2-WT-S-3           | 151  |
| 16.94            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-3            | 152  |
| 16.94            | 16.40             |                   |                     | B-7641             | LSZH-375-2-WT-3           | 156  |
| 16.94            | 16.40             |                   |                     | B-7641             | 2LSZH-375-2-WT-3          | 157  |
| 16.94            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-3            | 160  |
| 16.94            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-J-3          | 160  |
| 16.94            | 16.50             |                   |                     | B-7646             | 3:1DPS-9.5x50-B7646YL-3S  | 163  |
| 16.94            | 16.50             |                   |                     | B-7646             | 3DPS-9.5x50mm-B7646YL-3S  | 164  |
| 16.94            | 20.80             |                   |                     | B-7646             | 3:1DPS-12.7x50-B7646YL-3S | 163  |
| 16.94            | 20.80             |                   |                     | B-7646             | 3DPS-12.7x50mm-B7646YL-3S | 164  |
| 16.94            | 21.60             |                   |                     | B-7641             | LSZH-500-2-WT-3           | 156  |
| 16.94            | 21.60             |                   |                     | B-7641             | 2LSZH-500-2-WT-3          | 157  |
| 16.94            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-3            | 160  |
| 16.94            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-J-3          | 160  |
| 16.94            | 31.20             |                   |                     | B-7646             | 3DPS-19.1x50mm-B7646YL-3S | 164  |
| 16.94            | 31.40             |                   |                     | B-7641             | LSZH-750-2-WT-3           | 156  |
| 16.94            | 31.40             |                   |                     | B-7641             | 2LSZH-750-2-WT-3          | 157  |
| 16.94            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-3            | 160  |
| 16.94            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-J-3          | 160  |
| 16.94            | 41.00             |                   |                     | B-7646             | 3DPS-25.4x50mm-B7646YL-3S | 164  |
| 16.94            | 42.16             |                   |                     | B-7641             | LSZH-1000-2-WT-3          | 156  |
| 16.94            | 42.16             |                   |                     | B-7641             | 2LSZH-1000-2-WT-3         | 157  |
| 16.94            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-3           | 160  |
| 16.94            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-J-3         | 160  |
| 16.94            | 63.00             |                   |                     | B-7646             | 3DPS-38.1x50mm-B7646YL-3S | 164  |
| 17.34            | 3.66              |                   |                     | B-7696             | BM71D-1-7696              | 55   |
| 17.34            | 3.66              |                   |                     | B-7696             | BM71D-1-7696-YL           | 55   |
| 17.34            | 3.66              |                   |                     | B-7696             | M71D-1-7696               | 55   |
| 17.34            | 3.66              |                   |                     | B-7696             | M71D-1-7696-YL            | 55   |
| 17.78            | 9.53              |                   |                     | B-423              | THT-57-423-10             | 103  |
| 17.78            | 9.53              |                   |                     | B-473              | THT-57-473-10             | 119  |
| 17.78            | 9.53              |                   |                     | B-473              | THT-100-473-10            | 119  |
| 19.05            | 4.60              |                   |                     | B-342              | PS-094-150-WT-2           | 150  |
| 19.05            | 4.60              |                   |                     | B-7642             | HX-094-150-WT-2           | 159  |
| 19.05            | 4.60              |                   |                     | B-7642             | HX-094-150-WT-J-2         | 159  |
| 19.05            | 6.00              |                   |                     | B-342              | M-125-075-342             | 30   |
| 19.05            | 6.00              |                   |                     | B-342              | PS-125-150-WT-S-2         | 150  |
| 19.05            | 6.00              |                   |                     | B-342              | PS-125-150-WT-2           | 150  |
| 19.05            | 6.00              |                   |                     | B-7642             | HX-125-150-WT-2           | 159  |
| 19.05            | 6.00              |                   |                     | B-7642             | HX-125-150-WT-J-2         | 159  |
| 19.05            | 6.35              |                   |                     | B-498              | M71-10-498                | 51   |
| 19.05            | 6.35              |                   |                     | B-423              | M71-10-423                | 60   |
| 19.05            | 6.35              |                   |                     | B-727              | M71-10-727                | 62   |
| 19.05            | 6.35              |                   |                     | B-473              | M71-10-473                | 63   |
| 19.05            | 6.35              |                   |                     | B-8423             | BPT-1-8423-2.5            | 72   |
| 19.05            | 6.35              |                   |                     | B-498              | THT-252-498-3-SC          | 73   |
| 19.05            | 6.35              |                   |                     | B-8423             | B33-101-8423              | 79   |
| 19.05            | 6.35              |                   |                     | B-457              | B33-1-457                 | 81   |
| 19.05            | 6.35              |                   |                     | B-457              | B33-46-457                | 81   |
| 19.05            | 6.35              |                   |                     | B-426              | B33-101-426               | 81   |
| 19.05            | 6.35              |                   |                     | B-727              | B33-1-727                 | 81   |
| 19.05            | 6.35              |                   |                     | B-727              | B33-46-727                | 81   |
| 19.05            | 6.35              |                   |                     | B-498              | B33-1-498                 | 83   |
| 19.05            | 6.35              |                   |                     | B-413              | THT-1-413-10              | 102  |
| 19.05            | 6.35              |                   |                     | B-423              | THT-1-423-10              | 103  |
| 19.05            | 6.35              |                   |                     | B-423              | THT-46-423-10             | 103  |
| 19.05            | 6.35              |                   |                     | B-428              | THT-1-428-10              | 105  |
| 19.05            | 6.35              |                   |                     | B-435              | THT-1-435-10              | 106  |
| 19.05            | 6.35              |                   |                     | B-459              | THT-1-459-10              | 108  |
| 19.05            | 6.35              |                   |                     | B-480              | THT-1-480-10              | 108  |
| 19.05            | 6.35              |                   |                     | B-488              | THT-1-488-10              | 109  |
| 19.05            | 6.35              |                   |                     | B-436              | THT-1-436-10              | 118  |
| 19.05            | 6.35              |                   |                     | B-476              | THT-1-476-10              | 119  |
| 19.05            | 6.35              |                   |                     | B-473              | THT-1-473-10              | 119  |
| 19.05            | 6.35              |                   |                     | B-473              | THT-46-473-10             | 119  |
| 19.05            | 6.35              |                   |                     | B-717              | THT-1-717-10              | 120  |
| 19.05            | 6.35              |                   |                     | B-717              | THT-46-717-10             | 120  |
| 19.05            | 6.35              |                   |                     | B-718              | THT-1-718-10              | 121  |
| 19.05            | 6.35              |                   |                     | B-718              | THT-46-718-10             | 121  |
| 19.05            | 6.35              |                   |                     | B-719              | THT-1-719-10              | 122  |
| 19.05            | 6.35              |                   |                     | B-719              | THT-46-719-10             | 122  |
| 19.05            | 6.35              |                   |                     | B-724              | THT-1-724-10              | 123  |
| 19.05            | 6.35              |                   |                     | B-724              | THT-46-724-10             | 123  |
| 19.05            | 6.35              |                   |                     | B-727              | THT-1-727-10              | 123  |
| 19.05            | 6.35              |                   |                     | B-727              | THT-46-727-10             | 123  |
| 19.05            | 6.35              |                   |                     | B-7423             | THT-212-7423-5            | 124  |
| 19.05            | 6.35              |                   |                     | B-728              | THT-1-728-10              | 124  |
| 19.05            | 6.35              |                   |                     | B-728              | THT-46-728-10             | 124  |
| 19.05            | 6.35              |                   |                     | B-729              | THT-1-729-10              | 124  |
| 19.05            | 6.35              |                   |                     | B-438              | THT-1-438-10              | 126  |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference    | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------|------|
| 19.05            | 6.35              |                   |                     | B-7351             | THT-1-7351-10      | 126  |
| 19.05            | 6.35              |                   |                     | B-437              | THT-1-437W-10      | 131  |
| 19.05            | 6.35              |                   |                     | B-498              | THT-252-498-3      | 132  |
| 19.05            | 6.35              |                   |                     | B-498              | THT-1-498-10       | 132  |
| 19.05            | 8.50              |                   |                     | B-342              | M-187-075-342      | 30   |
| 19.05            | 8.50              |                   |                     | B-342              | PS-187-150-WT-S-2  | 150  |
| 19.05            | 8.50              |                   |                     | B-342              | PS-187-150-WT-2    | 150  |
| 19.05            | 8.50              |                   |                     | B-7642             | HX-187-150-WT-2    | 159  |
| 19.05            | 8.50              |                   |                     | B-7642             | HX-187-150-WT-J-2  | 159  |
| 19.05            | 11.15             |                   |                     | B-342              | M-250-075-342      | 30   |
| 19.05            | 11.15             |                   |                     | B-342              | PS-250-150-WT-2    | 150  |
| 19.05            | 11.15             |                   |                     | B-342              | PS-250-150-WT-S-2  | 150  |
| 19.05            | 11.15             |                   |                     | B-7642             | HX-250-150-WT-2    | 159  |
| 19.05            | 11.15             |                   |                     | B-7642             | HX-250-150-WT-J-2  | 159  |
| 19.05            | 12.70             |                   |                     | B-498              | M-11-498           | 30   |
| 19.05            | 12.70             |                   |                     | B-499              | M-11-499           | 31   |
| 19.05            | 12.70             |                   |                     | B-498              | M71-11-498         | 51   |
| 19.05            | 12.70             |                   |                     | B-499              | M71-11-499         | 51   |
| 19.05            | 12.70             |                   |                     | B-499              | BM71-11-499        | 51   |
| 19.05            | 12.70             |                   |                     | B-498              | BM71-11-498        | 51   |
| 19.05            | 16.40             |                   |                     | B-342              | M-375-075-342      | 30   |
| 19.05            | 16.40             |                   |                     | B-342              | PS-375-150-WT-2    | 150  |
| 19.05            | 16.40             |                   |                     | B-342              | PS-375-150-WT-S-2  | 150  |
| 19.05            | 16.40             |                   |                     | B-7642             | HX-375-150-WT-2    | 159  |
| 19.05            | 16.40             |                   |                     | B-7642             | HX-375-150-WT-J-2  | 159  |
| 19.05            | 19.05             |                   |                     | B-498              | THT-254-498-1.5-SC | 73   |
| 19.05            | 19.05             |                   |                     | B-423              | THT-50-423-10      | 103  |
| 19.05            | 19.05             |                   |                     | B-498              | THT-254-498-3      | 132  |
| 19.05            | 21.60             |                   |                     | B-342              | PS-500-150-W-S-2   | 150  |
| 19.05            | 21.60             |                   |                     | B-7642             | HX-500-150-WT-2    | 159  |
| 19.05            | 21.60             |                   |                     | B-7642             | HX-500-150-WT-J-2  | 159  |
| 19.05            | 22.86             |                   |                     | B-488              | M71-80-488         | 49   |
| 19.05            | 23.80             |                   |                     | B-498              | B33-91-498         | 85   |
| 19.05            | 23.80             |                   |                     | B-498              | THT-91-498-5       | 132  |
| 19.05            | 23.81             |                   |                     | B-427              | B33-56-427         | 84   |
| 19.05            | 23.81             |                   |                     | B-427              | THT-56-427-10      | 130  |
| 19.05            | 25.40             |                   |                     | B-427              | M-48-427           | 29   |
| 19.05            | 25.40             |                   |                     | B-427              | M71-18-427         | 52   |
| 19.05            | 25.40             |                   |                     | B-427              | BM71-18-427        | 52   |
| 19.05            | 31.40             |                   |                     | B-7642             | HX-750-150-WT-2    | 159  |
| 19.05            | 31.40             |                   |                     | B-7642             | HX-750-150-WT-J-2  | 159  |
| 19.05            | 38.10             |                   |                     | B-422              | M-90-422           | 28   |
| 19.05            | 38.10             |                   |                     | B-427              | M-90-427           | 29   |
| 19.05            | 38.10             |                   |                     | B-427              | M71-30-427         | 52   |
| 19.05            | 38.10             |                   |                     | B-427              | M71-30-427-BL      | 52   |
| 19.05            | 38.10             |                   |                     | B-427              | M71-30-427-PL      | 52   |
| 19.05            | 38.10             |                   |                     | B-427              | M71-30-427-RD      | 52   |
| 19.05            | 38.10             |                   |                     | B-427              | BM71-30-427        | 52   |
| 19.05            | 42.16             |                   |                     | B-7642             | HX-1000-150-WT-2   | 159  |
| 19.05            | 42.16             |                   |                     | B-7642             | HX-1000-150-WT-J-2 | 159  |
| 19.05            | 44.45             |                   |                     | B-427              | B33-73-427         | 84   |
| 19.05            | 44.45             |                   |                     | B-427              | THT-73-427-10      | 130  |
| 19.05            | 76.20             |                   |                     | B-109              | M-12-109           | 36   |
| 19.05            | 76.20             |                   |                     | B-109              | M71-12-109         | 56   |
| 19.05            | 76.20             |                   |                     | B-109              | BM71-12-109        | 56   |
| 19.05            |                   | 4.30              |                     | B-427              | M21-750-427        | 24   |
| 19.05            |                   | 4.88              |                     | B-499              | MC-750-499         | 31   |
| 19.05            |                   | 4.90              |                     | B-499              | M21-750-499        | 24   |
| 19.05            |                   | 6.10              |                     | B-595              | MC-750-595-CL-WT   | 29   |
| 19.05            |                   | 6.10              |                     | B-595              | MC-750-595-CL-BK   | 33   |
| 19.05            |                   | 6.10              |                     | B-584              | MC-750-584         | 33   |
| 19.05            |                   | 6.10              |                     | B-584              | MC-750-584-YL      | 33   |
| 19.05            |                   | 6.40              |                     | B-423              | M21-750-423        | 25   |
| 19.05            |                   | 6.40              |                     | B-430              | M21-750-430        | 25   |
| 19.05            |                   | 6.40              |                     | B-488              | M21-750-488        | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-BL     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-GN     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-OR     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-RD     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-WT     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-YL     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-PL     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-BR     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-GY     | 25   |
| 19.05            |                   | 6.40              |                     | B-595              | M21-750-595-BK     | 25   |
| 19.05            |                   | 6.40              |                     | B-430              | M21-750-430-WT-CL  | 25   |
| 19.05            |                   | 7.62              |                     | B-427              | MC-750-427         | 29   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-YL-BK   | 29   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-OR-BK   | 31   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-BK-WT   | 33   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-BL-WT   | 33   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-GN-WT   | 33   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-RD-WT   | 33   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-WT-BK   | 33   |
| 19.05            |                   | 7.62              |                     | B-595              | MC-750-595-WT-RD   | 33   |
| 19.34            | 3.66              |                   |                     | B-7696             | BM71D-2-7696       | 55   |
| 19.34            | 3.66              |                   |                     | B-7696             | BM71D-2-7696-YL    | 55   |
| 19.34            | 3.66              |                   |                     | B-7696             | M71D-2-7696        | 55   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference      | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|----------------------|------|
| 19.34            | 3.66              |                   |                     | B-7696             | M71D-2-7696-YL       | 55   |
| 19.94            |                   | 15.24             |                     | B-412              | M71C-785-412         | 60   |
| 20.00            | 8.00              |                   |                     | B-8423             | BPT- G3-8423-YL      | 72   |
| 20.00            | 8.00              |                   |                     | B-8423             | B33-G2-8423YL        | 79   |
| 20.00            | 8.00              |                   |                     | B-8423             | THT-G2-8423-YL       | 113  |
| 20.00            | 20.00             |                   |                     | B-7511             | TIL-1-82C/180F       | 128  |
| 20.00            | 30.00             |                   |                     | B-483/B-7552       | THTPNP-01-483/7552-2 | 115  |
| 20.00            | 30.00             |                   |                     | B-434/B-7564       | THTPNP-01-434/7564-2 | 115  |
| 20.00            | 45.00             |                   |                     | B-7511             | TIL-4-82C/180F       | 128  |
| 20.32            | 36.50             |                   |                     | B-498              | B33-95-498           | 83   |
| 20.32            | 36.50             |                   |                     | B-499              | B33-165-499          | 83   |
| 20.32            | 36.50             |                   |                     | B-427              | B33-74-427           | 84   |
| 20.32            | 36.50             |                   |                     | B-498              | B33-165-498          | 85   |
| 20.32            | 36.50             |                   |                     | B-427              | THT-74-427-10        | 130  |
| 20.32            | 36.50             |                   |                     | B-498              | THT-95-498-5         | 132  |
| 20.32            | 36.50             |                   |                     | B-499              | THT-69-499-3         | 133  |
| 21.00            | 129.00            |                   |                     | B-430              | THTTL-3-430          | 136  |
| 21.60            |                   | 15.24             |                     | B-342              | BM71C-500-342        | 54   |
| 21.60            |                   | 15.24             |                     | B-7641             | BM71C-500-7641       | 55   |
| 21.60            |                   | 15.24             |                     | B-7641             | BM71C-500-7641YL     | 55   |
| 22.41            | 4.60              |                   |                     | B-342              | BM71-94-175-342-2    | 53   |
| 22.41            | 6.00              |                   |                     | B-342              | BM71-125-175-342-2   | 53   |
| 22.41            | 8.50              |                   |                     | B-342              | BM71-187-175-342-2   | 53   |
| 22.41            | 16.40             |                   |                     | B-342              | BM71-375-175-342-2   | 53   |
| 22.86            | 6.35              |                   |                     | B-724              | M71-13-724           | 62   |
| 22.86            | 6.35              |                   |                     | B-423              | M71-13-423           | 63   |
| 22.86            | 6.35              |                   |                     | B-426              | B33-2-426            | 81   |
| 22.86            | 6.35              |                   |                     | B-457              | B33-49-457           | 81   |
| 22.86            | 6.35              |                   |                     | B-724              | B33-2-724            | 81   |
| 22.86            | 6.35              |                   |                     | B-727              | B33-49-727           | 81   |
| 22.86            | 6.35              |                   |                     | B-423              | THT-2-423-10         | 103  |
| 22.86            | 6.35              |                   |                     | B-423              | THT-49-423-10        | 103  |
| 22.86            | 6.35              |                   |                     | B-488              | THT-2-488-10         | 109  |
| 22.86            | 6.35              |                   |                     | B-476              | THT-2-476-10         | 119  |
| 22.86            | 6.35              |                   |                     | B-473              | THT-2-473-10         | 119  |
| 22.86            | 6.35              |                   |                     | B-473              | THT-49-473-10        | 119  |
| 22.86            | 6.35              |                   |                     | B-718              | THT-2-718-10         | 121  |
| 22.86            | 6.35              |                   |                     | B-718              | THT-49-718-10        | 121  |
| 22.86            | 6.35              |                   |                     | B-719              | THT-2-719-10         | 122  |
| 22.86            | 6.35              |                   |                     | B-719              | THT-49-719-10        | 122  |
| 22.86            | 6.35              |                   |                     | B-724              | THT-2-724-10         | 123  |
| 22.86            | 6.35              |                   |                     | B-727              | THT-2-727-10         | 123  |
| 22.86            | 6.35              |                   |                     | B-727              | THT-49-727-10        | 123  |
| 22.86            | 6.35              |                   |                     | B-437              | THT-2-437-10         | 131  |
| 22.86            | 12.70             |                   |                     | B-499              | M-84-499             | 31   |
| 22.86            | 12.70             |                   |                     | B-499              | M71-84-499           | 49   |
| 22.86            | 12.70             |                   |                     | B-499              | THT-125-499-1.5-SC   | 73   |
| 22.86            | 12.70             |                   |                     | B-499              | B33-125-499          | 83   |
| 22.86            | 12.70             |                   |                     | B-499              | THT-125-499-3        | 133  |
| 22.86            | 19.05             |                   |                     | B-488              | BPT-616-488          | 72   |
| 22.86            | 19.05             |                   |                     | B-488              | THT-140-488-1.5-SC   | 72   |
| 22.86            | 19.05             |                   |                     | B-428              | B33-616-428          | 79   |
| 22.86            | 19.05             |                   |                     | B-488              | B33-616-488          | 89   |
| 22.86            | 19.05             |                   |                     | B-488              | THT-140-488-3        | 109  |
| 22.86            | 22.86             |                   |                     | B-488              | M71-97-488           | 49   |
| 22.86            | 22.86             |                   |                     | B-488              | BPT-617-488          | 72   |
| 22.86            | 22.86             |                   |                     | B-488              | THT-164-488-1-SC     | 72   |
| 22.86            | 22.86             |                   |                     | B-481              | B33-141-481          | 89   |
| 22.86            | 22.86             |                   |                     | B-488              | THT-164-488-1        | 109  |
| 22.86            | 22.86             |                   |                     | B-488              | THT-141-488-3        | 109  |
| 22.86            | 38.10             |                   |                     | B-499              | BPT-618-499          | 73   |
| 22.90            | 5.20              |                   |                     | B-7599             | BM71R-1-7599-YL      | 56   |
| 22.90            | 5.20              |                   |                     | B-7599             | THT-01-7599-YL       | 135  |
| 23.00            | 4.40              |                   |                     | B-7696             | THTRDS-23x4.4-7696   | 139  |
| 23.00            | 5.20              |                   |                     | B-7599             | BM71R-2-7599-YL      | 56   |
| 23.00            | 5.20              |                   |                     | B-7599             | THT-02-7599-YL       | 135  |
| 23.34            | 3.66              |                   |                     | B-7696             | BM71D-3-7696         | 55   |
| 23.34            | 3.66              |                   |                     | B-7696             | BM71D-3-7696-YL      | 55   |
| 23.34            | 3.66              |                   |                     | B-7696             | M71D-3-7696          | 55   |
| 25.00            | 5.70              |                   |                     | B-7599             | BM71R-3-7599-YL      | 56   |
| 25.00            | 5.70              |                   |                     | B-7599             | THT-03-7599_YL       | 135  |
| 25.00            | 75.00             |                   |                     | B-7593             | THTEP-21-7593-WT     | 116  |
| 25.00            | 75.00             |                   |                     | B-7593             | THTEP-21-7593-YL     | 116  |
| 25.00            | 100.00            |                   |                     | B-7593             | THTEP-22-7593-WT     | 116  |
| 25.00            | 100.00            |                   |                     | B-7593             | THTEP-22-7593-YL     | 116  |
| 25.40            | 4.60              |                   |                     | B-342              | PS-094-2-WT-2        | 151  |
| 25.40            | 4.60              |                   |                     | B-342              | PS-094-2-WT-S-2      | 151  |
| 25.40            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT-2       | 152  |
| 25.40            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT-S-2     | 152  |
| 25.40            | 4.60              |                   |                     | B-7641             | LSZH-094-2-WT-2      | 156  |
| 25.40            | 4.60              |                   |                     | B-7641             | 2LSZH-094-2-WT-2     | 157  |
| 25.40            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-2       | 160  |
| 25.40            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-J-2     | 160  |
| 25.40            | 4.75              |                   |                     | B-717              | M71-14-717           | 62   |
| 25.40            | 4.75              |                   |                     | B-423              | M71-14-423           | 63   |
| 25.40            | 4.75              |                   |                     | B-479              | B33-42-479           | 81   |
| 25.40            | 4.75              |                   |                     | B-719              | B33-42-719           | 81   |
| 25.40            | 4.75              |                   |                     | B-423              | THT-41-423-10        | 103  |



| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference                 | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------------|------|
| 25.40            | 4.75              |                   |                     | B-423              | THT-42-423-10                   | 103  |
| 25.40            | 4.75              |                   |                     | B-717              | THT-42-717-10                   | 120  |
| 25.40            | 4.75              |                   |                     | B-718              | THT-42-718-10                   | 121  |
| 25.40            | 4.75              |                   |                     | B-719              | THT-42-719-10                   | 122  |
| 25.40            | 4.75              |                   |                     | B-727              | THT-42-727-10                   | 123  |
| 25.40            | 4.80              |                   |                     | B-498              | THT-253-498-3-SC                | 73   |
| 25.40            | 4.80              |                   |                     | B-498              | THT-253-498-3                   | 132  |
| 25.40            | 4.80              |                   |                     | B-7646             | 3DPS-2.4x50mm-B7646YL-2S        | 164  |
| 25.40            | 6.00              |                   |                     | B-342              | PS-125-2-WT-2                   | 151  |
| 25.40            | 6.00              |                   |                     | B-342              | PS-125-2-WT-S-2                 | 151  |
| 25.40            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT-2                  | 152  |
| 25.40            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT-S-2                | 152  |
| 25.40            | 6.00              |                   |                     | B-7641             | LSZH-125-2-WT-2                 | 156  |
| 25.40            | 6.00              |                   |                     | B-7641             | 2LSZH-125-2-WT-2                | 157  |
| 25.40            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-2                  | 160  |
| 25.40            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-J-2                | 160  |
| 25.40            | 6.35              |                   |                     | B-457              | B33-103-457                     | 81   |
| 25.40            | 6.35              |                   |                     | B-727              | B33-103-727                     | 81   |
| 25.40            | 6.35              |                   |                     | B-423              | THT-103-423-10                  | 103  |
| 25.40            | 6.35              |                   |                     | B-423              | THT-51-423-10                   | 103  |
| 25.40            | 6.35              |                   |                     | B-103              | LAM-2-103                       | 114  |
| 25.40            | 6.35              |                   |                     | B-717              | THT-103-717-10                  | 120  |
| 25.40            | 6.35              |                   |                     | B-718              | THT-103-718-10                  | 121  |
| 25.40            | 6.35              |                   |                     | B-719              | THT-103-719-10                  | 122  |
| 25.40            | 6.35              |                   |                     | B-724              | THT-51-724-10                   | 123  |
| 25.40            | 6.35              |                   |                     | B-727              | THT-103-727-10                  | 123  |
| 25.40            | 6.35              |                   |                     | B-728              | THT-103-728-10                  | 124  |
| 25.40            | 6.35              |                   |                     | B-729              | THT-103-729-10                  | 124  |
| 25.40            | 6.60              |                   |                     | B-7646             | 3:1DPS-3.2x50-B7646YL-2S        | 163  |
| 25.40            | 6.60              |                   |                     | B-7646             | 3DPS-3.2x50mm-B7646YL-2S        | 164  |
| 25.40            | 6.60              |                   |                     | B-7646             | 3DPS-3.2x50mm-B7646YL-2S (5Kx2) | 164  |
| 25.40            | 6.99              |                   |                     | B-423              | M71-15-423                      | 61   |
| 25.40            | 6.99              |                   |                     | B-428              | M71-15-428                      | 63   |
| 25.40            | 8.50              |                   |                     | B-342              | PS-187-2-WT-S-2                 | 151  |
| 25.40            | 8.50              |                   |                     | B-342              | PS-187-2-WT-2                   | 151  |
| 25.40            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-2                  | 152  |
| 25.40            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-S-2                | 152  |
| 25.40            | 8.50              |                   |                     | B-7641             | LSZH-187-2-WT-2                 | 156  |
| 25.40            | 8.50              |                   |                     | B-7641             | 2LSZH-187-2-WT-2                | 157  |
| 25.40            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-2                  | 160  |
| 25.40            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-J-2                | 160  |
| 25.40            | 9.20              |                   |                     | B-7646             | 3:1DPS-4.8x50-B7646YL-2S        | 163  |
| 25.40            | 9.20              |                   |                     | B-7646             | 3DPS-4.8x50mm-B7646YL-2S        | 164  |
| 25.40            | 9.53              |                   |                     | B-483              | M71-16-483                      | 46   |
| 25.40            | 9.53              |                   |                     | B-430              | M71-16-430                      | 60   |
| 25.40            | 9.53              |                   |                     | B-423              | M71-16-423                      | 61   |
| 25.40            | 9.53              |                   |                     | B-724              | M71-16-724                      | 62   |
| 25.40            | 9.53              |                   |                     | B-727              | M71-16-727                      | 62   |
| 25.40            | 9.53              |                   |                     | B-473              | M71-16-473                      | 63   |
| 25.40            | 9.53              |                   |                     | B-423              | BM71-16-423                     | 63   |
| 25.40            | 9.53              |                   |                     | B-499              | THT-152-499-1.5-SC              | 73   |
| 25.40            | 9.53              |                   |                     | B-457              | B33-58-457                      | 81   |
| 25.40            | 9.53              |                   |                     | B-727              | B33-58-727                      | 81   |
| 25.40            | 9.53              |                   |                     | B-499              | B33-152-499                     | 83   |
| 25.40            | 9.53              |                   |                     | B-413              | THT-3-413-10                    | 102  |
| 25.40            | 9.53              |                   |                     | B-423              | THT-3-423-10                    | 103  |
| 25.40            | 9.53              |                   |                     | B-428              | THT-3-428-10                    | 105  |
| 25.40            | 9.53              |                   |                     | B-480              | THT-3-480-10                    | 108  |
| 25.40            | 9.53              |                   |                     | B-473              | THT-3-473-10                    | 119  |
| 25.40            | 9.53              |                   |                     | B-473              | THT-58-473-10                   | 119  |
| 25.40            | 9.53              |                   |                     | B-718              | THT-3-718-10                    | 121  |
| 25.40            | 9.53              |                   |                     | B-718              | THT-58-718-10                   | 121  |
| 25.40            | 9.53              |                   |                     | B-719              | THT-3-719-10                    | 122  |
| 25.40            | 9.53              |                   |                     | B-719              | THT-58-719-10                   | 122  |
| 25.40            | 9.53              |                   |                     | B-724              | THT-3-724-10                    | 123  |
| 25.40            | 9.53              |                   |                     | B-727              | THT-58-727-10                   | 123  |
| 25.40            | 9.53              |                   |                     | B-499              | THT-152-499-3                   | 133  |
| 25.40            | 9.98              |                   |                     | B-425              | THT-30-425-10                   | 104  |
| 25.40            | 11.15             |                   |                     | B-342              | PS-250-2-WT-2                   | 151  |
| 25.40            | 11.15             |                   |                     | B-342              | PS-250-2-WT-S-2                 | 151  |
| 25.40            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT-2                  | 152  |
| 25.40            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT-S-2                | 152  |
| 25.40            | 11.15             |                   |                     | B-7641             | LSZH-250-2-WT-2                 | 156  |
| 25.40            | 11.15             |                   |                     | B-7641             | 2LSZH-250-2-WT-2                | 157  |
| 25.40            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-2                  | 160  |
| 25.40            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-J-2                | 160  |
| 25.40            | 11.25             |                   |                     | B-7646             | 3:1DPS-6.4x50-B7646YL-2S        | 163  |
| 25.40            | 11.25             |                   |                     | B-7646             | 3DPS-6.4x50mm-B7646YL-2S        | 164  |
| 25.40            | 12.40             |                   |                     | B-499              | BPT-659-499                     | 73   |
| 25.40            | 12.40             |                   |                     | B-498              | BPT-659-498                     | 73   |
| 25.40            | 12.40             |                   |                     | B-499              | B33-659-499                     | 85   |
| 25.40            | 12.70             |                   |                     | B-422              | M-47-422                        | 28   |
| 25.40            | 12.70             |                   |                     | B-428              | M-47-428                        | 28   |
| 25.40            | 12.70             |                   |                     | B-483              | M-47-483                        | 28   |
| 25.40            | 12.70             |                   |                     | B-422              | M-17-422                        | 37   |
| 25.40            | 12.70             |                   |                     | B-351              | M-17-351                        | 42   |
| 25.40            | 12.70             |                   |                     | B-432              | M-17-432-CL-BK                  | 42   |
| 25.40            | 12.70             |                   |                     | B-489              | M71-17-489                      | 46   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference           | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------|------|
| 25.40            | 12.70             |                   |                     | B-483              | M71-17-483                | 46   |
| 25.40            | 12.70             |                   |                     | B-428              | M71-17-428                | 48   |
| 25.40            | 12.70             |                   |                     | B-486              | M71-17-486                | 48   |
| 25.40            | 12.70             |                   |                     | B-428              | BM71-17-428               | 48   |
| 25.40            | 12.70             |                   |                     | B-498              | M71-17-498                | 51   |
| 25.40            | 12.70             |                   |                     | B-430              | M71-17-430                | 60   |
| 25.40            | 12.70             |                   |                     | B-423              | M71-17-423                | 61   |
| 25.40            | 12.70             |                   |                     | B-724              | M71-17-724                | 62   |
| 25.40            | 12.70             |                   |                     | B-473              | M71-17-473                | 63   |
| 25.40            | 12.70             |                   |                     | B-423              | BM71-17-423               | 63   |
| 25.40            | 12.70             |                   |                     | B-351              | M71-17-351                | 64   |
| 25.40            | 12.70             |                   |                     | B-352              | M71-17-352                | 64   |
| 25.40            | 12.70             |                   |                     | B-8423             | BPT-5-8423-2.5            | 72   |
| 25.40            | 12.70             |                   |                     | B-7563             | BPT-5-7563-2.5            | 72   |
| 25.40            | 12.70             |                   |                     | B-433              | THT-59-433-2.5-SC         | 72   |
| 25.40            | 12.70             |                   |                     | B-533              | THT-59-533-2.5-SC         | 72   |
| 25.40            | 12.70             |                   |                     | B-498              | THT-59-498-2.5-SC         | 73   |
| 25.40            | 12.70             |                   |                     | B-428              | B33-5-428                 | 79   |
| 25.40            | 12.70             |                   |                     | B-434              | B33-5-434                 | 79   |
| 25.40            | 12.70             |                   |                     | B-489              | B33-5-489                 | 79   |
| 25.40            | 12.70             |                   |                     | B-483              | B33-5-483                 | 79   |
| 25.40            | 12.70             |                   |                     | B-423              | B33-5-423                 | 79   |
| 25.40            | 12.70             |                   |                     | B-486              | B33-5-486                 | 80   |
| 25.40            | 12.70             |                   |                     | B-425              | B33-5-425                 | 80   |
| 25.40            | 12.70             |                   |                     | B-457              | B33-59-457                | 81   |
| 25.40            | 12.70             |                   |                     | B-727              | B33-59-727                | 81   |
| 25.40            | 12.70             |                   |                     | B-498              | B33-5-498                 | 83   |
| 25.40            | 12.70             |                   |                     | B-413              | THT-5-413-10              | 102  |
| 25.40            | 12.70             |                   |                     | B-422              | THT-5-422-10              | 103  |
| 25.40            | 12.70             |                   |                     | B-423              | THT-5-423-10              | 103  |
| 25.40            | 12.70             |                   |                     | B-425              | THT-5-425-10              | 104  |
| 25.40            | 12.70             |                   |                     | B-428              | THT-5-428-10              | 105  |
| 25.40            | 12.70             |                   |                     | B-430              | THT-39-430-10             | 105  |
| 25.40            | 12.70             |                   |                     | B-435              | THT-5-435-10              | 106  |
| 25.40            | 12.70             |                   |                     | B-434              | THT-5-434-10              | 106  |
| 25.40            | 12.70             |                   |                     | B-449              | THT-5-449-10              | 107  |
| 25.40            | 12.70             |                   |                     | B-459              | THT-5-459-10              | 108  |
| 25.40            | 12.70             |                   |                     | B-483              | THT-5-483-10              | 108  |
| 25.40            | 12.70             |                   |                     | B-480              | THT-5-480-10              | 108  |
| 25.40            | 12.70             |                   |                     | B-486              | THT-5-486-10              | 109  |
| 25.40            | 12.70             |                   |                     | B-484              | THT-5-484-10              | 109  |
| 25.40            | 12.70             |                   |                     | B-488              | THT-5-488-10              | 109  |
| 25.40            | 12.70             |                   |                     | B-489              | THT-5-489-10              | 110  |
| 25.40            | 12.70             |                   |                     | B-533              | THT-5-533-10              | 110  |
| 25.40            | 12.70             |                   |                     | B-103              | LAM-5-103                 | 114  |
| 25.40            | 12.70             |                   |                     | B-473              | THT-5-473-10              | 119  |
| 25.40            | 12.70             |                   |                     | B-718              | THT-5-718-10              | 121  |
| 25.40            | 12.70             |                   |                     | B-719              | THT-5-719-10              | 122  |
| 25.40            | 12.70             |                   |                     | B-719              | THT-59-719-10             | 122  |
| 25.40            | 12.70             |                   |                     | B-724              | THT-5-724-10              | 123  |
| 25.40            | 12.70             |                   |                     | B-352              | THT-5-352-10              | 125  |
| 25.40            | 12.70             |                   |                     | B-7546             | THT-5-7546-10             | 126  |
| 25.40            | 12.70             |                   |                     | B-7351             | THT-5-7351-10             | 126  |
| 25.40            | 12.70             |                   |                     | B-438              | THT-5-438-10              | 126  |
| 25.40            | 12.70             |                   |                     | B-7566             | THT-39-7566-10            | 127  |
| 25.40            | 12.70             |                   |                     | B-7576             | THT-5-7576-10             | 127  |
| 25.40            | 12.70             |                   |                     | B-437              | THT-5-437-10              | 131  |
| 25.40            | 12.70             |                   |                     | B-437              | THT-5-437-10-YL           | 131  |
| 25.40            | 12.70             |                   |                     | B-498              | THT-5-498-10              | 132  |
| 25.40            | 16.40             |                   |                     | B-342              | PS-375-2-WT-2             | 151  |
| 25.40            | 16.40             |                   |                     | B-342              | PS-375-2-WT-S-2           | 151  |
| 25.40            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-2            | 152  |
| 25.40            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-S-2          | 152  |
| 25.40            | 16.40             |                   |                     | B-7641             | LSZH-375-2-WT-2           | 156  |
| 25.40            | 16.40             |                   |                     | B-7641             | 2LSZH-375-2-WT-2          | 157  |
| 25.40            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-2            | 160  |
| 25.40            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-J-2          | 160  |
| 25.40            | 16.50             |                   |                     | B-7646             | 3:1DPS-9.5x50-B7646YL-2S  | 163  |
| 25.40            | 16.50             |                   |                     | B-7646             | 3DPS-9.5x50mm-B7646YL-2S  | 164  |
| 25.40            | 19.05             |                   |                     | B-498              | M-48-498                  | 30   |
| 25.40            | 19.05             |                   |                     | B-427              | M-136-427                 | 32   |
| 25.40            | 19.05             |                   |                     | B-498              | M71-18-498                | 51   |
| 25.40            | 19.05             |                   |                     | B-499              | M71-18-499                | 51   |
| 25.40            | 19.05             |                   |                     | B-498              | BM71-18-498               | 51   |
| 25.40            | 19.05             |                   |                     | B-427              | M71-96-427                | 52   |
| 25.40            | 19.05             |                   |                     | B-498              | B33-88-498                | 83   |
| 25.40            | 19.05             |                   |                     | B-427              | B30-229-427               | 84   |
| 25.40            | 19.05             |                   |                     | B-498              | THT-88-498-5              | 132  |
| 25.40            | 20.80             |                   |                     | B-7646             | 3:1DPS-12.7x50-B7646YL-2S | 163  |
| 25.40            | 20.80             |                   |                     | B-7646             | 3DPS-12.7x50mm-B7646YL-2S | 164  |
| 25.40            | 21.60             |                   |                     | B-342              | PS-500-2-WT-2             | 151  |
| 25.40            | 21.60             |                   |                     | B-342              | PS-500-2-WT-S-2           | 151  |
| 25.40            | 21.60             |                   |                     | B-342              | 3PS-500-2-WT-2            | 152  |
| 25.40            | 21.60             |                   |                     | B-7641             | LSZH-500-2-WT-2           | 156  |
| 25.40            | 21.60             |                   |                     | B-7641             | 2LSZH-500-2-WT-2          | 157  |
| 25.40            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-2            | 160  |
| 25.40            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-J-2          | 160  |
| 25.40            | 25.40             |                   |                     | B-422              | M-49-422                  | 28   |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference           | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------------|------|
| 25.40            | 25.40             |                   |                     | B-427              | M-49-427                  | 29   |
| 25.40            | 25.40             |                   |                     | B-498              | M-49-498                  | 30   |
| 25.40            | 25.40             |                   |                     | B-499              | M-78-499                  | 39   |
| 25.40            | 25.40             |                   |                     | B-483              | M71-19-483                | 46   |
| 25.40            | 25.40             |                   |                     | B-423              | M71-19-423                | 48   |
| 25.40            | 25.40             |                   |                     | B-423              | BM71-19-423               | 48   |
| 25.40            | 25.40             |                   |                     | B-498              | M71-19-498                | 51   |
| 25.40            | 25.40             |                   |                     | B-499              | M71-19-499                | 51   |
| 25.40            | 25.40             |                   |                     | B-498              | BM71-19-498               | 51   |
| 25.40            | 25.40             |                   |                     | B-642              | M71-19-642                | 52   |
| 25.40            | 25.40             |                   |                     | B-427              | M71-19-427-YL             | 52   |
| 25.40            | 25.40             |                   |                     | B-427              | M71-19-427                | 52   |
| 25.40            | 25.40             |                   |                     | B-427              | BM71-19-427               | 52   |
| 25.40            | 25.40             |                   |                     | B-427              | BPT-211-427               | 73   |
| 25.40            | 25.40             |                   |                     | B-427              | B33-116-427               | 84   |
| 25.40            | 25.40             |                   |                     | B-427              | B33-211-427               | 84   |
| 25.40            | 25.40             |                   |                     | B-427              | WRAP-2-427                | 97   |
| 25.40            | 25.40             |                   |                     | B-499              | WRAP-13-499               | 97   |
| 25.40            | 25.40             |                   |                     | B-427              | THT-116-427-5             | 130  |
| 25.40            | 31.20             |                   |                     | B-7646             | 3:1DPS-19X50-B7646-YL-2S  | 163  |
| 25.40            | 31.20             |                   |                     | B-7646             | 3DPS-19.1x50mm-B7646YL-2S | 164  |
| 25.40            | 31.40             |                   |                     | B-7641             | LSZH-750-2-WT-2           | 156  |
| 25.40            | 31.40             |                   |                     | B-7641             | 2LSZH-750-2-WT-2          | 157  |
| 25.40            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-2            | 160  |
| 25.40            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-J-2          | 160  |
| 25.40            | 31.75             |                   |                     | B-427              | M-143-427                 | 29   |
| 25.40            | 31.75             |                   |                     | B-427              | M71-103-427               | 52   |
| 25.40            | 31.75             |                   |                     | B-427              | BPT-311-427               | 73   |
| 25.40            | 31.75             |                   |                     | B-427              | B33-311-427               | 84   |
| 25.40            | 31.75             |                   |                     | B-427              | WRAP-3-427                | 97   |
| 25.40            | 36.50             |                   |                     | B-498              | BPT-621-498               | 73   |
| 25.40            | 36.50             |                   |                     | B-499              | BPT-621-499               | 73   |
| 25.40            | 36.50             |                   |                     | B-498              | B33-89-498                | 83   |
| 25.40            | 36.50             |                   |                     | B-427              | B33-9-427                 | 84   |
| 25.40            | 36.50             |                   |                     | B-499              | B33-621-499               | 85   |
| 25.40            | 36.50             |                   |                     | B-427              | THT-9-427-10              | 130  |
| 25.40            | 36.50             |                   |                     | B-427              | THT-9-427-10-YL           | 130  |
| 25.40            | 36.50             |                   |                     | B-498              | THT-89-498-5              | 132  |
| 25.40            | 38.10             |                   |                     | B-427              | M-91-427                  | 29   |
| 25.40            | 38.10             |                   |                     | B-427              | M-91-427-YL               | 29   |
| 25.40            | 38.10             |                   |                     | B-498              | M-91-498                  | 30   |
| 25.40            | 38.10             |                   |                     | B-427              | M71-31-427-YL             | 52   |
| 25.40            | 38.10             |                   |                     | B-642              | M71-31-642                | 52   |
| 25.40            | 38.10             |                   |                     | B-427              | M71-31-427-GN             | 52   |
| 25.40            | 38.10             |                   |                     | B-427              | M71-31-427-RD             | 52   |
| 25.40            | 38.10             |                   |                     | B-427              | M71-31-427                | 52   |
| 25.40            | 38.10             |                   |                     | B-427              | BM71-31-427               | 52   |
| 25.40            | 38.10             |                   |                     | B-427              | B30-233-427               | 84   |
| 25.40            | 38.10             |                   |                     | B-427              | WRAP-4-427                | 97   |
| 25.40            | 38.10             |                   |                     | B-499              | WRAP-8-499                | 97   |
| 25.40            | 41.00             |                   |                     | B-7646             | 3:1DPS-25X50-B7646-YL-2S  | 163  |
| 25.40            | 41.00             |                   |                     | B-7646             | 3DPS-25.4x50mm-B7646YL-2S | 164  |
| 25.40            | 42.16             |                   |                     | B-342              | PS-1000-2-WT-2            | 151  |
| 25.40            | 42.16             |                   |                     | B-7641             | LSZH-1000-2-WT-2          | 156  |
| 25.40            | 42.16             |                   |                     | B-7641             | 2LSZH-1000-2-WT-2         | 157  |
| 25.40            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-2           | 160  |
| 25.40            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-J-2         | 160  |
| 25.40            | 48.26             |                   |                     | B-499              | M-128-499                 | 31   |
| 25.40            | 48.26             |                   |                     | B-432              | M-78-432-CL-BK            | 42   |
| 25.40            | 50.80             |                   |                     | B-483              | M-60-483                  | 28   |
| 25.40            | 50.80             |                   |                     | B-428              | M-60-428                  | 28   |
| 25.40            | 50.80             |                   |                     | B-351              | M-20-351                  | 42   |
| 25.40            | 50.80             |                   |                     | B-483              | M71-20-483                | 46   |
| 25.40            | 50.80             |                   |                     | B-422              | BM71-20-422               | 46   |
| 25.40            | 50.80             |                   |                     | B-428              | M71-20-428                | 48   |
| 25.40            | 50.80             |                   |                     | B-486              | M71-20-486                | 48   |
| 25.40            | 50.80             |                   |                     | B-428              | BM71-20-428               | 48   |
| 25.40            | 50.80             |                   |                     | B-424              | M71-20-424                | 49   |
| 25.40            | 50.80             |                   |                     | B-424              | BM71-20-424               | 49   |
| 25.40            | 50.80             |                   |                     | B-423              | M71-20-423                | 61   |
| 25.40            | 50.80             |                   |                     | B-459              | M71-20-459                | 63   |
| 25.40            | 50.80             |                   |                     | B-423              | BM71-20-423               | 63   |
| 25.40            | 50.80             |                   |                     | B-351              | M71-20-351                | 64   |
| 25.40            | 50.80             |                   |                     | B-352              | M71-20-352                | 64   |
| 25.40            | 50.80             |                   |                     | B-499              | B33-137-499               | 85   |
| 25.40            | 50.80             |                   |                     | B-483/B-7552       | THTPNP-02-483/7552-1      | 115  |
| 25.40            | 50.80             |                   |                     | B-434/B-7564       | THTPNP-02-434/7564-1      | 115  |
| 25.40            | 57.15             |                   |                     | B-499              | M-141-499                 | 29   |
| 25.40            | 57.15             |                   |                     | B-427              | B33-75-427                | 84   |
| 25.40            | 57.15             |                   |                     | B-427              | WRAP-10-427               | 97   |
| 25.40            | 57.15             |                   |                     | B-427              | THT-75-427-3              | 130  |
| 25.40            | 57.15             |                   |                     | B-427              | THT-75-427-3-YL           | 130  |
| 25.40            | 63.00             |                   |                     | B-7646             | 3:1DPS-38X50-B7646-YL-2S  | 163  |
| 25.40            | 63.00             |                   |                     | B-7646             | 3DPS-38.1x50mm-B7646YL-2S | 164  |
| 25.40            | 63.50             |                   |                     | B-427              | M-51-427                  | 29   |
| 25.40            | 63.50             |                   |                     | B-427              | M-51-427-YL               | 29   |
| 25.40            | 63.50             |                   |                     | B-498              | M71-21-498                | 51   |
| 25.40            | 63.50             |                   |                     | B-499              | M71-21-499                | 51   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference    | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------|------|
| 25.40            | 63.50             |                   |                     | B-642              | M71-21-642         | 52   |
| 25.40            | 63.50             |                   |                     | B-427              | M71-21-427-YL      | 52   |
| 25.40            | 63.50             |                   |                     | B-427              | M71-21-427         | 52   |
| 25.40            | 63.50             |                   |                     | B-427              | BM71-21-427        | 52   |
| 25.40            | 63.50             |                   |                     | B-427              | BPT-511-427        | 73   |
| 25.40            | 63.50             |                   |                     | B-427              | B33-511-427        | 84   |
| 25.40            | 66.68             |                   |                     | B-499              | BPT-625-499        | 73   |
| 25.40            | 66.68             |                   |                     | B-499              | B33-625-499        | 85   |
| 25.40            | 76.20             |                   |                     | B-423              | M71-22-423         | 48   |
| 25.40            | 76.20             |                   |                     | B-428              | M71-22-428         | 48   |
| 25.40            | 76.20             |                   |                     | B-7604             | BPT-510-300        | 71   |
| 25.40            | 85.73             |                   |                     | B-427              | M71-64-427         | 52   |
| 25.40            | 85.73             |                   |                     | B-427              | BM71-64-427        | 52   |
| 25.40            | 95.25             |                   |                     | B-427              | B33-10-427         | 84   |
| 25.40            | 95.25             |                   |                     | B-427              | THT-10-427-3       | 130  |
| 25.40            | 95.25             |                   |                     | B-427              | THT-10-427-3-YL    | 130  |
| 25.40            | 101.60            |                   |                     | B-427              | M-53-427           | 29   |
| 25.40            | 101.60            |                   |                     | B-427              | M-53-427-YL        | 29   |
| 25.40            | 101.60            |                   |                     | B-483              | M71-23-483         | 46   |
| 25.40            | 101.60            |                   |                     | B-423              | M71-23-423         | 48   |
| 25.40            | 101.60            |                   |                     | B-427              | M71-23-427         | 52   |
| 25.40            | 101.60            |                   |                     | B-427              | BM71-23-427        | 52   |
| 25.40            | 152.40            |                   |                     | B-427              | B33-81-427         | 84   |
| 25.40            | 152.40            |                   |                     | B-427              | THT-81-427-1       | 130  |
| 25.40            |                   | 4.30              |                     | B-427              | M21-1000-427       | 24   |
| 25.40            |                   | 4.88              |                     | B-499              | MC-1000-499        | 41   |
| 25.40            |                   | 6.10              |                     | B-595              | MC1-1000-595-CL-WT | 29   |
| 25.40            |                   | 6.10              |                     | B-595              | MC1-1000-595-CL-BK | 33   |
| 25.40            |                   | 6.10              |                     | B-584              | MC-1000-584        | 43   |
| 25.40            |                   | 6.10              |                     | B-584              | MC-1000-584-YL     | 43   |
| 25.40            |                   | 7.62              |                     | B-422              | MC1-1000-422       | 28   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-YL-BK | 29   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-OR-BK | 31   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-WT-BK | 33   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-BL-WT | 33   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-RD-WT | 33   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-GN-WT | 33   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-WT-RD | 33   |
| 25.40            |                   | 7.62              |                     | B-595              | MC1-1000-595-BK-WT | 33   |
| 25.40            |                   | 7.62              |                     | B-427              | MC-1000-427        | 37   |
| 25.40            |                   | 9.10              |                     | B-498              | M71C-1000-498      | 51   |
| 25.40            |                   | 9.10              |                     | B-499              | M71C-1000-499      | 51   |
| 25.40            |                   | 15.24             |                     | B-422              | M71C-1000-422      | 46   |
| 25.40            |                   | 15.24             |                     | B-430              | M71C-1000-430      | 46   |
| 25.40            |                   | 15.24             |                     | B-483              | M71C-1000-483      | 46   |
| 25.40            |                   | 15.24             |                     | B-529              | M71C-1000-529      | 46   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-BK   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-BL   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-BR   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-CL   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-GD   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-GN   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-GY   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-LB   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-OC   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-OR   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-PK   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-PL   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-RD   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-SB   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-TN   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-WT   | 47   |
| 25.40            |                   | 15.24             |                     | B-595              | M71C-1000-595-YL   | 47   |
| 25.40            |                   | 15.24             |                     | B-581              | M71C-1000-581-WT   | 49   |
| 25.40            |                   | 15.24             |                     | B-581              | M71C-1000-581-YL   | 49   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-WT-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-BK-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-YL-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-RD-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-BL-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-GN-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-483/B-634        | M71-1000-483-OR-KT | 50   |
| 25.40            |                   | 15.24             |                     | B-530              | M71C-1000-530      | 64   |
| 25.40            |                   | 22.86             |                     | B-582              | BM71C-1000-582     | 50   |
| 25.40            |                   | 22.86             |                     | B-584              | BM71C-1000-584-OR  | 50   |
| 25.40            |                   | 22.86             |                     | B-584              | BM71C-1000-584-YL  | 50   |
| 25.40            |                   | 22.86             |                     | B-584              | BM71C-1000-584-WT  | 50   |
| 25.78            | 4.60              |                   |                     | B-342              | M71-94-1-342YL     | 53   |
| 25.78            | 4.60              |                   |                     | B-342              | BM71-94-1-342      | 53   |
| 25.78            | 4.60              |                   |                     | B-342              | BM71-94-1-342YL    | 53   |
| 25.78            | 4.60              |                   |                     | B-7641             | M71-94-1-7641      | 54   |
| 25.78            | 4.60              |                   |                     | B-7641             | M71-94-1-7641Y     | 54   |
| 25.78            | 4.60              |                   |                     | B-7641             | BM71-94-1-7641     | 54   |
| 25.78            | 4.60              |                   |                     | B-7641             | BM71-94-1-7641Y    | 54   |
| 25.78            | 4.62              |                   |                     | B-342              | M71-94-1-342       | 53   |
| 25.78            | 6.00              |                   |                     | B-342              | M-125-1-342        | 40   |
| 25.78            | 6.00              |                   |                     | B-342              | M71-125-1-342YL    | 53   |
| 25.78            | 6.00              |                   |                     | B-342              | M71-125-1-342      | 53   |



| Label<br>Widht<br>(mm) | Label<br>Height<br>(mm) | Label<br>Length<br>(mm) | Label<br>Diameter<br>(mm) | Brady<br>Material<br>No. | Order<br>Reference | Page |
|------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------|------|
| 25.78                  | 6.00                    |                         |                           | B-342                    | BM71-125-1-342     | 53   |
| 25.78                  | 6.00                    |                         |                           | B-342                    | BM71-125-1-342-YL  | 53   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | M71-125-1-7641     | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | M71-125-1-7641YL   | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | BM71-125-1-7641    | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | BM71-125-1-7641YL  | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | M71-125-1-7641     | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | M71-125-1-7641Y    | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | BM71-125-1-7641    | 54   |
| 25.78                  | 6.00                    |                         |                           | B-7641                   | BM71-125-1-7641Y   | 54   |
| 25.78                  | 8.50                    |                         |                           | B-342                    | M-187-1-342        | 40   |
| 25.78                  | 8.50                    |                         |                           | B-342                    | M71-187-1-342YL    | 53   |
| 25.78                  | 8.50                    |                         |                           | B-342                    | M71-187-1-342      | 53   |
| 25.78                  | 8.50                    |                         |                           | B-342                    | BM71-187-1-342-YL  | 53   |
| 25.78                  | 8.50                    |                         |                           | B-342                    | BM71-187-1-342     | 53   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | M71-187-1-7641     | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | M71-187-1-7641YL   | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | BM71-187-1-7641    | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | BM71-187-1-7641YL  | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | M71-187-1-7641     | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | M71-187-1-7641Y    | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | BM71-187-1-7641    | 54   |
| 25.78                  | 8.50                    |                         |                           | B-7641                   | BM71-187-1-7641Y   | 54   |
| 25.78                  | 11.15                   |                         |                           | B-342                    | M-250-1-342        | 40   |
| 25.78                  | 11.15                   |                         |                           | B-342                    | M71-250-1-342YL    | 53   |
| 25.78                  | 11.15                   |                         |                           | B-342                    | M71-250-1-342      | 53   |
| 25.78                  | 11.15                   |                         |                           | B-342                    | BM71-250-1-342     | 53   |
| 25.78                  | 11.15                   |                         |                           | B-342                    | BM71-250-1-342-YL  | 53   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | M71-250-1-7641     | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | M71-250-1-7641YL   | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | BM71-250-1-7641    | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | BM71-250-1-7641YL  | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | M71-250-1-7641     | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | M71-250-1-7641Y    | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | BM71-250-1-7641    | 54   |
| 25.78                  | 11.15                   |                         |                           | B-7641                   | BM71-250-1-7641Y   | 54   |
| 25.78                  | 16.38                   |                         |                           | B-7641                   | BM71-375-1-7641    | 54   |
| 25.78                  | 16.38                   |                         |                           | B-7641                   | BM71-375-1-7641YL  | 54   |
| 25.78                  | 16.38                   |                         |                           | B-7641                   | BM71-375-1-7641    | 54   |
| 25.78                  | 16.38                   |                         |                           | B-7641                   | BM71-375-1-7641Y   | 54   |
| 25.78                  | 16.40                   |                         |                           | B-342                    | M-375-1-342        | 40   |
| 25.78                  | 16.40                   |                         |                           | B-342                    | M71-375-1-342      | 53   |
| 25.78                  | 16.40                   |                         |                           | B-342                    | M71-375-1-342YL    | 53   |
| 25.78                  | 16.40                   |                         |                           | B-342                    | BM71-375-1-342     | 53   |
| 25.78                  | 16.40                   |                         |                           | B-342                    | BM71-375-1-342-YL  | 53   |
| 25.78                  | 16.40                   |                         |                           | B-7641                   | M71-375-1-7641     | 54   |
| 25.78                  | 16.40                   |                         |                           | B-7641                   | M71-375-1-7641YL   | 54   |
| 25.78                  | 16.40                   |                         |                           | B-7641                   | M71-375-1-7641     | 54   |
| 25.78                  | 16.40                   |                         |                           | B-7641                   | M71-375-1-7641Y    | 54   |
| 25.78                  | 21.60                   |                         |                           | B-342                    | M71-500-1-342      | 53   |
| 25.78                  | 21.60                   |                         |                           | B-342                    | M71-500-1-342YL    | 53   |
| 25.78                  | 21.60                   |                         |                           | B-342                    | BM71-500-1-342     | 53   |
| 25.78                  | 21.60                   |                         |                           | B-342                    | BM71-500-1-342YL   | 53   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | M71-500-1-7641     | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | M71-500-1-7641YL   | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | BM71-500-1-7641    | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | BM71-500-1-7641YL  | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | M71-500-1-7641     | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | M71-500-1-7641Y    | 54   |
| 25.78                  | 21.60                   |                         |                           | B-7641                   | BM71-500-1-7641    | 54   |

| Label<br>Width<br>(mm) | Label<br>Height<br>(mm) | Label<br>Length<br>(mm) | Label<br>Diameter<br>(mm) | Brady<br>Material<br>No. | Order<br>Reference    | Page |
|------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-----------------------|------|
| 27.00                  | 12.50                   |                         |                           | B-7593                   | THTEP-02-7593-BK      | 116  |
| 27.00                  | 15.00                   |                         |                           | B-7593                   | M71EP-3-7593-SL       | 57   |
| 27.00                  | 15.00                   |                         |                           | B-7593                   | M71EP-3-7593-WT       | 57   |
| 27.00                  | 15.00                   |                         |                           | B-7593                   | THTEP-03-7593-WT      | 116  |
| 27.00                  | 15.00                   |                         |                           | B-7593                   | THTEP-03-7593-SV      | 116  |
| 27.00                  | 15.00                   |                         |                           | B-7593                   | THTEP-03-7593-BK      | 116  |
| 27.00                  | 18.00                   |                         |                           | B-7593                   | M71EP-4-7593-SL       | 57   |
| 27.00                  | 18.00                   |                         |                           | B-7593                   | M71EP-4-7593-WT       | 57   |
| 27.00                  | 18.00                   |                         |                           | B-7593                   | THTEP-04-7593-WT      | 116  |
| 27.00                  | 18.00                   |                         |                           | B-7593                   | THTEP-04-7593-SV      | 116  |
| 27.00                  | 18.00                   |                         |                           | B-7593                   | THTEP-04-7593-BK      | 116  |
| 27.94                  | 9.65                    |                         |                           | B-423                    | THT-31-423-10         | 103  |
| 28.70                  | 12.70                   |                         |                           | B-423                    | M71-24-423-BK         | 48   |
| 29.00                  | 72.00                   |                         |                           | B-595                    | B30-242-595-BLNKWT    | 77   |
| 29.00                  | 72.00                   |                         |                           | B-7569                   | B30-242-7569-WT       | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-BK     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-BL     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-GN     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-GR     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-RD     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-WT     | 77   |
| 29.00                  |                         | 30.00                   |                           | B-7569                   | B30C-1125-7569-YL     | 77   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-BK      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-BL      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-BR      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-CL      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-GD      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-GN      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-GY      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-OR      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-PL      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-RD      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-WT      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-595                    | B30C-1125-595-YL      | 76   |
| 29.00                  |                         | 30.40                   |                           | B-565                    | B30C-1125-565-SL      | 79   |
| 30.00                  | 4.40                    |                         |                           | B-7696                   | BPTRDS-30x4,4-7696    | 73   |
| 30.00                  | 4.40                    |                         |                           | B-7696                   | BPTRDS-30x4,4-7696-YL | 73   |
| 30.00                  | 4.40                    |                         |                           | B-7696                   | THTRDS-30x4,4-7696    | 139  |
| 30.00                  | 4.40                    |                         |                           | B-7696                   | THTRDS-30x4,4-7696-YL | 139  |
| 30.00                  | 10.00                   |                         |                           | B-425                    | M71FP-1-425           | 59   |
| 30.00                  | 10.00                   |                         |                           | B-425                    | B33FP-01-425          | 84   |
| 30.00                  | 10.00                   |                         |                           | B-425                    | B33FT-01-425          | 84   |
| 30.00                  | 10.00                   |                         |                           | B-425                    | THTFP-01-425          | 131  |
| 30.00                  | 10.00                   |                         |                           | B-425                    | THTFT-01-425          | 131  |
| 30.00                  | 20.00                   |                         |                           | B-425                    | MFT-01-425            | 36   |
| 30.00                  | 20.00                   |                         |                           | B-425                    | M71FT-1-425           | 59   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-BK       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-GN       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-RD       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-SL       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-WT       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | M71EP-5-7593-YL       | 57   |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | THTEP-05-7593-RD      | 117  |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | THTEP-05-7593-GR      | 117  |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | THTEP-05-7593-BK      | 117  |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | THTEP-05-7593-WT      | 117  |
| 30.00                  | 40.00                   |                         |                           | B-7593                   | THTEP-05-7593-SV      | 117  |
| 30.34                  | 3.66                    |                         |                           | B-7696                   | BM71D-4-7696          | 55   |
| 30.34                  | 3.66                    |                         |                           | B-7696                   | BM71D-4-7696-YL       | 55   |
| 30.34                  | 3.66                    |                         |                           | B-7696                   | M71D-4-7696           | 55   |
| 30.34                  | 3.66                    |                         |                           | B-7696                   | M71D-4-7696-YL        | 55   |
| 30.48                  |                         | 4.30                    |                           | B-427                    | M21-1250-427          | 24   |
| 30.50                  | 21.60                   |                         |                           | B-7604                   | BPT-999-007           | 71   |
| 30.63                  | 19.25                   |                         |                           | B-145                    | M-111-145FR-GY        | 36   |
| 30.63                  | 19.25                   |                         |                           | B-145                    | M71-111-145-GY        | 56   |
| 30.63                  | 19.25                   |                         |                           | B-145                    | M71-111-145-FR-GY     | 56   |
| 30.63                  | 19.25                   |                         |                           | B-145                    | BM71-111-145-GY       | 56   |
| 31.40                  |                         | 15.24                   |                           | B-7641                   | BM71C-750-7641        | 55   |
| 31.40                  |                         | 15.24                   |                           | B-7641                   | BM71C-750-7641YL      | 55   |
| 31.75                  | 6.35                    |                         |                           | B-423                    | M71-25-423            | 48   |
| 31.75                  | 6.35                    |                         |                           | B-718                    | M71-25-718            | 62   |
| 31.75                  | 6.35                    |                         |                           | B-8423                   | BPT-13-8423-2.5       | 72   |
| 31.75                  | 6.35                    |                         |                           | B-8423                   | B33-13-8423           | 79   |
| 31.75                  | 6.35                    |                         |                           | B-478                    | B33-43-478            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-479                    | B33-43-479            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-477                    | B33-43-477            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-457                    | B33-43-457            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-717                    | B33-43-717            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-719                    | B33-43-719            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-727                    | B33-43-727            | 81   |
| 31.75                  | 6.35                    |                         |                           | B-423                    | THT-13-423-10         | 103  |
| 31.75                  | 6.35                    |                         |                           | B-423                    | THT-43-423-10         | 103  |
| 31.75                  | 6.35                    |                         |                           | B-449                    | THT-13-449-10         | 107  |
| 31.75                  | 6.35                    |                         |                           | B-533                    | THT-13-533-10         | 110  |
| 31.75                  | 6.35                    |                         |                           | B-476                    | THT-43-476-10         | 119  |
| 31.75                  | 6.35                    |                         |                           | B-473                    | THT-13-473-10         | 119  |
| 31.75                  | 6.35                    |                         |                           | B-473                    | THT-43-473-10         | 119  |
| 31.75                  | 6.35                    |                         |                           | B-717                    | THT-43-717-10         | 120  |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference  | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|------------------|------|
| 31.75            | 6.35              |                   |                     | B-718              | THT-43-718-10    | 121  |
| 31.75            | 6.35              |                   |                     | B-719              | THT-43-719-10    | 122  |
| 31.75            | 6.35              |                   |                     | B-727              | THT-13-727-10    | 123  |
| 31.75            | 6.35              |                   |                     | B-727              | THT-43-727-10    | 123  |
| 31.75            | 6.35              |                   |                     | B-728              | THT-43-728-10    | 124  |
| 31.75            | 9.53              |                   |                     | B-423              | THT-29-423-10    | 103  |
| 31.75            | 9.53              |                   |                     | B-718              | THT-29-718-10    | 121  |
| 31.75            | 9.53              |                   |                     | B-719              | THT-29-719-10    | 122  |
| 31.75            | 9.53              |                   |                     | B-437              | THT-29-437-10    | 131  |
| 31.75            | 9.53              |                   |                     | B-437              | THT-29-437-10-YL | 131  |
| 31.75            | 19.05             |                   |                     | B-423/B-966        | THT-22-423-2     | 114  |
| 31.75            | 19.05             |                   |                     | B-428/B-966        | THT-22-428-2     | 114  |
| 31.75            | 25.40             |                   |                     | B-7604             | BPT-512-105      | 71   |
| 31.75            | 69.85             |                   |                     | B-423              | M71-26-423       | 48   |
| 31.75            | 69.85             |                   |                     | B-428              | M71-26-428       | 48   |
| 31.75            |                   | 7.62              |                     | B-427              | MC-1250-427      | 37   |
| 34.93            | 6.35              |                   |                     | B-457              | B33-44-457       | 81   |
| 34.93            | 6.35              |                   |                     | B-727              | B33-44-727       | 81   |
| 34.93            | 6.35              |                   |                     | B-423              | THT-40-423-10    | 103  |
| 34.93            | 6.35              |                   |                     | B-423              | THT-44-423-10    | 103  |
| 34.93            | 6.35              |                   |                     | B-717              | THT-44-717-10    | 120  |
| 34.93            | 6.35              |                   |                     | B-718              | THT-44-718-10    | 121  |
| 34.93            | 6.35              |                   |                     | B-727              | THT-44-727-10    | 123  |
| 34.93            | 25.40             |                   |                     | B-483              | M71-65-483       | 61   |
| 35.00            | 18.00             |                   |                     | B-7593             | M71EP-7-7593-SL  | 57   |
| 35.00            | 18.00             |                   |                     | B-7593             | M71EP-7-7593-WT  | 57   |
| 35.00            | 18.00             |                   |                     | B-7593             | M71EP-7-7593-YL  | 57   |
| 35.00            | 18.00             |                   |                     | B-7593             | THTEP-07-7593-WT | 116  |
| 35.00            | 18.00             |                   |                     | B-7593             | THTEP-07-7593-SV | 116  |
| 35.00            | 18.00             |                   |                     | B-7593             | THTEP-07-7593-BK | 116  |
| 35.00            | 18.00             |                   |                     | B-7593             | THTEP-07-7593-YL | 116  |
| 37.00            | 21.00             |                   |                     | B-430              | THTL-4-430       | 136  |
| 37.34            | 3.66              |                   |                     | B-7696             | BM71D-5-7696     | 55   |
| 37.34            | 3.66              |                   |                     | B-7696             | BM71D-5-7696-YL  | 55   |
| 37.34            | 3.66              |                   |                     | B-7696             | M71D-5-7696      | 55   |
| 38.10            | 3.18              |                   |                     | B-423              | M71-27-423       | 63   |
| 38.10            | 3.18              |                   |                     | B-423              | THT-28-423-10    | 103  |
| 38.10            | 3.18              |                   |                     | B-717              | THT-60-717-10    | 120  |
| 38.10            | 3.18              |                   |                     | B-719              | THT-60-719-10    | 122  |
| 38.10            | 3.18              |                   |                     | B-724              | THT-28-724-10    | 123  |
| 38.10            | 3.18              |                   |                     | B-727              | THT-60-727-10    | 123  |
| 38.10            | 4.60              |                   |                     | B-342              | PS-094-150-WT-S  | 150  |
| 38.10            | 4.60              |                   |                     | B-342              | PS-094-150-WT    | 150  |
| 38.10            | 4.60              |                   |                     | B-7642             | HX-094-150-WT    | 159  |
| 38.10            | 4.60              |                   |                     | B-7642             | HX-094-150-WT-J  | 159  |
| 38.10            | 4.60              |                   |                     | B-7642             | HX-094-150-WT-S  | 159  |
| 38.10            | 6.00              |                   |                     | B-342              | PS-125-150-WT    | 150  |
| 38.10            | 6.00              |                   |                     | B-342              | PS-125-150-WT-S  | 150  |
| 38.10            | 6.00              |                   |                     | B-7642             | HX-125-150-WT    | 159  |
| 38.10            | 6.00              |                   |                     | B-7642             | HX-125-150-WT-J  | 159  |
| 38.10            | 6.00              |                   |                     | B-7642             | HX-125-150-WT-S  | 159  |
| 38.10            | 6.35              |                   |                     | B-103              | LAM-3-103        | 114  |
| 38.10            | 6.35              |                   |                     | B-499              | M71-28-499       | 51   |
| 38.10            | 6.35              |                   |                     | B-724              | M71-28-724       | 62   |
| 38.10            | 6.35              |                   |                     | B-423              | M71-28-423       | 63   |
| 38.10            | 6.35              |                   |                     | B-473              | M71-28-473       | 63   |
| 38.10            | 6.35              |                   |                     | B-8423             | BPT-4-8423-2.5   | 72   |
| 38.10            | 6.35              |                   |                     | B-8423             | B33-104-8423     | 79   |
| 38.10            | 6.35              |                   |                     | B-457              | B33-45-457       | 81   |
| 38.10            | 6.35              |                   |                     | B-426              | B33-4-426        | 81   |
| 38.10            | 6.35              |                   |                     | B-426              | B33-104-426      | 81   |
| 38.10            | 6.35              |                   |                     | B-724              | B33-4-724        | 81   |
| 38.10            | 6.35              |                   |                     | B-727              | B33-45-727       | 81   |
| 38.10            | 6.35              |                   |                     | B-423              | THT-4-423-10     | 103  |
| 38.10            | 6.35              |                   |                     | B-423              | THT-45-423-10    | 103  |
| 38.10            | 6.35              |                   |                     | B-476              | THT-45-476-10    | 119  |
| 38.10            | 6.35              |                   |                     | B-476              | THT-4-476-10     | 119  |
| 38.10            | 6.35              |                   |                     | B-473              | THT-4-473-10     | 119  |
| 38.10            | 6.35              |                   |                     | B-473              | THT-45-473-10    | 119  |
| 38.10            | 6.35              |                   |                     | B-717              | THT-45-717-10    | 120  |
| 38.10            | 6.35              |                   |                     | B-718              | THT-45-718-10    | 121  |
| 38.10            | 6.35              |                   |                     | B-718              | THT-4-718-10     | 121  |
| 38.10            | 6.35              |                   |                     | B-719              | THT-45-719-10    | 122  |
| 38.10            | 6.35              |                   |                     | B-724              | THT-45-724-10    | 123  |
| 38.10            | 6.35              |                   |                     | B-724              | THT-4-724-10     | 123  |
| 38.10            | 6.35              |                   |                     | B-727              | THT-45-727-10    | 123  |
| 38.10            | 6.35              |                   |                     | B-727              | THT-4-727-10     | 123  |
| 38.10            | 6.35              |                   |                     | B-729              | THT-45-729-10    | 124  |
| 38.10            | 6.35              |                   |                     | B-7351             | THT-4-7351-10    | 126  |
| 38.10            | 8.50              |                   |                     | B-342              | PS-187-150-WT-S  | 150  |
| 38.10            | 8.50              |                   |                     | B-342              | PS-187-150-WT    | 150  |
| 38.10            | 8.50              |                   |                     | B-7642             | HX-187-150-WT    | 159  |
| 38.10            | 8.50              |                   |                     | B-7642             | HX-187-150-WT-J  | 159  |
| 38.10            | 8.50              |                   |                     | B-7642             | HX-187-150-WT-S  | 159  |
| 38.10            | 9.40              |                   |                     | B-422              | THT-102-422-10   | 103  |
| 38.10            | 9.53              |                   |                     | B-422              | M71-45-422       | 46   |
| 38.10            | 9.53              |                   |                     | B-430              | M71-45-430       | 60   |
| 38.10            | 9.53              |                   |                     | B-422              | THT-147-422-10   | 103  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference    | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------|------|
| 38.10            | 9.53              |                   |                     | B-7566             | THT-147-7566-10    | 127  |
| 38.10            | 11.15             |                   |                     | B-342              | PS-250-150-WT-S    | 150  |
| 38.10            | 11.15             |                   |                     | B-342              | PS-250-150-WT      | 150  |
| 38.10            | 11.15             |                   |                     | B-7642             | HX-250-150-WT      | 159  |
| 38.10            | 11.15             |                   |                     | B-7642             | HX-250-150-WT-J    | 159  |
| 38.10            | 11.15             |                   |                     | B-7642             | HX-250-150-WT-S    | 159  |
| 38.10            | 12.70             |                   |                     | B-428              | M-29-428           | 39   |
| 38.10            | 12.70             |                   |                     | B-483              | M71-29-483         | 46   |
| 38.10            | 12.70             |                   |                     | B-489              | M71-29-489         | 46   |
| 38.10            | 12.70             |                   |                     | B-428              | M71-29-428         | 48   |
| 38.10            | 12.70             |                   |                     | B-486              | M71-29-486         | 48   |
| 38.10            | 12.70             |                   |                     | B-498              | M71-29-498         | 51   |
| 38.10            | 12.70             |                   |                     | B-499              | M71-29-499         | 51   |
| 38.10            | 12.70             |                   |                     | B-498              | BM71-29-498        | 51   |
| 38.10            | 12.70             |                   |                     | B-423              | M71-29-423         | 61   |
| 38.10            | 12.70             |                   |                     | B-459              | M71-29-459         | 63   |
| 38.10            | 12.70             |                   |                     | B-423              | BM71-29-423        | 63   |
| 38.10            | 12.70             |                   |                     | B-413              | THT-37-413-10      | 102  |
| 38.10            | 12.70             |                   |                     | B-423              | THT-37-423-10      | 103  |
| 38.10            | 12.70             |                   |                     | B-428              | THT-37-428-10      | 105  |
| 38.10            | 12.70             |                   |                     | B-434              | THT-37-434-10      | 106  |
| 38.10            | 12.70             |                   |                     | B-483              | THT-37-483-10      | 108  |
| 38.10            | 12.70             |                   |                     | B-480              | THT-37-480-10      | 108  |
| 38.10            | 12.70             |                   |                     | B-486              | THT-37-486-10      | 109  |
| 38.10            | 12.70             |                   |                     | B-489              | THT-37-489-10      | 110  |
| 38.10            | 12.70             |                   |                     | B-352              | THT-37-352-10      | 125  |
| 38.10            | 12.70             |                   |                     | B-7546             | THT-37-7546-10     | 126  |
| 38.10            | 12.70             |                   |                     | B-7576             | THT-37-7576-10     | 127  |
| 38.10            | 16.40             |                   |                     | B-342              | PS-375-150-WT      | 150  |
| 38.10            | 16.40             |                   |                     | B-342              | PS-375-150-WT-S    | 150  |
| 38.10            | 16.40             |                   |                     | B-7642             | HX-375-150-WT      | 159  |
| 38.10            | 16.40             |                   |                     | B-7642             | HX-375-150-WT-J    | 159  |
| 38.10            | 19.05             |                   |                     | B-422              | M-30-422           | 37   |
| 38.10            | 19.05             |                   |                     | B-422              | M71-30-422         | 46   |
| 38.10            | 19.05             |                   |                     | B-483              | M71-30-483         | 46   |
| 38.10            | 19.05             |                   |                     | B-428              | M71-30-428-CALI    | 48   |
| 38.10            | 19.05             |                   |                     | B-486              | M71-30-486         | 48   |
| 38.10            | 19.05             |                   |                     | B-423              | M71-30-423-TEST    | 48   |
| 38.10            | 19.05             |                   |                     | B-499              | M71-30-499         | 49   |
| 38.10            | 19.05             |                   |                     | B-498              | M71-30-498         | 51   |
| 38.10            | 19.05             |                   |                     | B-459              | M71-30-459         | 63   |
| 38.10            | 19.05             |                   |                     | B-8423             | BPT-6-8423-2.5     | 72   |
| 38.10            | 19.05             |                   |                     | B-7563             | BPT-6-7563-2.5     | 72   |
| 38.10            | 19.05             |                   |                     | B-449              | THT-6-449-1.5-SC   | 72   |
| 38.10            | 19.05             |                   |                     | B-499              | THT-136-499-1.5-SC | 73   |
| 38.10            | 19.05             |                   |                     | B-7563             | B30-135-7563       | 79   |
| 38.10            | 19.05             |                   |                     | B-7563             | B33-6-7563         | 79   |
| 38.10            | 19.05             |                   |                     | B-8423             | B33-6-8423         | 79   |
| 38.10            | 19.05             |                   |                     | B-499              | B33-136-499        | 83   |
| 38.10            | 19.05             |                   |                     | B-427              | B33-135-427AW      | 84   |
| 38.10            | 19.05             |                   |                     | B-413              | THT-6-413-10       | 102  |
| 38.10            | 19.05             |                   |                     | B-423              | THT-6-423-10       | 103  |
| 38.10            | 19.05             |                   |                     | B-428              | THT-6-428-10       | 105  |
| 38.10            | 19.05             |                   |                     | B-434              | THT-6-434-10       | 106  |
| 38.10            | 19.05             |                   |                     | B-449              | THT-6-449-3        | 107  |
| 38.10            | 19.05             |                   |                     | B-480              | THT-6-480-10       | 108  |
| 38.10            | 19.05             |                   |                     | B-486              | THT-6-486-10       | 109  |
| 38.10            | 19.05             |                   |                     | B-103              | LAM-6-103          | 114  |
| 38.10            | 19.05             |                   |                     | B-352              | THT-6-352-10       | 125  |
| 38.10            | 19.05             |                   |                     | B-7546             | THT-6-7546-10      | 126  |
| 38.10            | 19.05             |                   |                     | B-7576             | THT-6-7576-10      | 127  |
| 38.10            | 19.05             |                   |                     | B-499              | THT-136-499-3      | 133  |
| 38.10            | 21.60             |                   |                     | B-342              | PS-500-150-WT-S    | 150  |
| 38.10            | 21.60             |                   |                     | B-342              | PS-500-150-WT      | 150  |
| 38.10            | 21.60             |                   |                     | B-7642             | HX-500-150-WT      | 159  |
| 38.10            | 21.60             |                   |                     | B-7642             | HX-500-150-WT-J    | 159  |
| 38.10            | 21.60             |                   |                     | B-7642             | HX-500-150-WT-S    | 159  |
| 38.10            | 25.40             |                   |                     | B-483              | M71-31-483         | 46   |
| 38.10            | 25.40             |                   |                     | B-498              | M71-31-498         | 51   |
| 38.10            | 25.40             |                   |                     | B-499              | M71-31-499         | 51   |
| 38.10            | 25.40             |                   |                     | B-427              | M71-104-427        | 52   |
| 38.10            | 25.40             |                   |                     | B-351              | M71-31-351         | 64   |
| 38.10            | 25.40             |                   |                     | B-352              | M71-31-352         | 64   |
| 38.10            | 25.40             |                   |                     | B-427              | B33-118-427        | 84   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167-593-BK   | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167-593-GN   | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167-593-RD   | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167-593-WT   | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167-593-YL   | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167U-593-BK  | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167U-593-GN  | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167U-593-RD  | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167U-593-WT  | 82   |
| 38.10            | 30.48             |                   |                     | B-593              | B30EP-167U-593-YL  | 82   |
| 38.10            | 31.40             |                   |                     | B-7642             | HX-750-150-WT      | 159  |
| 38.10            | 31.40             |                   |                     | B-7642             | HX-750-150-WT-J    | 159  |
| 38.10            | 31.40             |                   |                     | B-7642             | HX-750-150-WT-S    | 159  |
| 38.10            | 31.75             |                   |                     | B-499              | M-152-499          | 36   |



| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference      | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|----------------------|------|
| 38.10            | 31.75             |                   |                     | B-427              | M-115-427            | 37   |
| 38.10            | 31.75             |                   |                     | B-499              | M-132-499            | 39   |
| 38.10            | 31.75             |                   |                     | B-427              | B30-225-427          | 84   |
| 38.10            | 38.10             |                   |                     | B-427              | M-32-427             | 37   |
| 38.10            | 38.10             |                   |                     | B-489              | M71-32-489           | 46   |
| 38.10            | 38.10             |                   |                     | B-498              | M71-32-498           | 51   |
| 38.10            | 38.10             |                   |                     | B-427              | M71-32-427-YL        | 52   |
| 38.10            | 38.10             |                   |                     | B-427              | M71-32-427           | 52   |
| 38.10            | 38.10             |                   |                     | B-427              | BM71-32-427          | 52   |
| 38.10            | 38.10             |                   |                     | B-427              | B33-119-427          | 84   |
| 38.10            | 38.10             |                   |                     | B-427              | THT-119-427-2.5      | 130  |
| 38.10            | 42.16             |                   |                     | B-7642             | HX-1000-150-WT       | 159  |
| 38.10            | 42.16             |                   |                     | B-7642             | HX-1000-150-WT-J     | 159  |
| 38.10            | 42.16             |                   |                     | B-7642             | HX-1000-150-WT-S     | 159  |
| 38.10            | 61.80             |                   |                     | B-7642             | HX-1500-150-WT       | 159  |
| 38.10            | 61.80             |                   |                     | B-7642             | HX-1500-150-WT-J     | 159  |
| 38.10            | 63.50             |                   |                     | B-427              | M-116-427            | 37   |
| 38.10            | 63.50             |                   |                     | B-427              | BPT-517-427          | 73   |
| 38.10            | 63.50             |                   |                     | B-427              | B33-517-427          | 84   |
| 38.10            | 63.50             |                   |                     | B-427              | WRAP-5-427           | 97   |
| 38.10            | 80.40             |                   |                     | B-7642             | HX-2000-150-WT-J     | 159  |
| 38.10            | 101.60            |                   |                     | B-427              | M-33-427             | 37   |
| 38.10            | 101.60            |                   |                     | B-498              | M71-33-498           | 51   |
| 38.10            | 101.60            |                   |                     | B-427              | M71-33-427-YL        | 52   |
| 38.10            | 101.60            |                   |                     | B-427              | M71-109-427          | 52   |
| 38.10            | 101.60            |                   |                     | B-427              | M71-33-427           | 52   |
| 38.10            | 101.60            |                   |                     | B-427              | BM71-33-427          | 52   |
| 38.10            | 101.60            |                   |                     | B-427              | BM71-109-427         | 52   |
| 38.10            | 101.60            |                   |                     | B-427              | B30-188-427          | 84   |
| 38.10            | 152.40            |                   |                     | B-427              | M-34-427             | 37   |
| 38.10            | 152.40            |                   |                     | B-427              | M71-34-427           | 52   |
| 38.10            | 152.40            |                   |                     | B-427              | BM71-34-427          | 52   |
| 38.10            | 152.40            |                   |                     | B-427              | B30-226-427          | 84   |
| 38.10            |                   | 4.30              |                     | B-427              | M21-1500-427         | 24   |
| 38.10            |                   | 6.10              |                     | B-595              | MC-1500-595-CL-WT    | 37   |
| 38.10            |                   | 6.10              |                     | B-595              | MC-1500-595-CL-BK    | 41   |
| 38.10            |                   | 6.10              |                     | B-584              | MC-1500-584          | 43   |
| 38.10            |                   | 6.10              |                     | B-584              | MC-1500-584-YL       | 43   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-YL-BK    | 37   |
| 38.10            |                   | 7.62              |                     | B-427              | MC-1500-427          | 37   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-OR-BK    | 39   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-BL-WT    | 41   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-GN-WT    | 41   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-RD-WT    | 41   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-WT-BK    | 41   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-WT-RD    | 41   |
| 38.10            |                   | 7.62              |                     | B-595              | MC-1500-595-BK-WT    | 41   |
| 39.00            | 5.00              |                   |                     | B-430              | THITL-5-430          | 136  |
| 41.00            | 11.00             |                   |                     | B-7599             | BM71R-5-7599-YL      | 56   |
| 41.00            | 11.00             |                   |                     | B-7599             | THT-05-7599-YL       | 135  |
| 41.40            | 19.05             |                   |                     | B-428              | M71-35-428-PROP      | 48   |
| 42.16            |                   | 15.24             |                     | B-342              | BM71C-1000-342       | 54   |
| 44.45            | 6.35              |                   |                     | B-718              | THT-72-718-10        | 121  |
| 44.45            | 12.70             |                   |                     | B-425              | M71FP-2-425          | 59   |
| 44.45            | 25.40             |                   |                     | B-145              | M71-110-145-GY       | 56   |
| 44.45            | 25.40             |                   |                     | B-145              | M71-110-145-FR-GY    | 56   |
| 44.45            | 25.40             |                   |                     | B-145              | BM71-110-145-GY      | 56   |
| 44.45            | 25.40             |                   |                     | B-427              | B33-120-427          | 84   |
| 44.45            | 28.58             |                   |                     | B-109              | M71-36-109           | 56   |
| 44.45            | 38.10             |                   |                     | B-427              | M71-88-427           | 52   |
| 44.45            | 38.10             |                   |                     | B-427              | B33-121-427          | 84   |
| 44.83            | 4.60              |                   |                     | B-342              | M71-94-175-342       | 53   |
| 44.83            | 4.60              |                   |                     | B-342              | M71-94-175-342YL     | 53   |
| 44.83            | 4.60              |                   |                     | B-342              | BM71-94-175-342      | 53   |
| 44.83            | 4.60              |                   |                     | B-342              | BM71-94-175-342YL    | 53   |
| 44.83            | 4.60              |                   |                     | B-7641             | M71-94-175-7641      | 54   |
| 44.83            | 4.60              |                   |                     | B-7641             | M71-94-175-7641Y     | 55   |
| 44.83            | 4.60              |                   |                     | B-7641             | BM71-94-175-7641     | 55   |
| 44.83            | 4.60              |                   |                     | B-7641             | BM71-94-175-7641Y    | 55   |
| 44.83            | 6.00              |                   |                     | B-342              | M71-125-175-342      | 53   |
| 44.83            | 6.00              |                   |                     | B-342              | M71-125-175-342YL    | 53   |
| 44.83            | 6.00              |                   |                     | B-342              | BM71-125-175-342     | 54   |
| 44.83            | 6.00              |                   |                     | B-342              | BM71-125-175-342YL   | 54   |
| 44.83            | 6.00              |                   |                     | B-7641             | M71-125-175-7641     | 54   |
| 44.83            | 6.00              |                   |                     | B-7641             | M71-125-175-7641YL   | 54   |
| 44.83            | 6.00              |                   |                     | B-7641             | BM71-125-175-7641    | 54   |
| 44.83            | 6.00              |                   |                     | B-7641             | BM71-125-175-7641YL  | 54   |
| 44.83            | 6.00              |                   |                     | B-7641             | M71-125-175-7641     | 55   |
| 44.83            | 6.00              |                   |                     | B-7641             | M71-125-175-7641Y    | 55   |
| 44.83            | 6.00              |                   |                     | B-7641             | BM71-125-175-7641    | 55   |
| 44.83            | 6.00              |                   |                     | B-7641             | BM71-125-175-7641Y   | 55   |
| 44.83            | 8.50              |                   |                     | B-342              | M71-187-175-342YL    | 54   |
| 44.83            | 8.50              |                   |                     | B-342              | M71-187-175-342      | 54   |
| 44.83            | 8.50              |                   |                     | B-342              | BM71-187-175-342     | 54   |
| 44.83            | 8.50              |                   |                     | B-342              | BM71-187-175-342YL   | 54   |
| 44.83            | 8.50              |                   |                     | B-342              | BM71-187-175-342-ORG | 54   |
| 44.83            | 8.50              |                   |                     | B-342              | BM71-187-175-342-RD  | 54   |
| 44.83            | 8.50              |                   |                     | B-7641             | M71-187-175-7641     | 54   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference     | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------|------|
| 44.83            | 8.50              |                   |                     | B-7641             | M71-187-175-7641YL  | 54   |
| 44.83            | 8.50              |                   |                     | B-7641             | BM71-187-175-7641   | 54   |
| 44.83            | 8.50              |                   |                     | B-7641             | BM71-187-175-7641YL | 55   |
| 44.83            | 8.50              |                   |                     | B-7641             | M71-187-175-7641    | 55   |
| 44.83            | 8.50              |                   |                     | B-7641             | M71-187-175-7641Y   | 55   |
| 44.83            | 8.50              |                   |                     | B-7641             | BM71-187-175-7641   | 55   |
| 44.83            | 8.50              |                   |                     | B-7641             | BM71-187-175-7641Y  | 55   |
| 44.83            | 11.15             |                   |                     | B-342              | M71-250-175-342YL   | 53   |
| 44.83            | 11.15             |                   |                     | B-342              | M71-250-175-342     | 53   |
| 44.83            | 11.15             |                   |                     | B-342              | BM71-250-175-342    | 53   |
| 44.83            | 11.15             |                   |                     | B-342              | BM71-250-175-342YL  | 53   |
| 44.83            | 11.15             |                   |                     | B-342              | BM71-250-175-342-RD | 53   |
| 44.83            | 11.15             |                   |                     | B-7641             | M71-250-175-7641    | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | M71-250-175-7641YL  | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | BM71-250-175-7641   | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | BM71-250-175-7641Y  | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | BM71-250-175-7641YL | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | M71-250-175-7641    | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | M71-250-175-7641Y   | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | BM71-250-175-7641   | 55   |
| 44.83            | 11.15             |                   |                     | B-7641             | BM71-250-175-7641Y  | 55   |
| 44.83            | 16.38             |                   |                     | B-7641             | BM71-375-175-7641   | 55   |
| 44.83            | 16.38             |                   |                     | B-7641             | BM71-375-175-7641YL | 55   |
| 44.83            | 16.38             |                   |                     | B-7641             | BM71-375-175-7641   | 55   |
| 44.83            | 16.38             |                   |                     | B-7641             | BM71-375-175-7641Y  | 55   |
| 44.83            | 16.40             |                   |                     | B-342              | M71-375-175-342     | 53   |
| 44.83            | 16.40             |                   |                     | B-342              | M71-375-175-342YL   | 53   |
| 44.83            | 16.40             |                   |                     | B-342              | BM71-375-175-342    | 53   |
| 44.83            | 16.40             |                   |                     | B-342              | BM71-375-175-342-YL | 53   |
| 44.83            | 16.40             |                   |                     | B-7641             | M71-375-175-7641    | 55   |
| 44.83            | 16.40             |                   |                     | B-7641             | M71-375-175-7641YL  | 55   |
| 44.83            | 16.40             |                   |                     | B-7641             | M71-375-175-7641    | 55   |
| 44.83            | 16.40             |                   |                     | B-7641             | M71-375-175-7641Y   | 55   |
| 44.83            | 21.60             |                   |                     | B-342              | M71-500-175-342     | 53   |
| 44.83            | 21.60             |                   |                     | B-342              | M71-500-175-342YL   | 53   |
| 44.83            | 21.60             |                   |                     | B-342              | BM71-500-175-342    | 53   |
| 44.83            | 21.60             |                   |                     | B-342              | BM71-500-175-342-RD | 53   |
| 44.83            | 21.60             |                   |                     | B-7641             | M71-500-175-7641    | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | M71-500-175-7641YL  | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | BM71-500-175-7641   | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | BM71-500-175-7641YL | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | M71-500-175-7641    | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | M71-500-175-7641Y   | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | BM71-500-175-7641   | 55   |
| 44.83            | 21.60             |                   |                     | B-7641             | BM71-500-175-7641Y  | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | M71-750-175-7641    | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | M71-750-175-7641YL  | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | BM71-750-175-7641YL | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | M71-750-175-7641    | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | M71-750-175-7641Y   | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | BM71-750-175-7641   | 55   |
| 44.83            | 31.40             |                   |                     | B-7641             | BM71-750-175-7641Y  | 55   |
| 44.83            | 42.16             |                   |                     | B-342              | BM71-1000-175-342   | 53   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-BK    | 82   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-GN    | 82   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-RD    | 82   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-SL    | 82   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-WT    | 82   |
| 44.99            | 14.99             |                   |                     | B-593              | B30EP-172-593-YL    | 82   |
| 45.00            | 15.00             |                   |                     | B-7593             | M71EP-6-7593-BK     | 57   |
| 45.00            | 15.00             |                   |                     | B-7593             | M71EP-6-7593-RD     | 57   |
| 45.00            | 15.00             |                   |                     | B-7593             | BM71E-6-7593-SL     | 57   |
| 45.00            | 15.00             |                   |                     | B-7593             | BM71E-6-7593-WT     | 57   |
| 45.00            | 15.00             |                   |                     | B-7593             | M71EP-6-7593-YL     | 57   |
| 45.00            | 15.00             |                   |                     | B-7593             | THTEP-06-7593-WT    | 116  |
| 45.00            | 15.00             |                   |                     | B-7593             | THTEP-06-7593-SV    | 116  |
| 45.00            | 15.00             |                   |                     | B-7593             | THTEP-06-7593-BK    | 116  |
| 45.72            | 45.72             |                   |                     | B-593              | B30EP-169-593-BK    | 82   |
| 45.72            | 45.72             |                   |                     | B-593              | B30EP-169-593-GN    | 82   |
| 45.72            | 45.72             |                   |                     | B-593              | B30EP-169-593-RD    | 82   |
| 45.72            | 45.72             |                   |                     | B-593              | B30EP-169-593-WT    | 82   |
| 45.72            | 45.72             |                   |                     | B-593              | B30EP-169-593-YL    | 82   |
| 48.00            | 19.00             |                   |                     | B-7593             | M71EP-8-7593-SL     | 57   |
| 48.00            | 19.00             |                   |                     | B-7593             | M71EP-8-7593-WT     | 57   |
| 48.00            | 19.00             |                   |                     | B-7593             | THTEP-08-7593-WT    | 116  |
| 48.00            | 19.00             |                   |                     | B-7593             | THTEP-08-7593-SV    | 117  |
| 48.00            | 19.00             |                   |                     | B-7593             | THTEP-08-7593-BK    | 117  |
| 48.00            | 19.00             |                   |                     | B-7593             | THTEP-08-7593-YL    | 117  |
| 48.26            | 6.35              |                   |                     | B-488              | M71-81-488          | 49   |
| 48.26            | 6.35              |                   |                     | B-499              | M71-81-499          | 49   |
| 48.26            | 6.35              |                   |                     | B-488              | BPT-635-488         | 72   |
| 48.26            | 25.40             |                   |                     | B-499              | M71-78-499          | 49   |
| 48.26            | 30.48             |                   |                     | B-593              | B30EP-168-593-BK    | 82   |
| 48.26            | 30.48             |                   |                     | B-593              | B30EP-168-593-GN    | 82   |
| 48.26            | 30.48             |                   |                     | B-593              | B30EP-168-593-RD    | 82   |
| 48.26            | 30.48             |                   |                     | B-593              | B30EP-168-593-WT    | 82   |
| 48.26            | 30.48             |                   |                     | B-593              | B30EP-168-593-YL    | 82   |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference        | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|------------------------|------|
| 48.26            | 101.60            |                   |                     | B-483              | M71-38-483             | 46   |
| 48.26            | 101.60            |                   |                     | B-489              | M71-38-489             | 46   |
| 48.26            | 101.60            |                   |                     | B-483              | M71-38-483-CAUT        | 48   |
| 48.26            | 101.60            |                   |                     | B-483              | M71-38-483-NOTI        | 48   |
| 48.26            | 101.60            |                   |                     | B-423              | M71-38-423             | 48   |
| 48.26            | 101.60            |                   |                     | B-428              | M71-38-428             | 48   |
| 48.26            | 101.60            |                   |                     | B-483              | M71-38-483-DANG        | 48   |
| 48.26            | 101.60            |                   |                     | B-483              | M71-38-483-WARN        | 48   |
| 48.26            |                   | 9.10              |                     | B-498              | M71C-1900-498          | 51   |
| 48.26            |                   | 9.10              |                     | B-499              | M71C-1900-499          | 51   |
| 48.26            |                   | 15.24             |                     | B-422              | M71C-1900-422          | 46   |
| 48.26            |                   | 15.24             |                     | B-430              | M71C-1900-430          | 46   |
| 48.26            |                   | 15.24             |                     | B-483              | M71C-1900-483          | 46   |
| 49.00            | 11.00             |                   |                     | B-430              | THTL-6-430             | 136  |
| 49.23            | 9.53              |                   |                     | B-412              | M71-40-412             | 60   |
| 49.23            | 9.53              |                   |                     | B-412              | BM71-40-412            | 60   |
| 49.28            | 80.00             |                   |                     | B-427              | M71-66-427             | 52   |
| 50.00            | 4.80              |                   |                     | B-7646             | 3DPS-2.4x50mm-B7646YL  | 164  |
| 50.00            | 6.60              |                   |                     | B-7646             | 3DPS-3.2x50mm-B7646YL  | 164  |
| 50.00            | 9.20              |                   |                     | B-7646             | 3DPS-4.8x50mm-B7646YL  | 164  |
| 50.00            | 11.25             |                   |                     | B-7646             | 3DPS-6.4x50mm-B7646YL  | 164  |
| 50.00            | 16.50             |                   |                     | B-7646             | 3DPS-9.5x50mm-B7646YL  | 164  |
| 50.00            | 20.80             |                   |                     | B-7646             | 3DPS-12.7x50mm-B7646YL | 164  |
| 50.00            | 31.20             |                   |                     | B-7646             | 3DPS-19.1x50mm-B7646YL | 164  |
| 50.00            | 41.00             |                   |                     | B-7646             | 3DPS-25.4x50mm-B7646YL | 164  |
| 50.00            | 63.00             |                   |                     | B-7646             | 3DPS-38.1x50mm-B7646YL | 164  |
| 50.00            | 75.00             |                   |                     | B-483/B-7552       | THTPNP-03-483/7552-1   | 115  |
| 50.00            | 75.00             |                   |                     | B-434/B-7564       | THTPNP-03-434/7564-1   | 115  |
| 50.80            | 4.60              |                   |                     | B-7642             | B33-94-2-7642          | 86   |
| 50.80            | 4.60              |                   |                     | B-7642             | B33D-94-2-7642         | 86   |
| 50.80            | 4.60              |                   |                     | B-342              | B33-94-2-342           | 87   |
| 50.80            | 4.60              |                   |                     | B-342              | B33-94-2-342YL         | 87   |
| 50.80            | 4.60              |                   |                     | B-342              | B33D-94-2-342BK        | 87   |
| 50.80            | 4.60              |                   |                     | B-342              | B33D-94-2-342          | 87   |
| 50.80            | 4.60              |                   |                     | B-342              | B33D-94-2-342YL        | 87   |
| 50.80            | 4.60              |                   |                     | B-345              | B33D-94-2-345BK        | 88   |
| 50.80            | 4.60              |                   |                     | B-345              | B33D-94-2-345          | 88   |
| 50.80            | 4.60              |                   |                     | B-342              | PS-094-2-WT-S          | 151  |
| 50.80            | 4.60              |                   |                     | B-342              | PS-094-2-WT            | 151  |
| 50.80            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT-S         | 152  |
| 50.80            | 4.60              |                   |                     | B-342              | 3PS-094-2-WT           | 152  |
| 50.80            | 4.60              |                   |                     | B-345              | 3HT-094-2-WT-S         | 154  |
| 50.80            | 4.60              |                   |                     | B-7641             | LSZH-094-2-WT          | 156  |
| 50.80            | 4.60              |                   |                     | B-7641             | LSZH-094-2-WT-S        | 156  |
| 50.80            | 4.60              |                   |                     | B-7641             | 2LSZH-094-2-WT         | 157  |
| 50.80            | 4.60              |                   |                     | B-7641             | 2LSZH-094-2-WT-S       | 157  |
| 50.80            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT           | 160  |
| 50.80            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-J         | 160  |
| 50.80            | 4.60              |                   |                     | B-7642             | 2HX-094-2-WT-S         | 160  |
| 50.80            | 6.00              |                   |                     | B-7642             | B33-125-2-7642         | 86   |
| 50.80            | 6.00              |                   |                     | B-7642             | B33D-125-2-7642        | 86   |
| 50.80            | 6.00              |                   |                     | B-342              | B33D-125-2-342BK       | 87   |
| 50.80            | 6.00              |                   |                     | B-342              | B33D-125-2-342         | 87   |
| 50.80            | 6.00              |                   |                     | B-342              | B33D-125-2-342YL       | 87   |
| 50.80            | 6.00              |                   |                     | B-342              | B33-125-2-342          | 87   |
| 50.80            | 6.00              |                   |                     | B-342              | B33-125-2-342YL        | 87   |
| 50.80            | 6.00              |                   |                     | B-345              | B33D-125-2-345BK       | 88   |
| 50.80            | 6.00              |                   |                     | B-345              | B33D-125-2-345         | 88   |
| 50.80            | 6.00              |                   |                     | B-342              | PS-125-2-WT            | 151  |
| 50.80            | 6.00              |                   |                     | B-342              | PS-125-2-WT-S          | 151  |
| 50.80            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT-S         | 152  |
| 50.80            | 6.00              |                   |                     | B-342              | 3PS-125-2-WT           | 152  |
| 50.80            | 6.00              |                   |                     | B-345              | 2HT-125-2-WT-S         | 154  |
| 50.80            | 6.00              |                   |                     | B-7641             | LSZH-125-2-WT          | 156  |
| 50.80            | 6.00              |                   |                     | B-7641             | LSZH-125-2-WT-S        | 156  |
| 50.80            | 6.00              |                   |                     | B-7641             | 2LSZH-125-2-WT         | 157  |
| 50.80            | 6.00              |                   |                     | B-7641             | 2LSZH-125-2-WT-S       | 157  |
| 50.80            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT           | 160  |
| 50.80            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-J         | 160  |
| 50.80            | 6.00              |                   |                     | B-7642             | 2HX-125-2-WT-S         | 160  |
| 50.80            | 6.35              |                   |                     | B-423              | THT-15-423-2.5-SC      | 72   |
| 50.80            | 6.35              |                   |                     | B-499              | THT-151-499-1.5-SC     | 73   |
| 50.80            | 6.35              |                   |                     | B-499              | B33-151-499            | 83   |
| 50.80            | 6.35              |                   |                     | B-423              | THT-15-423-2.5         | 103  |
| 50.80            | 6.35              |                   |                     | B-423              | THT-48-423-10          | 104  |
| 50.80            | 6.35              |                   |                     | B-488              | THT-15-488-2.5         | 109  |
| 50.80            | 6.35              |                   |                     | B-476              | THT-15-476-2.5         | 119  |
| 50.80            | 6.35              |                   |                     | B-473              | THT-15-473-2.5         | 119  |
| 50.80            | 6.35              |                   |                     | B-473              | THT-48-473-10          | 119  |
| 50.80            | 6.35              |                   |                     | B-717              | THT-15-717-2.5         | 120  |
| 50.80            | 6.35              |                   |                     | B-717              | THT-48-717-10          | 120  |
| 50.80            | 6.35              |                   |                     | B-718              | THT-48-718-10          | 121  |
| 50.80            | 6.35              |                   |                     | B-719              | THT-48-719-10          | 122  |
| 50.80            | 6.35              |                   |                     | B-727              | THT-48-727-10          | 123  |
| 50.80            | 6.35              |                   |                     | B-729              | THT-48-729-10          | 124  |
| 50.80            | 6.35              |                   |                     | B-7351             | THT-15-7351-2.5        | 126  |
| 50.80            | 6.35              |                   |                     | B-499              | THT-151-499-3          | 133  |
| 50.80            | 6.60              |                   |                     | B-7646             | 3:1DPS-3.2x50-B7646-YL | 163  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference         | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|-------------------------|------|
| 50.80            | 8.50              |                   |                     | B-7642             | B33-187-2-7642          | 86   |
| 50.80            | 8.50              |                   |                     | B-7642             | B33D-187-2-7642         | 86   |
| 50.80            | 8.50              |                   |                     | B-342              | B33D-187-2-342BK        | 87   |
| 50.80            | 8.50              |                   |                     | B-342              | B33-187-2-342-2         | 87   |
| 50.80            | 8.50              |                   |                     | B-342              | B33D-187-2-342          | 87   |
| 50.80            | 8.50              |                   |                     | B-342              | B33D-187-2-342YL        | 87   |
| 50.80            | 8.50              |                   |                     | B-342              | B33-187-2-342           | 87   |
| 50.80            | 8.50              |                   |                     | B-342              | B33-187-2-342YL         | 87   |
| 50.80            | 8.50              |                   |                     | B-345              | B33D-187-2-345BK        | 88   |
| 50.80            | 8.50              |                   |                     | B-345              | B33D-187-2-345          | 88   |
| 50.80            | 8.50              |                   |                     | B-342              | PS-187-2-WT-S           | 151  |
| 50.80            | 8.50              |                   |                     | B-342              | PS-187-2-WT             | 151  |
| 50.80            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT            | 152  |
| 50.80            | 8.50              |                   |                     | B-342              | 3PS-187-2-WT-S          | 152  |
| 50.80            | 8.50              |                   |                     | B-345              | 2HT-187-2-WT-S          | 154  |
| 50.80            | 8.50              |                   |                     | B-7641             | LSZH-187-2-WT           | 156  |
| 50.80            | 8.50              |                   |                     | B-7641             | LSZH-187-2-WT-S         | 156  |
| 50.80            | 8.50              |                   |                     | B-7641             | 2LSZH-187-2-WT          | 157  |
| 50.80            | 8.50              |                   |                     | B-7641             | 2LSZH-187-2-WT-S        | 157  |
| 50.80            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT            | 160  |
| 50.80            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-J          | 160  |
| 50.80            | 8.50              |                   |                     | B-7642             | 2HX-187-2-WT-S          | 160  |
| 50.80            | 9.20              |                   |                     | B-7646             | 3:1DPS-4.8x50-B7646-YL  | 163  |
| 50.80            | 10.16             |                   |                     | B-423              | THT-79-423-10           | 104  |
| 50.80            | 10.16             |                   |                     | B-508              | HSNX-800-2-WT           | 134  |
| 50.80            | 10.16             |                   |                     | B-508              | HSNX-800-2-YL           | 134  |
| 50.80            | 11.15             |                   |                     | B-7642             | B33-250-2-7642          | 86   |
| 50.80            | 11.15             |                   |                     | B-7642             | B33D-250-2-7642         | 86   |
| 50.80            | 11.15             |                   |                     | B-342              | B33D-250-2-342BK        | 87   |
| 50.80            | 11.15             |                   |                     | B-342              | B33-250-2-342YL         | 87   |
| 50.80            | 11.15             |                   |                     | B-342              | B33-250-2-342-2         | 87   |
| 50.80            | 11.15             |                   |                     | B-342              | B33D-250-2-342          | 87   |
| 50.80            | 11.15             |                   |                     | B-342              | B33D-250-2-342YL        | 87   |
| 50.80            | 11.15             |                   |                     | B-342              | B33-250-2-342           | 87   |
| 50.80            | 11.15             |                   |                     | B-345              | B33D-250-2-345BK        | 88   |
| 50.80            | 11.15             |                   |                     | B-345              | B33D-250-2-345          | 88   |
| 50.80            | 11.15             |                   |                     | B-342              | PS-250-2-WT-S           | 151  |
| 50.80            | 11.15             |                   |                     | B-342              | PS-250-2-WT             | 151  |
| 50.80            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT-S          | 152  |
| 50.80            | 11.15             |                   |                     | B-342              | 3PS-250-2-WT            | 152  |
| 50.80            | 11.15             |                   |                     | B-345              | 2HT-250-2-WT-S          | 154  |
| 50.80            | 11.15             |                   |                     | B-7641             | LSZH-250-2-WT           | 156  |
| 50.80            | 11.15             |                   |                     | B-7641             | LSZH-250-2-WT-S         | 156  |
| 50.80            | 11.15             |                   |                     | B-7641             | 2LSZH-250-2-WT          | 157  |
| 50.80            | 11.15             |                   |                     | B-7641             | 2LSZH-250-2-WT-S        | 157  |
| 50.80            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT            | 160  |
| 50.80            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-J          | 160  |
| 50.80            | 11.15             |                   |                     | B-7642             | 2HX-250-2-WT-S          | 160  |
| 50.80            | 11.25             |                   |                     | B-7646             | 3:1DPS-6.4x50-B7646-YL  | 163  |
| 50.80            | 12.70             |                   |                     | B-7597             | B33-7597W-2050          | 85   |
| 50.80            | 12.70             |                   |                     | B-413              | THT-53-413-3            | 102  |
| 50.80            | 12.70             |                   |                     | B-423              | THT-53-423-3            | 104  |
| 50.80            | 12.70             |                   |                     | B-424              | THT-53-424-3            | 104  |
| 50.80            | 12.70             |                   |                     | B-428              | THT-53-428-3            | 105  |
| 50.80            | 12.70             |                   |                     | B-480              | THT-53-480-3            | 108  |
| 50.80            | 12.70             |                   |                     | B-486              | THT-53-486-3            | 109  |
| 50.80            | 12.70             |                   |                     | B-352              | THT-53-352-3            | 125  |
| 50.80            | 12.70             |                   |                     | B-7546             | THT-53-7546-3           | 126  |
| 50.80            | 12.70             |                   |                     | B-7576             | THT-53-7576-3           | 127  |
| 50.80            | 12.70             |                   |                     | B-7597             | BT-7597W-2050           | 135  |
| 50.80            | 16.40             |                   |                     | B-7642             | B33-375-2-7642          | 86   |
| 50.80            | 16.40             |                   |                     | B-7642             | B33D-375-2-7642         | 86   |
| 50.80            | 16.40             |                   |                     | B-342              | B33D-375-2-342BK        | 87   |
| 50.80            | 16.40             |                   |                     | B-342              | B33-375-2-342YL         | 87   |
| 50.80            | 16.40             |                   |                     | B-342              | B33-375-2-342-2         | 87   |
| 50.80            | 16.40             |                   |                     | B-342              | B33D-375-2-342          | 87   |
| 50.80            | 16.40             |                   |                     | B-342              | B33D-375-2-342YL        | 87   |
| 50.80            | 16.40             |                   |                     | B-342              | B33-375-2-342           | 87   |
| 50.80            | 16.40             |                   |                     | B-345              | B33D-375-2-345BK        | 88   |
| 50.80            | 16.40             |                   |                     | B-345              | B33D-375-2-345          | 88   |
| 50.80            | 16.40             |                   |                     | B-342              | PS-375-2-WT-S           | 151  |
| 50.80            | 16.40             |                   |                     | B-342              | PS-375-2-WT             | 151  |
| 50.80            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT-S          | 152  |
| 50.80            | 16.40             |                   |                     | B-342              | 3PS-375-2-WT            | 152  |
| 50.80            | 16.40             |                   |                     | B-345              | 2HT-375-2-WT-S          | 154  |
| 50.80            | 16.40             |                   |                     | B-7641             | LSZH-375-2-WT           | 156  |
| 50.80            | 16.40             |                   |                     | B-7641             | LSZH-375-2-WT-S         | 156  |
| 50.80            | 16.40             |                   |                     | B-7641             | 2LSZH-375-2-WT          | 157  |
| 50.80            | 16.40             |                   |                     | B-7641             | 2LSZH-375-2-WT-S        | 157  |
| 50.80            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT            | 160  |
| 50.80            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-J          | 160  |
| 50.80            | 16.40             |                   |                     | B-7642             | 2HX-375-2-WT-S          | 160  |
| 50.80            | 16.50             |                   |                     | B-7646             | 3:1DPS-9.5x50-B7646-YL  | 163  |
| 50.80            | 20.80             |                   |                     | B-7646             | 3:1DPS-12.7x50-B7646-YL | 163  |
| 50.80            | 21.60             |                   |                     | B-7642             | B33-500-2-7642          | 86   |
| 50.80            | 21.60             |                   |                     | B-7642             | B33D-500-2-7642         | 86   |
| 50.80            | 21.60             |                   |                     | B-342              | B33D-500-2-342BK        | 87   |
| 50.80            | 21.60             |                   |                     | B-342              | B33-500-2-342YL         | 87   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference                  | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|----------------------------------|------|
| 50.80            | 21.60             |                   |                     | B-342              | B33D-500-2-342                   | 87   |
| 50.80            | 21.60             |                   |                     | B-342              | B33D-500-2-342YL                 | 87   |
| 50.80            | 21.60             |                   |                     | B-342              | B33-500-2-342                    | 87   |
| 50.80            | 21.60             |                   |                     | B-345              | B33D-500-2-345BK                 | 88   |
| 50.80            | 21.60             |                   |                     | B-345              | B33D-500-2-345                   | 88   |
| 50.80            | 21.60             |                   |                     | B-342              | PS-500-2-WT                      | 151  |
| 50.80            | 21.60             |                   |                     | B-342              | PS-500-2-WT,BULK (1000 PCS/ROLL) | 151  |
| 50.80            | 21.60             |                   |                     | B-342              | PS-500-2-WT,BULK (2500 PCS/ROLL) | 151  |
| 50.80            | 21.60             |                   |                     | B-342              | PS-500-2-WT-S                    | 151  |
| 50.80            | 21.60             |                   |                     | B-342              | 3PS-500-2-WT-S                   | 152  |
| 50.80            | 21.60             |                   |                     | B-342              | 3PS-500-2-WT                     | 152  |
| 50.80            | 21.60             |                   |                     | B-345              | 2HT-500-2-WT-S                   | 154  |
| 50.80            | 21.60             |                   |                     | B-7641             | LSZH-500-2-WT                    | 156  |
| 50.80            | 21.60             |                   |                     | B-7641             | LSZH-500-2-WT-S                  | 156  |
| 50.80            | 21.60             |                   |                     | B-7641             | 2LSZH-500-2-WT                   | 157  |
| 50.80            | 21.60             |                   |                     | B-7641             | 2LSZH-500-2-WT-S                 | 157  |
| 50.80            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT                     | 160  |
| 50.80            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-J                   | 160  |
| 50.80            | 21.60             |                   |                     | B-7642             | 2HX-500-2-WT-S                   | 160  |
| 50.80            | 25.40             |                   |                     | B-8423             | BPT-17-8423-1                    | 72   |
| 50.80            | 25.40             |                   |                     | B-7563             | BPT-17-7563-1                    | 72   |
| 50.80            | 25.40             |                   |                     | B-433              | THT-17-433-1.5-SC                | 72   |
| 50.80            | 25.40             |                   |                     | B-449              | THT-17-449-1.5-SC                | 72   |
| 50.80            | 25.40             |                   |                     | B-533              | THT-17-533-1.5-SC                | 72   |
| 50.80            | 25.40             |                   |                     | B-498              | THT-17-498-1.5-SC                | 73   |
| 50.80            | 25.40             |                   |                     | B-499              | THT-137-499-1.5-SC               | 73   |
| 50.80            | 25.40             |                   |                     | B-438              | B30-17-438                       | 79   |
| 50.80            | 25.40             |                   |                     | B-7563             | B30-17-7563                      | 79   |
| 50.80            | 25.40             |                   |                     | B-430              | B33-17-430                       | 79   |
| 50.80            | 25.40             |                   |                     | B-434              | B33-17-434                       | 79   |
| 50.80            | 25.40             |                   |                     | B-489              | B33-17-489                       | 79   |
| 50.80            | 25.40             |                   |                     | B-432              | B33-17-432                       | 79   |
| 50.80            | 25.40             |                   |                     | B-483              | B33-17-483                       | 79   |
| 50.80            | 25.40             |                   |                     | B-428              | B33-17-428                       | 79   |
| 50.80            | 25.40             |                   |                     | B-423              | B33-17-423                       | 79   |
| 50.80            | 25.40             |                   |                     | B-425              | B33-17-425                       | 80   |
| 50.80            | 25.40             |                   |                     | B-486              | B33-17-486                       | 80   |
| 50.80            | 25.40             |                   |                     | B-424              | B33-17-424                       | 80   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-BK                 | 82   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-GN                 | 82   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-RD                 | 82   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-SL                 | 82   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-WT                 | 82   |
| 50.80            | 25.40             |                   |                     | B-593              | B30EP-173-593-YL                 | 82   |
| 50.80            | 25.40             |                   |                     | B-427              | B33-137-427AW                    | 84   |
| 50.80            | 25.40             |                   |                     | B-408              | THT-17-408-3                     | 102  |
| 50.80            | 25.40             |                   |                     | B-413              | THT-17-413-3                     | 102  |
| 50.80            | 25.40             |                   |                     | B-422              | THT-17-422-3                     | 103  |
| 50.80            | 25.40             |                   |                     | B-423              | THT-17-423-3                     | 104  |
| 50.80            | 25.40             |                   |                     | B-424              | THT-17-424-3                     | 104  |
| 50.80            | 25.40             |                   |                     | B-425              | THT-17-425-3                     | 104  |
| 50.80            | 25.40             |                   |                     | B-428              | THT-17-428-3                     | 105  |
| 50.80            | 25.40             |                   |                     | B-430              | THT-17-430-3                     | 105  |
| 50.80            | 25.40             |                   |                     | B-434              | THT-17-434-3                     | 106  |
| 50.80            | 25.40             |                   |                     | B-449              | THT-17-449-3                     | 107  |
| 50.80            | 25.40             |                   |                     | B-483              | THT-17-483-3                     | 108  |
| 50.80            | 25.40             |                   |                     | B-480              | THT-17-480-3                     | 108  |
| 50.80            | 25.40             |                   |                     | B-486              | THT-17-486-3                     | 109  |
| 50.80            | 25.40             |                   |                     | B-484              | THT-17-484-3                     | 109  |
| 50.80            | 25.40             |                   |                     | B-488              | THT-17-488-3                     | 109  |
| 50.80            | 25.40             |                   |                     | B-489              | THT-17-489-3                     | 110  |
| 50.80            | 25.40             |                   |                     | B-533              | THT-17-533-3                     | 110  |
| 50.80            | 25.40             |                   |                     | B-8423             | XHTT-17-8423-5                   | 113  |
| 50.80            | 25.40             |                   |                     | B-103              | LAM-7-103                        | 114  |
| 50.80            | 25.40             |                   |                     | B-423/B-966        | THT-23-423-2                     | 114  |
| 50.80            | 25.40             |                   |                     | B-428/B-966        | THT-23-428-2                     | 114  |
| 50.80            | 25.40             |                   |                     | B-352              | THT-17-352-3                     | 125  |
| 50.80            | 25.40             |                   |                     | B-438              | THT-17-438-3                     | 126  |
| 50.80            | 25.40             |                   |                     | B-7351             | THT-17-7351-3                    | 126  |
| 50.80            | 25.40             |                   |                     | B-7546             | THT-17-7546-3                    | 126  |
| 50.80            | 25.40             |                   |                     | B-7566             | THT-17-7566-3                    | 127  |
| 50.80            | 25.40             |                   |                     | B-7576             | THT-17-7576-3                    | 127  |
| 50.80            | 25.40             |                   |                     | B-498              | THT-17-498-3                     | 132  |
| 50.80            | 25.40             |                   |                     | B-499              | THT-137-499-3                    | 133  |
| 50.80            | 31.20             |                   |                     | B-7646             | 3:1DPS-19X50-B7646-YL            | 163  |
| 50.80            | 31.40             |                   |                     | B-7642             | B33-750-2-7642                   | 86   |
| 50.80            | 31.40             |                   |                     | B-7642             | B33D-750-2-7642                  | 86   |
| 50.80            | 31.40             |                   |                     | B-7641             | LSZH-750-2-WT                    | 156  |
| 50.80            | 31.40             |                   |                     | B-7641             | LSZH-750-2-WT-S                  | 156  |
| 50.80            | 31.40             |                   |                     | B-7641             | 2LSZH-750-2-WT                   | 157  |
| 50.80            | 31.40             |                   |                     | B-7641             | 2LSZH-750-2-WT-S                 | 157  |
| 50.80            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT                     | 160  |
| 50.80            | 31.40             |                   |                     | B-7642             | 2HX-750-2-WT-J                   | 160  |
| 50.80            | 31.80             |                   |                     | B-342              | B33D-750-2-342YL                 | 87   |
| 50.80            | 31.80             |                   |                     | B-342              | B33D-750-2-342BK                 | 87   |
| 50.80            | 31.80             |                   |                     | B-342              | B33-750-2-342YL                  | 87   |
| 50.80            | 31.80             |                   |                     | B-342              | B33D-750-2-342                   | 87   |
| 50.80            | 31.80             |                   |                     | B-342              | B33-750-2-342                    | 87   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference       | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|-----------------------|------|
| 50.80            | 31.80             |                   |                     | B-345              | B33D-750-2-345BK      | 88   |
| 50.80            | 31.80             |                   |                     | B-345              | B33D-750-2-345        | 88   |
| 50.80            | 31.80             |                   |                     | B-342              | PS-750-2-WT           | 151  |
| 50.80            | 31.80             |                   |                     | B-342              | PS-750-2-WT-S         | 151  |
| 50.80            | 31.80             |                   |                     | B-342              | 3PS-750-2-WT          | 152  |
| 50.80            | 31.80             |                   |                     | B-342              | 3PS-750-2-WT-S        | 152  |
| 50.80            | 31.80             |                   |                     | B-345              | 2HT-750-2-WT-S        | 154  |
| 50.80            | 38.10             |                   |                     | B-427              | M71-107-427           | 52   |
| 50.80            | 38.10             |                   |                     | B-427              | BM71-107-427          | 52   |
| 50.80            | 38.10             |                   |                     | B-427              | WRAP-12-427           | 97   |
| 50.80            | 41.00             |                   |                     | B-7646             | 3:1DPS-25X50-B7646-YL | 163  |
| 50.80            | 42.16             |                   |                     | B-7642             | B33-1000-2-7642       | 86   |
| 50.80            | 42.16             |                   |                     | B-7642             | B33D-1000-2-7642      | 86   |
| 50.80            | 42.16             |                   |                     | B-342              | B33D-1000-2-342BK     | 87   |
| 50.80            | 42.16             |                   |                     | B-342              | B33D-1000-2-342YL     | 87   |
| 50.80            | 42.16             |                   |                     | B-342              | B33D-1000-2-342       | 87   |
| 50.80            | 42.16             |                   |                     | B-342              | B33-1000-2-342        | 87   |
| 50.80            | 42.16             |                   |                     | B-342              | B33-1000-2-342YL      | 87   |
| 50.80            | 42.16             |                   |                     | B-345              | B33D-1000-2-345BK     | 88   |
| 50.80            | 42.16             |                   |                     | B-345              | B33D-1000-2-345       | 88   |
| 50.80            | 42.16             |                   |                     | B-342              | PS-1000-2-WT          | 151  |
| 50.80            | 42.16             |                   |                     | B-342              | PS-1000-2-WT-S        | 151  |
| 50.80            | 42.16             |                   |                     | B-342              | 3PS-1000-2-WT         | 152  |
| 50.80            | 42.16             |                   |                     | B-342              | 3PS-1000-2-WT-S       | 152  |
| 50.80            | 42.16             |                   |                     | B-345              | 2HT-1000-2-WT-S       | 154  |
| 50.80            | 42.16             |                   |                     | B-7641             | LSZH-1000-2-WT        | 156  |
| 50.80            | 42.16             |                   |                     | B-7641             | LSZH-1000-2-WT-S      | 156  |
| 50.80            | 42.16             |                   |                     | B-7641             | 2LSZH-1000-2-WT       | 157  |
| 50.80            | 42.16             |                   |                     | B-7641             | 2LSZH-1000-2-WT-S     | 157  |
| 50.80            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT         | 160  |
| 50.80            | 42.16             |                   |                     | B-7642             | 2HX-1000-2-WT-J       | 160  |
| 50.80            | 50.80             |                   |                     | B-499              | WRAP-9-499            | 97   |
| 50.80            | 61.80             |                   |                     | B-7642             | B33-1500-2-7642       | 86   |
| 50.80            | 61.80             |                   |                     | B-7642             | B33D-1500-2-7642      | 86   |
| 50.80            | 61.80             |                   |                     | B-342              | B33D-1500-2-342BK     | 87   |
| 50.80            | 61.80             |                   |                     | B-342              | B33D-1500-2-342       | 87   |
| 50.80            | 61.80             |                   |                     | B-342              | B33D-1500-2-342YL     | 87   |
| 50.80            | 61.80             |                   |                     | B-342              | B33-1500-2-342BK      | 87   |
| 50.80            | 61.80             |                   |                     | B-342              | B33-1500-2-342        | 87   |
| 50.80            | 61.80             |                   |                     | B-342              | B33-1500-2-342YL      | 87   |
| 50.80            | 61.80             |                   |                     | B-345              | B33D-1500-2-345BK     | 88   |
| 50.80            | 61.80             |                   |                     | B-345              | B33D-1500-2-345       | 88   |
| 50.80            | 61.80             |                   |                     | B-342              | PS-1500-2-WT          | 151  |
| 50.80            | 61.80             |                   |                     | B-342              | PS-1500-2-WT-S        | 151  |
| 50.80            | 61.80             |                   |                     | B-342              | 3PS-1500-2-WT         | 152  |
| 50.80            | 61.80             |                   |                     | B-342              | 3PS-1500-2-WT-S       | 152  |
| 50.80            | 61.80             |                   |                     | B-345              | 2HT-1500-2-WT-S       | 154  |
| 50.80            | 61.80             |                   |                     | B-7641             | LSZH-1500-2-WT        | 156  |
| 50.80            | 61.80             |                   |                     | B-7641             | 2LSZH-1500-2-WT       | 157  |
| 50.80            | 61.80             |                   |                     | B-7642             | 2HX-1500-2-WT         | 160  |
| 50.80            | 61.80             |                   |                     | B-7642             | 2HX-1500-2-WT-J       | 160  |
| 50.80            | 63.00             |                   |                     | B-7646             | 3:1DPS-38X50-B7646-YL | 163  |
| 50.80            | 76.20             |                   |                     | B-427              | WRAP-6-427            | 97   |
| 50.80            | 80.40             |                   |                     | B-7642             | B33-2000-2-7642       | 86   |
| 50.80            | 80.40             |                   |                     | B-7642             | B33D-2000-2-7642      | 86   |
| 50.80            | 80.40             |                   |                     | B-7642             | 2HX-2000-2-WT         | 160  |
| 50.80            | 80.40             |                   |                     | B-7642             | 2HX-2000-2-WT-J       | 160  |
| 50.80            | 95.25             |                   |                     | B-427              | B33-27-427            | 84   |
| 50.80            | 95.25             |                   |                     | B-427              | THT-27-427-1          | 130  |
| 50.80            | 152.40            |                   |                     | B-427              | THT-82-427-0.5        | 130  |
| 50.80            | 177.80            |                   |                     | B-427              | THT-83-427-0.5        | 130  |
| 50.80            |                   | 15.24             |                     | B-529              | M71C-2000-529         | 46   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-BK      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-BL      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-BR      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-CL      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-GD      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-GN      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-GY      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-LB      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-OC      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-OR      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-PK      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-PL      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-RD      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-SB      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-TN      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-WT      | 47   |
| 50.80            |                   | 15.24             |                     | B-595              | M71C-2000-595-YL      | 47   |
| 50.80            |                   | 15.24             |                     | B-581              | M71C-2000-581-WT      | 49   |
| 50.80            |                   | 15.24             |                     | B-581              | M71C-2000-581-YL      | 49   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-WT-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-BK-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-YL-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-RD-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-BL-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-GN-KT    | 50   |
| 50.80            |                   | 15.24             |                     | B-483/B-634        | M71-2000-483-OR-KT    | 50   |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference          | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------------|------|
| 50.80            |                   | 15.24             |                     | B-530              | M71C-2000-530            | 64   |
| 50.80            |                   | 22.86             |                     | B-584              | BM71C-2000-584-OR        | 50   |
| 50.80            |                   | 22.86             |                     | B-584              | BM71C-2000-584-YL        | 50   |
| 50.80            |                   | 22.86             |                     | B-582              | BM71C-2000-582           | 50   |
| 50.80            |                   | 22.86             |                     | B-584              | BM71C-2000-584-WT        | 50   |
| 50.80            |                   | 91.44             |                     | B-413              | THT-106-413              | 102  |
| 50.80            |                   | 91.44             |                     | B-480              | THT-106-480              | 108  |
| 55.00            | 75.00             |                   |                     | B-423              | B30-217-423-HSIDL2       | 89   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L1-7610-0.4-SC  | 70   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L2-7610-0.4-SC  | 70   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L3A-7610-0.4-SC | 70   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L3B-7610-0.4-SC | 70   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L4A-7610-0.4-SC | 70   |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L4B-7610-0.4-SC | 70   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L1-7594-0.4-SC  | 71   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L2-7594-0.4-SC  | 71   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L3A-7594-0.4-SC | 71   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L3B-7594-0.4-SC | 71   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L4A-7594-0.4-SC | 71   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L4B-7594-0.4-SC | 71   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP1        | 78   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP2        | 78   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP3A       | 78   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP3B       | 78   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP4A       | 78   |
| 55.00            | 85.00             |                   |                     | B-7569             | B30-260-7569-CLP4B       | 78   |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L1-7594-2       | 111  |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L2-7594-2       | 111  |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L3A-7594-2      | 111  |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L3B-7594-2      | 111  |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L4A-7594-2      | 111  |
| 55.00            | 85.00             |                   |                     | B-7594             | THTCLP-S-L4B-7594-2      | 111  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L1-7610-2       | 112  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L2-7610-2       | 112  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L3A-7610-2      | 112  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L3B-7610-2      | 112  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L4A-7610-2      | 112  |
| 55.00            | 85.00             |                   |                     | B-7610             | THTCLP-S-L4B-7610-2      | 112  |
| 55.88            | 38.10             |                   |                     | B-427              | B33-640-427AW            | 84   |
| 56.00            | 20.00             |                   |                     | B-7511             | TIL-6-37C/100F           | 128  |
| 56.00            | 20.00             |                   |                     | B-7511             | TIL-6-60C/140F           | 128  |
| 56.00            | 20.00             |                   |                     | B-7511             | TIL-6-88C/190F           | 128  |
| 56.00            | 20.00             |                   |                     | B-7511             | TIL-6-116C/240F          | 128  |
| 56.00            | 20.00             |                   |                     | B-7512             | TIL-6-149C/300F          | 128  |
| 56.00            | 20.00             |                   |                     | B-7512             | TIL-6-182C/360F          | 128  |
| 57.00            | 75.00             |                   |                     | B-595              | B30-241-595-BLNKWT       | 77   |
| 57.00            | 75.00             |                   |                     | B-595              | B30-241-595-BLNKYL       | 77   |
| 57.00            | 75.00             |                   |                     | B-7569             | B30-241-7569-WT          | 77   |
| 57.00            | 75.00             |                   |                     | B-7569             | B30-241-7569-YL          | 77   |
| 57.00            | 98.00             |                   |                     | B-595              | B30-219-595-BLNKWT       | 77   |
| 57.00            | 98.00             |                   |                     | B-7569             | B30-219-7569-WT          | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-BK        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-BL        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-GN        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-OR        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-RD        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-WT        | 77   |
| 57.00            |                   | 30.00             |                     | B-7569             | B30C-2250-7569-YL        | 77   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-BK         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-BL         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-BR         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-CL         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-GD         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-GN         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-GY         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-OR         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-PL         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-RD         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-WT         | 76   |
| 57.00            |                   | 30.40             |                     | B-595              | B30C-2250-595-YL         | 76   |
| 57.00            |                   | 30.40             |                     | B-565              | B30C-2250-565-SL         | 79   |
| 57.15            | 19.05             |                   |                     | B-7604             | BPT-522-075              | 71   |
| 57.15            | 19.05             |                   |                     | B-7608             | BPT-722-075              | 71   |
| 57.15            | 31.75             |                   |                     | B-7608             | BPT-222-125              | 71   |
| 57.15            | 31.75             |                   |                     | B-7604             | BPT-522-125              | 71   |
| 57.15            | 50.80             |                   |                     | B-7608             | BPT-222-205              | 71   |
| 57.15            | 50.80             |                   |                     | B-7604             | BPT-522-205              | 71   |
| 57.15            | 76.20             |                   |                     | B-7604             | BPT-522-305              | 71   |
| 57.15            | 76.20             |                   |                     | B-7608             | BPT-222-305              | 71   |
| 57.15            | 101.60            |                   |                     | B-7608             | BPT-222-405              | 71   |
| 57.15            | 101.60            |                   |                     | B-7604             | BPT-522-405              | 71   |
| 59.00            | 25.00             |                   |                     | B-7645             | LT-59x25-B7645           | 136  |
| 59.00            | 25.00             |                   |                     | B-7645             | LT-59x25-B7645-WR        | 136  |
| 60.00            | 10.00             |                   |                     | B-7643             | BM71H-1-7643-WT          | 56   |
| 60.00            | 10.00             |                   |                     | B-7643             | BM71H-1-7643-YL          | 56   |
| 60.00            | 10.00             |                   |                     | B-7643             | HCM-60x10-B7643-WT       | 135  |
| 60.00            | 10.00             |                   |                     | B-7643             | HCM-60x10-B7643-OR       | 135  |
| 60.00            | 10.00             |                   |                     | B-7643             | HCM-60x10-B7643-YL       | 135  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference          | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------------|------|
| 60.00            | 10.00             |                   |                     | B-7643             | HCM-60x10-B7643-RD       | 135  |
| 60.00            | 10.00             |                   |                     | B-7643             | HCM-60x10-B7643-BK       | 135  |
| 60.00            | 30.00             |                   |                     | B-7593             | THTEP-15-7593-WT         | 117  |
| 60.00            | 30.00             |                   |                     | B-7593             | THTEP-15-7593-SV         | 117  |
| 60.00            | 30.00             |                   |                     | B-7593             | THTEP-15-7593-BK         | 117  |
| 60.00            | 30.00             |                   |                     | B-7593             | THTEP-15-7593-YL         | 117  |
| 60.00            | 60.00             |                   |                     | B-7593             | THTEP-19-7593-RD         | 117  |
| 60.00            | 60.00             |                   |                     | B-7593             | THTEP-19-7593-YL         | 117  |
| 60.00            | 400.00            |                   |                     | B-7593             | THTEP-18-7593-SV         | 117  |
| 60.00            | 400.00            |                   |                     | B-7593             | THTEP-18-7593-WT         | 117  |
| 60.80            | 12.70             |                   |                     | B-7597             | BPT-7597W-2050           | 73   |
| 60.96            | 60.96             |                   |                     | B-593              | B30EP-170-593-BK         | 82   |
| 60.96            | 60.96             |                   |                     | B-593              | B30EP-170-593-GN         | 82   |
| 60.96            | 60.96             |                   |                     | B-593              | B30EP-170-593-RD         | 82   |
| 60.96            | 60.96             |                   |                     | B-593              | B30EP-170-593-WT         | 82   |
| 60.96            | 60.96             |                   |                     | B-593              | B30EP-170-593-YL         | 82   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-OR           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-GR           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-BL           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-YL           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-RD           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-BK           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-WT           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-PL           | 70   |
| 63.00            |                   | 40.00             |                     | B-439              | BPTC-63-439-SL           | 107  |
| 63.50            | 5.08              |                   |                     | B-423              | THT-142-423-2.5          | 104  |
| 63.50            | 57.15             |                   |                     | B-427              | B33-26-427               | 84   |
| 63.50            | 57.15             |                   |                     | B-427              | THT-26-427-1             | 130  |
| 64.00            |                   | 15.24             |                     | B-551              | B30C-2500-551-WT         | 78   |
| 65.00            | 13.00             |                   |                     | B-7644             | LC-65x13-B7644           | 136  |
| 66.68            | 25.40             |                   |                     | B-427              | B33-131-427              | 84   |
| 66.68            | 25.40             |                   |                     | B-427              | B33-648-427AW            | 84   |
| 69.00            | 19.00             |                   |                     | B-7593             | THTEP-09-7593-WT         | 117  |
| 69.00            | 19.00             |                   |                     | B-7593             | THTEP-09-7593-SV         | 117  |
| 69.00            | 19.00             |                   |                     | B-7593             | THTEP-09-7593-BK         | 117  |
| 69.00            | 19.00             |                   |                     | B-7593             | THTEP-09-7593-YL         | 117  |
| 69.00            | 150.00            |                   |                     | B-7593             | THTEP-17-7593-SV         | 117  |
| 69.00            | 150.00            |                   |                     | B-7593             | THTEP-17-7593-WT         | 117  |
| 69.85            | 31.75             |                   |                     | B-8423             | BPT-7-8423-1             | 72   |
| 69.85            | 31.75             |                   |                     | B-7563             | BPT-7-7563-1             | 72   |
| 69.85            | 31.75             |                   |                     | B-7563             | B30-7-7563               | 79   |
| 69.85            | 31.75             |                   |                     | B-413              | THT-7-413-3              | 102  |
| 69.85            | 31.75             |                   |                     | B-422              | THT-7-422-3              | 103  |
| 69.85            | 31.75             |                   |                     | B-423              | THT-7-423-3              | 104  |
| 69.85            | 31.75             |                   |                     | B-424              | THT-7-424-3              | 104  |
| 69.85            | 31.75             |                   |                     | B-425              | THT-7-425-3              | 104  |
| 69.85            | 31.75             |                   |                     | B-428              | THT-7-428-3              | 105  |
| 69.85            | 31.75             |                   |                     | B-483              | THT-7-483-3              | 108  |
| 69.85            | 31.75             |                   |                     | B-480              | THT-7-480-3              | 108  |
| 69.85            | 31.75             |                   |                     | B-486              | THT-7-486-3              | 109  |
| 69.85            | 31.75             |                   |                     | B-489              | THT-7-489-3              | 110  |
| 69.85            | 31.75             |                   |                     | B-352              | THT-7-352-3              | 125  |
| 69.85            | 31.75             |                   |                     | B-7546             | THT-7-7546-3             | 126  |
| 69.85            | 31.75             |                   |                     | B-7566             | THT-7-7566-3             | 127  |
| 69.85            | 31.75             |                   |                     | B-7576             | THT-7-7576-3             | 127  |
| 69.85            | 44.45             |                   |                     | B-423/B-966        | THT-24-423-1             | 114  |
| 69.85            | 44.45             |                   |                     | B-428/B-966        | THT-24-428-1             | 114  |
| 71.00            | 9.00              |                   |                     | B-7644             | LC-71x9-B7644            | 136  |
| 75.00            | 10.00             |                   |                     | B-7643             | BM71H-2-7643-WT          | 56   |
| 75.00            | 10.00             |                   |                     | B-7643             | BM71H-2-7643-YL          | 56   |
| 75.00            | 10.00             |                   |                     | B-7643             | HCM-75x10-B7643-WT       | 135  |
| 75.00            | 10.00             |                   |                     | B-7643             | HCM-75x10-B7643-OR       | 135  |
| 75.00            | 10.00             |                   |                     | B-7643             | HCM-75x10-B7643-RD       | 135  |
| 75.00            | 10.00             |                   |                     | B-7643             | HCM-75x10-B7643-BK       | 135  |
| 75.00            | 15.00             |                   |                     | B-7643             | HCM-75x15-B7643-WT       | 135  |
| 75.00            | 15.00             |                   |                     | B-7643             | HCM-75x15-B7643-YL       | 135  |
| 75.00            | 15.00             |                   |                     | B-7643             | HCM-75x15-B7643-OR       | 135  |
| 75.00            | 15.00             |                   |                     | B-7643             | HCM-75x15-B7643-RD       | 135  |
| 75.00            | 15.00             |                   |                     | B-7643             | HCM-75x15-B7643-BK       | 135  |
| 75.00            | 25.00             |                   |                     | B-7643             | BM71H-3-7643-WT          | 56   |
| 75.00            | 25.00             |                   |                     | B-7643             | BM71H-3-7643-YL          | 56   |
| 75.00            | 25.00             |                   |                     | B-7643             | HCM-75x25-B7643-WT       | 135  |
| 75.00            | 25.00             |                   |                     | B-7643             | HCM-75x25-B7643-OR       | 135  |
| 75.00            | 25.00             |                   |                     | B-7643             | HCM-75x25-B7643-YL       | 135  |
| 75.00            | 25.00             |                   |                     | B-7643             | HCM-75x25-B7643-RD       | 135  |
| 75.00            | 25.00             |                   |                     | B-7643             | HCM-75x25-B7643-BK       | 135  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L1-7610-0.3-SC  | 70   |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L2-7610-0.3-SC  | 70   |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L3A-7610-0.3-SC | 70   |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L3B-7610-0.3-SC | 70   |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L4A-7610-0.3-SC | 70   |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCLP-M-L4B-7610-0.3-SC | 70   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L1-7594-0.3-SC  | 71   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L2-7594-0.3-SC  | 71   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L3A-7594-0.3-SC | 71   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L3B-7594-0.3-SC | 71   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L4A-7594-0.3-SC | 71   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCLP-M-L4B-7594-0.3-SC | 71   |



| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference     | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|---------------------|------|
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP1   | 78   |
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP2   | 78   |
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP3A  | 78   |
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP3B  | 78   |
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP4A  | 78   |
| 75.00            | 110.00            |                   |                     | B-7569             | B30-261-7569-CLP4B  | 78   |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L1-7594-1  | 111  |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L2-7594-1  | 111  |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L3A-7594-1 | 111  |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L3B-7594-1 | 111  |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L4A-7594-1 | 111  |
| 75.00            | 110.00            |                   |                     | B-7594             | THTCPL-M-L4B-7594-1 | 111  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L1-7610-1  | 112  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L2-7610-1  | 113  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L3A-7610-1 | 113  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L3B-7610-1 | 113  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L4A-7610-1 | 113  |
| 75.00            | 110.00            |                   |                     | B-7610             | THTCPL-M-L4B-7610-1 | 113  |
| 75.00            |                   | 30.00             |                     | B-7569             | B30C-3000-7569-WT   | 77   |
| 75.00            |                   | 30.00             |                     | B-7569             | B30C-3000-7569-YL   | 77   |
| 75.00            |                   | 30.40             |                     | B-595              | B30C-3000-595-WT    | 76   |
| 75.00            |                   | 30.40             |                     | B-595              | B30C-3000-595-YL    | 76   |
| 75.00            |                   | 30.40             |                     | B-438              | B30C-3000-438       | 79   |
| 76.00            | 50.00             |                   |                     | B-7563             | BPT-19-7563-0.5     | 72   |
| 76.20            | 6.35              |                   |                     | B-423              | THT-16-423-2.5      | 104  |
| 76.20            | 6.35              |                   |                     | B-724              | THT-16-724-2.5      | 123  |
| 76.20            | 6.35              |                   |                     | B-729              | THT-16-729-2.5      | 124  |
| 76.20            | 19.05             |                   |                     | B-593              | B30EP-175-593-WT    | 82   |
| 76.20            | 19.05             |                   |                     | B-593              | B30EP-175-593-BK    | 83   |
| 76.20            | 19.05             |                   |                     | B-593              | B30EP-175-593-GN    | 83   |
| 76.20            | 19.05             |                   |                     | B-593              | B30EP-175-593-YL    | 83   |
| 76.20            | 25.40             |                   |                     | B-438              | B30-18-438          | 79   |
| 76.20            | 25.40             |                   |                     | B-428              | B33-18-428          | 79   |
| 76.20            | 25.40             |                   |                     | B-430              | B33-18-430          | 79   |
| 76.20            | 25.40             |                   |                     | B-434              | B33-18-434          | 79   |
| 76.20            | 25.40             |                   |                     | B-432              | B33-18-432          | 79   |
| 76.20            | 25.40             |                   |                     | B-489              | B33-18-489          | 79   |
| 76.20            | 25.40             |                   |                     | B-483              | B33-18-483          | 79   |
| 76.20            | 25.40             |                   |                     | B-423              | B33-18-423          | 79   |
| 76.20            | 25.40             |                   |                     | B-425              | B33-18-425          | 80   |
| 76.20            | 25.40             |                   |                     | B-486              | B33-18-486          | 80   |
| 76.20            | 25.40             |                   |                     | B-424              | B33-18-424          | 80   |
| 76.20            | 25.40             |                   |                     | B-593              | B30EP-176-593-BK    | 83   |
| 76.20            | 25.40             |                   |                     | B-593              | B30EP-176-593-GN    | 83   |
| 76.20            | 25.40             |                   |                     | B-593              | B30EP-176-593-WT    | 83   |
| 76.20            | 25.40             |                   |                     | B-593              | B30EP-176-593-YL    | 83   |
| 76.20            | 25.40             |                   |                     | B-408              | THT-18-408-3        | 102  |
| 76.20            | 25.40             |                   |                     | B-413              | THT-18-413-3        | 102  |
| 76.20            | 25.40             |                   |                     | B-422              | THT-18-422-3        | 103  |
| 76.20            | 25.40             |                   |                     | B-423              | THT-18-423-3        | 104  |
| 76.20            | 25.40             |                   |                     | B-424              | THT-18-424-3        | 104  |
| 76.20            | 25.40             |                   |                     | B-425              | THT-18-425-3        | 104  |
| 76.20            | 25.40             |                   |                     | B-428              | THT-18-428-3        | 105  |
| 76.20            | 25.40             |                   |                     | B-430              | THT-18-430-3        | 105  |
| 76.20            | 25.40             |                   |                     | B-435              | THT-18-435-3        | 106  |
| 76.20            | 25.40             |                   |                     | B-434              | THT-18-434-3        | 106  |
| 76.20            | 25.40             |                   |                     | B-449              | THT-18-449-3        | 107  |
| 76.20            | 25.40             |                   |                     | B-483              | THT-18-483-3        | 108  |
| 76.20            | 25.40             |                   |                     | B-480              | THT-18-480-3        | 108  |
| 76.20            | 25.40             |                   |                     | B-486              | THT-18-486-3        | 109  |
| 76.20            | 25.40             |                   |                     | B-484              | THT-18-484-3        | 109  |
| 76.20            | 25.40             |                   |                     | B-488              | THT-18-488-3        | 109  |
| 76.20            | 25.40             |                   |                     | B-489              | THT-18-489-3        | 110  |
| 76.20            | 25.40             |                   |                     | B-533              | THT-18-533-3        | 110  |
| 76.20            | 25.40             |                   |                     | B-8423             | XTHT-18-8423-5      | 113  |
| 76.20            | 25.40             |                   |                     | B-352              | THT-18-352-3        | 125  |
| 76.20            | 25.40             |                   |                     | B-438              | THT-18-438-3        | 126  |
| 76.20            | 25.40             |                   |                     | B-7546             | THT-18-7546-3       | 126  |
| 76.20            | 25.40             |                   |                     | B-7566             | THT-18-7566-3       | 127  |
| 76.20            | 25.40             |                   |                     | B-7576             | THT-18-7576-3       | 127  |
| 76.20            | 42.16             |                   |                     | B-7642             | HX-1000-3-WT        | 161  |
| 76.20            | 42.16             |                   |                     | B-7642             | HX-1000-3-WT-J      | 161  |
| 76.20            | 48.26             |                   |                     | B-422              | M71-37-422          | 46   |
| 76.20            | 48.26             |                   |                     | B-483              | M71-37-483          | 46   |
| 76.20            | 48.26             |                   |                     | B-423              | M71-37-423          | 48   |
| 76.20            | 48.26             |                   |                     | B-486              | M71-37-486          | 48   |
| 76.20            | 48.26             |                   |                     | B-351              | M71-37-351          | 64   |
| 76.20            | 48.26             |                   |                     | B-352              | M71-37-352          | 64   |
| 76.20            | 50.00             |                   |                     | B-7563             | B33-19-7563         | 89   |
| 76.20            | 50.80             |                   |                     | B-438              | B30-222-438         | 79   |
| 76.20            | 50.80             |                   |                     | B-7563             | B30-222-7563        | 79   |
| 76.20            | 50.80             |                   |                     | B-434              | B33-19-434          | 79   |
| 76.20            | 50.80             |                   |                     | B-483              | B33-19-483          | 79   |
| 76.20            | 50.80             |                   |                     | B-489              | B33-19-489          | 79   |
| 76.20            | 50.80             |                   |                     | B-432              | B33-19-432          | 79   |
| 76.20            | 50.80             |                   |                     | B-486              | B33-19-486          | 80   |
| 76.20            | 50.80             |                   |                     | B-425              | B33-19-425          | 80   |
| 76.20            | 50.80             |                   |                     | B-424              | B33-19-424          | 80   |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference   | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|-------------------|------|
| 76.20            | 50.80             |                   |                     | B-408              | THT-19-408-1      | 102  |
| 76.20            | 50.80             |                   |                     | B-413              | THT-19-413-1      | 102  |
| 76.20            | 50.80             |                   |                     | B-422              | THT-19-422-1      | 103  |
| 76.20            | 50.80             |                   |                     | B-423              | THT-19-423-1      | 104  |
| 76.20            | 50.80             |                   |                     | B-424              | THT-19-424-1      | 104  |
| 76.20            | 50.80             |                   |                     | B-425              | THT-19-425-1      | 104  |
| 76.20            | 50.80             |                   |                     | B-432              | THT-19-432-1      | 105  |
| 76.20            | 50.80             |                   |                     | B-428              | THT-19-428-1      | 105  |
| 76.20            | 50.80             |                   |                     | B-430              | THT-19-430-1      | 105  |
| 76.20            | 50.80             |                   |                     | B-435              | THT-19-435-1      | 106  |
| 76.20            | 50.80             |                   |                     | B-434              | THT-19-434-1      | 106  |
| 76.20            | 50.80             |                   |                     | B-449              | THT-19-449-1      | 107  |
| 76.20            | 50.80             |                   |                     | B-459              | THT-19-459-1      | 108  |
| 76.20            | 50.80             |                   |                     | B-483              | THT-19-483-1      | 108  |
| 76.20            | 50.80             |                   |                     | B-480              | THT-19-480-1      | 108  |
| 76.20            | 50.80             |                   |                     | B-486              | THT-19-486-1      | 109  |
| 76.20            | 50.80             |                   |                     | B-484              | THT-19-484-1      | 109  |
| 76.20            | 50.80             |                   |                     | B-489              | THT-19-489-1      | 110  |
| 76.20            | 50.80             |                   |                     | B-533              | THT-19-533-1      | 110  |
| 76.20            | 50.80             |                   |                     | B-8423             | XTHT-19-8423-3    | 113  |
| 76.20            | 50.80             |                   |                     | B-352              | THT-19-352-1      | 125  |
| 76.20            | 50.80             |                   |                     | B-438              | THT-19-438-1      | 126  |
| 76.20            | 50.80             |                   |                     | B-7546             | THT-19-7546-1     | 126  |
| 76.20            | 50.80             |                   |                     | B-7576             | THT-19-7576-1     | 127  |
| 76.20            | 61.80             |                   |                     | B-7642             | HX-1500-3-WT      | 161  |
| 76.20            | 61.80             |                   |                     | B-7642             | HX-1500-3-WT-J    | 161  |
| 76.20            | 63.50             |                   |                     | B-593              | B30EP-177-593-BK  | 83   |
| 76.20            | 63.50             |                   |                     | B-593              | B30EP-177-593-GN  | 83   |
| 76.20            | 63.50             |                   |                     | B-593              | B30EP-177-593-WT  | 83   |
| 76.20            | 63.50             |                   |                     | B-593              | B30EP-177-593-YL  | 83   |
| 76.20            | 80.40             |                   |                     | B-7642             | HX-2000-3-WT      | 161  |
| 76.20            | 80.40             |                   |                     | B-7642             | HX-2000-3-WT-J    | 161  |
| 76.20            | 127.00            |                   |                     | B-408              | THT-20-408-1      | 102  |
| 76.20            | 127.00            |                   |                     | B-408              | THT-20-408-1      | 102  |
| 76.20            | 127.00            |                   |                     | B-424              | THT-20-424-1      | 104  |
| 76.20            | 127.00            |                   |                     | B-425              | THT-20-425-1      | 104  |
| 76.20            | 152.40            |                   |                     | B-411              | THT-33-411-1      | 134  |
| 76.20            | 152.40            |                   |                     | B-412              | THT-33-412-1      | 134  |
| 76.20            | 152.40            |                   |                     | B-109              | THT-33-109-0.5    | 134  |
| 76.20            |                   | 91.44             |                     | B-413              | THT-21-413        | 102  |
| 76.20            |                   | 91.44             |                     | B-424              | THT-21-424        | 104  |
| 76.20            |                   | 91.44             |                     | B-423              | THT-21-423        | 104  |
| 76.20            |                   | 91.44             |                     | B-428              | THT-21-428        | 105  |
| 76.20            |                   | 91.44             |                     | B-430              | THT-21-430        | 105  |
| 76.20            |                   | 91.44             |                     | B-434              | THT-21-434        | 106  |
| 76.20            |                   | 91.44             |                     | B-483              | THT-21-483        | 108  |
| 76.20            |                   | 91.44             |                     | B-480              | THT-21-480        | 108  |
| 76.20            |                   | 91.44             |                     | B-486              | THT-21-486        | 109  |
| 76.20            |                   | 91.44             |                     | B-489              | THT-21-489        | 110  |
| 76.20            |                   | 91.44             |                     | B-438              | THT-21-438        | 126  |
| 76.20            |                   | 91.44             |                     | B-437              | THT-21-437        | 131  |
| 76.20            |                   | 91.44             |                     | B-437              | THT-21-437-YL     | 131  |
| 83.00            | 15.24             |                   |                     | B-551              | B30C-3250-551-WT  | 78   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-OR    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-GR    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-YL    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-RD    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-BK    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-WT    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-BL    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-PL    | 70   |
| 83.00            | 40.00             |                   |                     | B-439              | BPTC-83-439-SL    | 107  |
| 90.00            | 45.00             |                   |                     | B-7593             | THTEP-16-7593-WT  | 117  |
| 90.00            | 45.00             |                   |                     | B-7593             | THTEP-16-7593-SV  | 117  |
| 90.00            | 45.00             |                   |                     | B-7593             | THTEP-16-7593-BK  | 117  |
| 90.00            | 45.00             |                   |                     | B-7593             | THTEP-16-7593-YL  | 117  |
| 100.00           | 30.00             |                   |                     | B-7593             | THTEP-11-7593-WT  | 117  |
| 100.00           | 30.00             |                   |                     | B-7593             | THTEP-11-7593-SV  | 117  |
| 100.00           | 30.00             |                   |                     | B-7593             | THTEP-11-7593-BK  | 117  |
| 100.00           | 30.00             |                   |                     | B-7593             | THTEP-11-7593-YL  | 117  |
| 100.00           | 50.00             |                   |                     | B-7593             | THTEP-12-7593-WT  | 117  |
| 100.00           | 50.00             |                   |                     | B-7593             | THTEP-12-7593-SV  | 117  |
| 100.00           | 50.00             |                   |                     | B-7593             | THTEP-12-7593-BK  | 117  |
| 100.00           | 50.00             |                   |                     | B-7593             | THTEP-12-7593-YL  | 117  |
| 101.00           | 152.00            |                   |                     | B-595              | B30-25-595-BLNKWT | 77   |
| 101.00           | 152.00            |                   |                     | B-595              | B30-25-595-BLNKYL | 77   |
| 101.00           | 152.00            |                   |                     | B-7569             | B30-25-7569-WT    | 77   |
| 101.00           | 152.00            |                   |                     | B-7569             | B30-25-7569-YL    | 77   |
| 101.00           | 159.00            |                   |                     | B-595              | B30-243-595-NFPA  | 89   |
| 101.00           |                   | 15.20             |                     | B-526              | B30C-4000-526     | 89   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-BK | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-BL | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-GN | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-OR | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-RD | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-WT | 77   |
| 101.00           |                   | 30.00             |                     | B-7569             | B30C-4000-7569-YL | 77   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-BK  | 76   |

# Label Index by Size

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference          | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------------|------|
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-BL         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-BR         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-CL         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-GD         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-GN         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-GY         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-OR         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-PL         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-RD         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-WT         | 76   |
| 101.00           |                   | 30.40             |                     | B-595              | B30C-4000-595-YL         | 76   |
| 101.00           |                   | 30.40             |                     | B-565              | B30C-4000-565-SL         | 79   |
| 101.00           |                   | 30.40             |                     | B-569              | B30C-4000-569-BK         | 89   |
| 101.00           |                   | 30.40             |                     | B-581              | B30C-4000-581-WT         | 89   |
| 101.60           | 25.40             |                   |                     | B-7604             | BPT-540-105              | 71   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-BK         | 83   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-GN         | 83   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-RD         | 83   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-SL         | 83   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-WT         | 83   |
| 101.60           | 25.40             |                   |                     | B-593              | B30EP-174-593-YL         | 83   |
| 101.60           | 38.10             |                   |                     | B-7608             | BPT-740-155              | 71   |
| 101.60           | 38.10             |                   |                     | B-7604             | BPT-540-155              | 71   |
| 101.60           | 50.80             |                   |                     | B-408              | THT-55-408-1             | 102  |
| 101.60           | 50.80             |                   |                     | B-413              | THT-55-413-1             | 102  |
| 101.60           | 50.80             |                   |                     | B-423              | THT-55-423-1             | 104  |
| 101.60           | 50.80             |                   |                     | B-424              | THT-55-424-1             | 104  |
| 101.60           | 50.80             |                   |                     | B-425              | THT-55-425-1             | 104  |
| 101.60           | 50.80             |                   |                     | B-428              | THT-55-428-1             | 105  |
| 101.60           | 50.80             |                   |                     | B-435              | THT-55-435-1             | 106  |
| 101.60           | 50.80             |                   |                     | B-434              | THT-55-434-1             | 106  |
| 101.60           | 50.80             |                   |                     | B-449              | THT-55-449-1             | 107  |
| 101.60           | 50.80             |                   |                     | B-483              | THT-55-483-1             | 108  |
| 101.60           | 50.80             |                   |                     | B-480              | THT-55-480-1             | 108  |
| 101.60           | 50.80             |                   |                     | B-484              | THT-55-484-1             | 109  |
| 101.60           | 50.80             |                   |                     | B-489              | THT-55-489-1             | 110  |
| 101.60           | 50.80             |                   |                     | B-8423             | XTHT-55-8423-3           | 113  |
| 101.60           | 63.50             |                   |                     | B-7604             | BPT-540-250              | 71   |
| 101.60           | 76.20             |                   |                     | B-7604             | BPT-540-305              | 71   |
| 101.60           | 76.20             |                   |                     | B-7608             | BPT-240-305              | 71   |
| 101.60           | 76.20             |                   |                     | B-422              | THT-76-422-1             | 103  |
| 101.60           | 76.20             |                   |                     | B-425              | THT-76-425-1             | 104  |
| 101.60           | 76.20             |                   |                     | B-449              | THT-76-449-1             | 107  |
| 101.60           | 76.20             |                   |                     | B-483              | THT-76-483-1             | 108  |
| 101.60           | 76.20             |                   |                     | B-489              | THT-76-489-1             | 110  |
| 101.60           | 101.60            |                   |                     | B-7608             | BPT-240-405              | 71   |
| 101.60           | 101.60            |                   |                     | B-7604             | BPT-540-405              | 71   |
| 101.60           | 127.00            |                   |                     | B-7604             | BPT-540-500              | 71   |
| 101.60           | 127.00            |                   |                     | B-7608             | BPT-740-505              | 71   |
| 101.60           | 152.40            |                   |                     | B-7608             | BPT-240-605              | 71   |
| 101.60           | 152.40            |                   |                     | B-7604             | BPT-540-600              | 71   |
| 101.60           | 152.40            |                   |                     | B-408              | THT-25-408-1             | 102  |
| 101.60           | 152.40            |                   |                     | B-424              | THT-25-424-1             | 104  |
| 101.60           | 165.10            |                   |                     | B-408              | THT-78-408-1             | 102  |
| 101.60           | 15.20             |                   |                     | B-584              | B30C-4000-584-OR         | 89   |
| 101.60           | 91.44             |                   |                     | B-413              | THT-107-413              | 102  |
| 101.60           | 91.44             |                   |                     | B-480              | THT-107-480              | 108  |
| 103.00           | 15.00             |                   |                     | B-7644             | LC-103x15-B7644          | 136  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L1-7610-0.2-SC  | 70   |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L2-7610-0.2-SC  | 70   |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L3A-7610-0.2-SC | 70   |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L3B-7610-0.2-SC | 70   |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L4A-7610-0.2-SC | 70   |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L4B-7610-0.2-SC | 70   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L1-7594-0.2-SC  | 71   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L2-7594-0.2-SC  | 71   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L3A-7594-0.2-SC | 71   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L3B-7594-0.2-SC | 71   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L4A-7594-0.2-SC | 71   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L4B-7594-0.2-SC | 71   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP1        | 78   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP2        | 78   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP3A       | 78   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP3B       | 78   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP4A       | 78   |
| 105.00           | 155.00            |                   |                     | B-7569             | B30-262-7569-CLP4B       | 78   |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L1-7594-0.5     | 111  |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L2-7594-0.5     | 111  |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L3A-7594-0.5    | 111  |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L3B-7594-0.5    | 111  |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L4A-7594-0.5    | 111  |
| 105.00           | 155.00            |                   |                     | B-7594             | THTCLP-L-L4B-7594-0.5    | 111  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L1-7610-0.5     | 113  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L2-7610-0.5     | 113  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L3A-7610-0.5    | 113  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L3B-7610-0.5    | 113  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L4A-7610-0.5    | 113  |
| 105.00           | 155.00            |                   |                     | B-7610             | THTCLP-L-L4B-7610-0.5    | 113  |

| Label Width (mm) | Label Height (mm) | Label Length (mm) | Label Diameter (mm) | Brady Material No. | Order Reference    | Page |
|------------------|-------------------|-------------------|---------------------|--------------------|--------------------|------|
| 108.00           |                   | 7.60              |                     | B-509              | B30C-4250-509-WT   | 89   |
| 108.00           |                   | 15.24             |                     | B-551              | B30C-4250-551-WT   | 78   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-OR    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-GR    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-PL    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-BL    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-YL    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-RD    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-BK    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-WT    | 70   |
| 110.00           |                   | 40.00             |                     | B-439              | BPTC-110-439-SL    | 107  |
| 116.00           | 60.00             |                   |                     | B-7645             | LT-100x60-B7645-WR | 136  |
| 128.00           | 15.00             |                   |                     | B-7644             | LC-128x15-B7644    | 136  |
| 150.00           | 25.00             |                   |                     | B-7645             | LT-150x25-B7645    | 136  |
| 150.00           | 25.00             |                   |                     | B-7645             | LT-150x25-B7645-WR | 136  |
| 152.40           | 101.60            |                   |                     | B-424              | B33-25-424         | 80   |
| 178.00           | 15.00             |                   |                     | B-7644             | LC-178x15-B7644    | 136  |
|                  | 6.00              | 2.13              |                     | B-342              | MC-125-342         | 30   |
|                  | 6.00              | 2.13              |                     | B-342              | MC-125-342-YL      | 30   |
|                  | 8.50              | 2.13              |                     | B-342              | MC-187-342         | 30   |
|                  | 8.50              | 2.13              |                     | B-342              | MC-187-342-YL      | 30   |
|                  | 11.15             | 2.13              |                     | B-342              | MC-250-342         | 30   |
|                  | 11.15             | 2.13              |                     | B-342              | MC-250-342-YL      | 30   |
|                  | 16.40             | 2.13              |                     | B-342              | MC1-375-342        | 30   |

## A

|                                                     |            |
|-----------------------------------------------------|------------|
| Application Kits . . . . .                          | 22, 26, 34 |
| Asset Tracking . . . . .                            | 70, 102    |
| Automation & Electrical Component Markers . . . . . | 31, 39     |

## B

|                                               |                         |
|-----------------------------------------------|-------------------------|
| Barcode Readers . . . . .                     | 17                      |
| BBP11 Label Materials . . . . .               | 70                      |
| BBP™11 Label Printer . . . . .                | 68                      |
| BBP33 Label Materials . . . . .               | 76                      |
| BBP™33 Label Printer . . . . .                | 74                      |
| BBP33 Ribbons . . . . .                       | 89                      |
| BBP™72 Double-sided Printer . . . . .         | 94                      |
| BBP72 Label Materials . . . . .               | 152, 154, 157, 161, 163 |
| Benchtop Printer Comparison Guide . . . . .   | 66                      |
| Benchtop Printers . . . . .                   | 65                      |
| Benchtop Thermal Transfer Materials . . . . . | 101                     |
| BMP21-PLUS Cartridges . . . . .               | 24                      |
| BMP™21-PLUS Label Printer . . . . .           | 22                      |
| BMP41 Cartridges . . . . .                    | 28                      |
| BMP™41 Label Printer . . . . .                | 26                      |
| BMP™51 & BMP™53 Label Makers . . . . .        | 34                      |
| BMP51 and BMP53 Cartridges . . . . .          | 36                      |
| BMP71 Cartridges . . . . .                    | 46                      |
| BMP™71 Label Printer . . . . .                | 44                      |
| BMP71 Ribbons . . . . .                       | 64                      |
| Brady IP™ Series Printer . . . . .            | 90                      |
| Brady Mobile Software . . . . .               | 35                      |
| BradyPrinter™ PR Plus Printer . . . . .       | 92                      |

## C

|                                  |                        |
|----------------------------------|------------------------|
| Cable Flags . . . . .            | 29, 36, 59             |
| Cable marker cards . . . . .     | 143                    |
| Cable ties . . . . .             | 137                    |
| Checkerboard footprint . . . . . | 126                    |
| Circuit Board ID . . . . .       | 62, 72, 81, 118        |
| CleanLift™ Series . . . . .      | 6                      |
| ClipSleeve™ . . . . .            | 146                    |
| CLP/GHS . . . . .                | 70, 71, 78             |
| CodeReader™ 1400 . . . . .       | 17                     |
| CodeReader™ 2600 . . . . .       | 18                     |
| CodeReader™ 3600 . . . . .       | 18                     |
| CodeSoft™ . . . . .              | 16                     |
| Component Marking . . . . .      | 25, 28, 29, 39, 62, 83 |
| Control Panel Labels . . . . .   | 31, 41, 82, 116        |

## D

|                                        |                         |
|----------------------------------------|-------------------------|
| Data Centre Equipment labels . . . . . | 37                      |
| Defender™ Series . . . . .             | 6                       |
| Double-sided Printer . . . . .         | 94                      |
| Double-sided sleeves . . . . .         | 152, 154, 157, 161, 163 |
| Durasleeve™ . . . . .                  | 55, 73, 139             |

## E

|                                                  |             |
|--------------------------------------------------|-------------|
| Electrical Component Marking . . . . .           | 57          |
| Electrical ID . . . . .                          | 30, 39      |
| Electrical Kit . . . . .                         | 26, 34      |
| Electrical Panel Labels . . . . .                | 31, 41      |
| Electrostatic Dissipative (ESD) Labels . . . . . | 120         |
| Engraved Plate Replacement Labels . . . . .      | 57, 82, 116 |
| EPREP Labels . . . . .                           | 57, 82, 116 |
| Equipment Labels . . . . .                       | 28, 29      |
| ESD Labels . . . . .                             | 120         |

## F

|                                    |                |
|------------------------------------|----------------|
| Face Plate Labels . . . . .        | 28, 38         |
| Fibre Optic Labels/Flags . . . . . | 29, 36, 59, 84 |

## G

|                                  |                             |
|----------------------------------|-----------------------------|
| General Datacom ID . . . . .     | 37, 61                      |
| General Identification . . . . . | 25, 33, 43, 46, 70, 76, 102 |
| GHS/CLP . . . . .                | 70, 71, 78                  |

## H

|                                               |        |
|-----------------------------------------------|--------|
| Hazardous substances identification . . . . . | 70, 71 |
| Heatex™ . . . . .                             | 56     |

## I

|                                          |                |
|------------------------------------------|----------------|
| Indoor/Outdoor Vinyl . . . . .           | 25, 33, 43, 76 |
| Inside Panel Components Labels . . . . . | 83             |
| IP Series Label Materials . . . . .      | 101            |
| IP Series Printer . . . . .              | 90             |

## L

|                                     |    |
|-------------------------------------|----|
| LabelMark™ . . . . .                | 14 |
| Low Surface Energy Labels . . . . . | 42 |

## M

|                                       |        |
|---------------------------------------|--------|
| MarkWare™ . . . . .                   | 15, 78 |
| Materials Brands . . . . .            | 6      |
| MetaLabel™ Series . . . . .           | 6      |
| Micro Wire Marker Cards . . . . .     | 144    |
| Miniature Wire Marker Cards . . . . . | 144    |
| Mobile Software . . . . .             | 35     |

## N

|                                                     |        |
|-----------------------------------------------------|--------|
| Nameplate Labels . . . . .                          | 48, 49 |
| NEMA Colours . . . . .                              | 142    |
| Non-adhesive Continuous Tag Stock (BBP33) . . . . . | 78     |

>>

## O

|                          |     |
|--------------------------|-----|
| Outlet Labels            | 38  |
| Overlaminating Materials | 114 |

## P

|                                     |                    |
|-------------------------------------|--------------------|
| Packaging Labels                    | 71                 |
| Patch Panel Labels                  | 28, 60             |
| Performance Attributes              | 7                  |
| PermaSleeve - Benchtop Printers     | 87, 147            |
| PermaSleeve - Portable Printers     | 24, 30, 40, 53, 54 |
| Photoluminescent Polyester Tapes    | 50                 |
| Pre-printed Labels                  | 48                 |
| Pre-printed Wire Markers            | 140                |
| Printer Application Kits            | 22, 26, 34         |
| Printer Comparison Guides           | 20, 66             |
| Portable Printers                   | 19                 |
| Porta Pack                          | 145                |
| Power and Ground Cable Tags         | 59                 |
| Powder Coated Surface Labels        | 42                 |
| Pre-Cut Blank Label (BBP33)         | 77                 |
| Pre-printed GHS/CLP Chemical Labels | 78                 |
| Product ID                          | 42, 46, 70, 76     |
| PR Plus Label Materials             | 101                |
| PR Plus Printer                     | 92                 |
| Punch Block Labels                  | 28, 38             |

## R

|                      |                    |
|----------------------|--------------------|
| Raised Panel Labels  | 82, 116            |
| Rapido™              | 56, 135            |
| Rating Plate Labels  | 28, 29, 42, 48, 49 |
| Reflective Labels    | 33, 43, 50         |
| Repositionable Vinyl | 49, 85, 132        |
| Rough Surface Labels | 42                 |

## S

|                                              |                |
|----------------------------------------------|----------------|
| Scanners                                     | 17             |
| Self-Laminating Labels - BBP11               | 73             |
| Self-Laminating Labels - BBP33               | 84             |
| Self-Laminating Labels - Benchtop Printers   | 130            |
| Self-Laminating Labels - BMP21               | 24             |
| Self-Laminating Labels - BMP41               | 29, 32         |
| Self-Laminating Labels - BMP51/53            | 36, 37, 39, 40 |
| Self-Laminating Labels - BMP71               | 52, 58         |
| Self-Laminating Labels - Wraptor             | 97             |
| Sentinel                                     | 16             |
| Shrink Sleeves - Benchtop Printers           | 87, 147        |
| Shrink Sleeves - Portable Printers           | 30, 40, 53, 54 |
| Software Solutions                           | 14             |
| Stainless Steel Wire and Cable Ties and Tags | 138            |

## T

|                               |                         |
|-------------------------------|-------------------------|
| Tags                          | 36, 56, 59, 78, 85, 134 |
| Tear Resistant Cable Markers  | 56, 85                  |
| Technical services            | 100                     |
| Temperature Indicating Labels | 128                     |
| Terminal Block Marking        | 24, 30, 41, 57, 86      |
| Tamper-evidence Labels        | 125                     |
| Tamper-resistant Labels       | 42, 64                  |
| ToughBond™ Series             | 6                       |
| ToughStripe™                  | 50                      |

## U

|                   |   |
|-------------------|---|
| UltraTemp™ Series | 7 |
|-------------------|---|

## V

|                     |            |
|---------------------|------------|
| VisAlert™ Series    | 7          |
| Voice & Datacom ID  | 28, 36, 58 |
| Voice & Datacom Kit | 26, 34     |
| VOID footprint      | 126        |

## W

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Water Indicating labels                         | 128                    |
| Wire & Cable Marking - BBP11                    | 73                     |
| Wire & Cable Marking - BBP33                    | 84                     |
| Wire & Cable Marking - Benchtop Printers        | 129                    |
| Wire & Cable Marking - BMP21                    | 24                     |
| Wire & Cable Marking - BMP41                    | 29, 32                 |
| Wire & Cable Marking - BMP51/53                 | 36, 39                 |
| Wire & Cable Marking - BMP71                    | 51, 58                 |
| Wire marker cards                               | 140                    |
| WorkHorse™ Series                               | 7                      |
| Workstation Labels                              | 60                     |
| Wrap Around Labels                              | 24, 30, 40, 41, 51, 85 |
| Wraptor                                         | 96                     |
| Write-on Self-laminating Wire and Cable Markers | 145                    |

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EUR-0-501-EN 18-07-2014



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