



BRADY 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 labeling 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 labeling in data/comm, electrical, electronics and industrial workplaces.

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Look for a side by side comparison of all portable printers on page 8.

BMP®21 Label Printer

www.BradyID.com/bmp21

Portable Label Printers



Online Video!

Visit www.BradyID.com/bmp21 or scan this code for more information or to view an online printer demo video.



Your Complete Printing Solution:

BMP21 cartridges with material and print ribbon.....Page 19

BMP®21 Label Printer & Accessories

Part Number	Description
BMP21	BMP21 Label Printer*
BMP21-HC	BMP21 Hard Case
BMP21-MAGNET	Magnet Only Accessory
BMP21-TOOL	Multi-functional Tool Accessory**
BMP21-AC	BMP21 AC Adapter

* Printer includes M21-750-499 Label Cartridge, and Quick Start Guide and 1 year Limited Warranty.

**Tool Accessory includes magnet, flashlight, polestrap, stand and beltloop.

US Patent No: 8,322,936

BMP®21 LABEL PRINTER

MEET THE NEWEST MEMBER OF YOUR CREW

Add the BMP®21 portable label printer to your team and you'll never look back. This thermal transfer printer creates clear, legible labels with industrial-strength staying power to withstand even the harshest environments.

Simple to operate and quick to print, it's the must-have labeling tool for voice and data comm, electrical and general industrial crews. Create your labels just once, knowing they'll stay stuck and stay legible for years ahead.

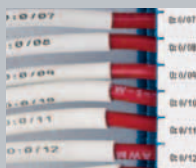
- Feature Include:
- Intuitive operation, large display and backlight
- Prints on PermaSleeve® heat shrink sleeves, continuous self-laminating material and more
- Advanced serialization, barcoding, symbols and terminal block and patch panel options
- Label cutter with label retention holds printed labels until you need them
- Rugged construction withstands a 5 ft. drop



BMP®21 Label Printer Specifications

Max Labels Per Day	75 labels/day
Print Resolution	203 dpi
Print Technology	Thermal Transfer
Print Speed	10 mm/sec (0.4 in/sec)
Tape Widths (inches)	0.25", 0.375", 0.5", 0.75"
Tape Widths (mm)	6.4, 9.5, 12.7, 19.1 mm
Max Label Width	0.75" (19.1mm)
Max Print Width	N/A
Memory	12 labels
Materials Supported	Continuous, 43 Stock Parts
Continuous vs Die Cut Labels	Continuous labels only
PC Connectivity	No
Software Compatibility	No
File Transfer from PC to printer	No
Wireless Connectivity	No
Stand Alone Printing	Yes
Connectivity Options	None
Color Capability	Single Color Printing
Keyboard	ABC
Backlit Screen	Yes
Text Sizes	6 (6 to 40 point)
Multi-Line Print	Yes
Print Rotation	No
Serialization	Yes
Barcode	39 and 128
Symbols	78
Portability	Yes
Label Types or Application Functions	Wire, Banner Portrait, Banner Landscape, Terminal Block, Patch Panel, Fixed Length
Applications	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking
Power Supply	6 AA's, AC Power (optional)
Weight	1.66 lbs (0.75kg)
Warranty	12 months - See Terms and Conditions

An affordable label and wire marker printer designed for the tool box



Electrical Labeling



Voice & Data Communications



General ID



PermaSleeve® Wire Marking Sleeves



Self-Laminating Labels



Safety Labels ...and many more!

BMP®21 General Identification Material:

B-595 Indoor/Outdoor Vinyl Material

Super-tough and perfect for voice, data, audio, video, HVAC control, bins, safety and electrical applications.

Color	0.375" x 21' (9.530 mm x 6.400 m)	0.500" x 21' (12.700 mm x 6.400 m)	0.750" x 21' (19.050 mm x 6.400 m)
Black on White	M21-375-595-WT	M21-500-595-WT	M21-750-595-WT
Black on Yellow	M21-375-595-YL	M21-500-595-YL	M21-750-595-YL
White on Red	M21-375-595-RD	M21-500-595-RD	M21-750-595-RD
White on Blue	M21-375-595-BL	M21-500-595-BL	M21-750-595-BL
White on Green	M21-375-595-GN	M21-500-595-GN	M21-750-595-GN
Black on Orange	M21-375-595-OR	M21-500-595-OR	M21-750-595-OR



BMP®21 Wire & Cable Material:

B-427 Self-Laminating Vinyl Material

Excellent water, oil and abrasion resistance. Material has clear 'tail' to laminate and protect the printed label.

Part Number	Material	Color	Label Width
M21-750-427	B-427*	Black on White	0.75" x 14' (19.05 mm x 4.27 m)
M21-1000-427	B-427*	Black on White	1.00" x 14' (25.40 mm x 4.27 m)
M21-1250-427	B-427*	Black on White	1.25" x 14' (31.75 mm x 4.27 m)
M21-1500-427	B-427*	Black on White	1.50" x 14' (38.10 mm x 4.27 m)

*not compatible in the ID PAL™ Printer.



BMP®21 Wire & Cable Material:

B-499 Nylon Cloth Material

Permanent adhesive for wire, cable, patch panels, faceplates and terminal blocks.

Part Number	Material	Color	Description
For wire, cable, patch panels and faceplates.			
M21-375-499	B-499	Black on White	0.375" x 16' (9.530 mm x 4.88 m)
M21-500-499	B-499	Black on White	0.500" x 16' (12.70 mm x 4.88 m)
M21-750-499	B-499	Black on White	0.750" x 16' (19.05 mm x 4.88 m)
For terminal blocks			
M21-375-499-TB	B-499	Black on White	0.375" x 16' (9.530 mm x 4.88 m)
M21-500-499-TB	B-499	Black on White	0.500" x 16' (12.70 mm x 4.88 m)

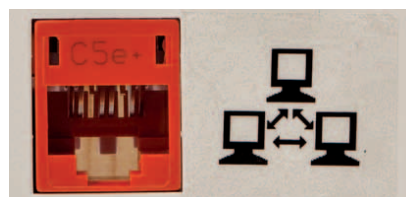
BMP®21 Wire & Cable Material:

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

Continuous Cut-to-Length Heat Shrinkable Sleeves.

Part Number	Material	Color	Size
M21-125-C-342	B-342*	Black on White	0.235" x 7' (5.970 mm x 2.13 m)
M21-187-C-342	B-342	Black on White	0.335" x 7' (8.510 mm x 2.13 m)
M21-250-C-342	B-342	Black on White	0.439" x 7' (11.150 mm x 2.13 m)
M21-375-C-342	B-342	Black on White	0.645" x 7' (16.380 mm x 2.13 m)

*not compatible in the ID PAL™ Printer.



BMP®21 General Identification Material:

B-423 and B-430 Polyester Material

Excellent resistance to solvents. For instruments, racks and bins or general identification applications

Part Number	Material	Color	Description
M21-375-423	B-423	Black on White	0.375" x 21' (9.530 mm x 6.400 m)
M21-500-423	B-423	Black on White	0.500" x 21' (12.700 mm x 6.400 m)
M21-750-423	B-423	Black on White	0.750" x 21' (19.050 mm x 6.400 m)
M21-375-430	B-430	Black on Clear	0.375" x 21' (9.530 mm x 6.400 m)
M21-500-430	B-430	Black on Clear	0.500" x 21' (12.700 mm x 6.400 m)
M21-750-430	B-430	Black on Clear	0.750" x 21' (19.050 mm x 6.400 m)



BMP®21 Label Printer - Did You Know?

1. The necessary print ribbons for the BMP®21 Label Printer are self-contained within the material cartridge. There's no need to order or load separate print ribbons!
2. BMP®21 consumables are also compatible with the ID Pal™ Label Printer unless otherwise noted.



IDXPERT™ Handheld Labeler

www.BradyID.com/idxpert

Portable Label Printers



View Online!

Visit www.BradyID.com/idxpert or scan this code for more information or to view a demo video of the IDXPERT Labeler.



Your Complete Printing Solution:

IDXPERT cartridges with material and print ribbonPage 22

Brady's IDXPERT™ Handheld Labeler is the ideal tool for affordable, on-the-spot labeling in datacomm, electrical, and industrial workplaces. This 300 dpi thermal transfer label printing creates die-cut labels, self-laminating labels, sleeves and continuous tape labels.

Three Versions Available:

1. "Qwerty" keyboard layout style for fast typing
2. "ABC" handheld style for maximum portability
3. "Continuous Only" version only prints on continuous lengths of material

Catalog #	Description
XPERT-ABC	Printer* - ABC Layout
XPERT-KEY	Printer* - KEYBOARD Layout
XPERT-CONT	Printer* - Continuous Printing Only
XPERT-HC-ABC	Hard Case for ABC Layout
XPERT-HC-KEY	Hard Case for KEYBOARD Layout
XPERT-AC	AC Adapter
LABXPRT-SER-USB	Serial-to-USB adapter for PC cable
PCCABLE-1	Spare PC Cable for Upgrades Only
PCK-5	Cleaning Kit
LM5STDE	LabelMark™5 Software (single user)
XPRT-ABC-KIT-LM	Printer* ABC Layout, AC Power Supply and LabelMark™5 Standard Software
XPRT-KEY-KIT-LM	Printer* Keyboard Layout, AC Power Supply and LabelMark™5 Standard Software

**Printer purchase included Hard Case, 1.5" Continuous Sample Roll Tape, PC cable, Product CD and 1 year Limited Warranty.*



More Types of Labels

- Colored continuous tapes for lean, equipment and safety identification
- PermaSleeve® wire marker sleeves
- Self-laminating wire & cable markers
- Terminal block, patch panel, faceplate & outlet markers
- General-purpose industrial die-cut labels

More Sizes

- Prints from .06" up to 1.25" characters on label stock up to 1.5" wide

More Symbols

- Code 39 and 128 barcodes
- 82 symbols including electrical, voice/data, safety & protection, warning, and machine & operational

More Brains

- Drop Lock & Go™ Smart Cartridges™ are fast to install and remove
- Electronically pre-calibrated to orient the label the way you need it with no special keys to press
- Print stand-alone or from a PC (with optional Brady LabelMark™ software)
- Memory to store frequently used set-ups

Prints Clean & Fast

- Fast print speed, plus non-smearing thermal transfer print quality.
- Flexible text editing capabilities

Less Waste

- Edge-to-edge printing on continuous tapes so you don't pay for unused label material
- Die-cut labels are pre-cut to the size you need

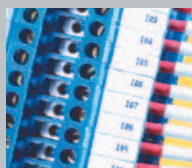
Let the IDXPERT portable printer work for you.



Voice & Data Communications



PermaSleeve® Wire Marking Sleeves



Terminal Blocks



Self-Laminating Labels



Patch Panel & Faceplates



General ID ...and many more!

IDXPERT™ Continuous Only Printer

www.BradyID.com/idxpert



Continuous Only

Only printing on continuous label tapes?

Try this economical version of Brady's popular handheld printer.

The IDXPERT™ Continuous Only Portable Label Printer is an economical version of the IDXPERT Portable Label Printer that prints on continuous labeling tape only. Ideal for datacomm, wire labeling, material handling, electrical construction and other general identification needs where the full die-cut functionality of the standard version is not needed.



Upgrade Your IDXPERT

If you own an IDXPERT™ Continuous Only Portable Label Printer but would like to upgrade to the full die-cut and continuous printing functionality of the standard IDXPERT Portable Label Printer, a downloadable upgrade is available for purchase. Simply call Brady Technical Support at 800-643-8766 and ask for the IDXPERT™ Continuous Only Portable Label Printer Upgrade.

Printer Specifications	IDXPERT™ Continuous Only Labeler	IDXPERT™ Handheld Labeler
Max Labels Per Day	250 labels/day	250 labels/day
Print Resolution	300 dpi	300 dpi
Print Technology	Thermal Transfer	Thermal Transfer
Print Speed	10 mm/sec (0.4 in/sec)	10 mm/sec (0.4 in/sec)
Tape Widths (inches)	0.25", 0.318", 0.375", 0.475", 0.50", 0.625", 0.75", 1.00", 1.50"	0.25", 0.318", 0.375", 0.475", 0.50", 0.625", 0.75", 1.00", 1.50"
Tape Widths (mm)	6.4, 8.0, 9.5, 12.1, 12.7, 15.9, 19.1, 25.4, 38.1 mm	6.4, 8.0, 9.5, 12.1, 12.7, 15.9, 19.1, 25.4, 38.1 mm
Max Label Width	1.50" (38.1mm)	1.50" (38.1mm)
Max Print Width	1.250" (31.75mm)	1.250" (31.75mm)
Memory	10 labels	10 labels
Materials Supported	Continuous, 50+ Stock Parts	Continuous, Die Cut, 140+ Stock Parts
Continuous vs Die Cut Labels	Continuous labels only	Continuous and die cut labels
PC Connectivity	Yes	Yes
Software Compatibility	LabelMark™ Software	LabelMark™ Software
File Transfer from PC to printer	No	No
Wireless Connectivity	No	No
Stand Alone Printing	Yes	Yes
Connectivity Options	USB	USB
Color Capability	Single Color Printing	Single Color Printing
Keyboard	ABC	ABC and QWERTY
Backlit Screen	No	No
Text Sizes	11 (7 to 128 point)	11 (7 to 128 point)
Multi-Line Print	Yes	Yes
Print Rotation	Yes	Yes
Serialization	Yes	Yes
Barcode	39 and 128	39 and 128
Symbols	82	82
Portability	Yes	Yes
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length
Applications	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking
Power Supply	6 AA's, AC Power (optional)	6 AA's, AC Power (optional)
Weight	2.4 lbs (1.09kg)	2.4 lbs (1.09kg)
Warranty	12 months - See Terms and Conditions	12 months - See Terms and Conditions

Windows® is a registered trademark of Microsoft Corporation.

BMP®21 General Identification Material:

Indoor/Outdoor Material for General, Lean, Facility & Safety ID

- **B-422 Polyester Material** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.
- **B-428 Polyester Material** - Permanent adhesive, silver finish. Temp. Range: -40°F to 176°F (-40°C to 80°C). UL recognized.
- **B-483 Polyester Material** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.
- **B-499 Nylon Cloth Material** - Permanent adhesive. Pliable for rough or smooth surfaces. Temp. Range: -94°F to 194°F (-70°C to 90°C). UL recognized.
- **B-595 Indoor/Outdoor Vinyl Material** - Permanent adhesive, very pliable, good for rough surfaces and outdoor use, wide range of colors. Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.

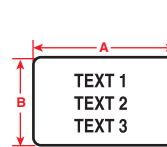


Figure 29



Figure 33

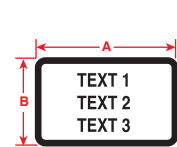


Figure 46
(Includes black border)

Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-422 Polyester Material							
Fig. 29	X-7-422	B-422	Polyester	BK on WT	0.500 (12.7)	0.500 (12.7)	350
Fig. 29	X-19-422	B-422	Polyester	BK on WT	1.000 (25.4)	1.000 (25.4)	250
Fig. 29	X-132-422	B-422	Polyester	BK on WT	1.500 (38.1)	1.250 (31.8)	250
Fig. 29	X-30-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.750 (19.1)	250
B-428 Polyester Material							
Fig. 29	X-17-428-SV-BK	B-428	Polyester	BK on SV	1.000 (25.4)	0.500 (12.7)	500
Fig. 46	X-24-428-SVBB-BK	B-428	Polyester	BK on SV	1.130 (28.7)	0.500 (12.7)	500
Fig. 29	X-29-428-SV-BK	B-428	Polyester	BK on SV	1.500 (38.1)	0.500 (12.7)	500
Fig. 29	X-30-428-SV-BK	B-428	Polyester	BK on SV	1.500 (38.1)	0.750 (19.1)	325
Fig. 29	X-20-428-SV-BK	B-428	Polyester	BK on SV	2.000 (50.8)	1.000 (25.4)	100
B-483 Polyester Material							
Fig. 29	X-17-483	B-483	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-20-483	B-483	Polyester	BK on WT	2.000 (50.8)	1.000 (25.4)	100
Fig. 29	X-61-483	B-483	Polyester	BK on WT	2.000 (50.8)	0.500 (12.7)	100
B-499 Nylon Cloth Labels Material							
Fig. 33	XC-375-499	B-499	Nylon Cloth	BK on WT	0.375 (9.5)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 33	XC-500-499	B-499	Nylon Cloth	BK on WT	0.500 (12.7)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-11-499	B-499	Nylon Cloth	BK on WT	0.750 (19.1)	0.500 (12.7)	275
Fig. 33	XC-750-499	B-499	Nylon Cloth	BK on WT	0.750 (19.1)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-84-499	B-499	Nylon Cloth	BK on WT	0.900 (22.9)	0.500 (12.7)	250
Fig. 33	XC-1000-499	B-499	Nylon Cloth	BK on WT	1.000 (25.4)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-130-499	B-499	Nylon Cloth	BK on WT	1.500 (38.1)	0.750 (19.1)	300
Fig. 29	X-162-499	B-499	Nylon Cloth	BK on WT	1.500 (38.1)	0.500 (12.7)	165
B-595 Indoor/Outdoor Vinyl Material							
Fig. 33	XC-500-595-CL-BK	B-595	Vinyl	BK on CL	0.500 (12.7)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-750-595-CL-BK	B-595	Vinyl	BK on CL	0.750 (19.1)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-1000-595-CL-BK	B-595	Vinyl	BK on CL	1.000 (25.4)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-1500-595-CL-BK	B-595	Vinyl	BK on CL	1.500 (38.1)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-500-595-OR-BK	B-595	Vinyl	BK on OR	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-OR-BK	B-595	Vinyl	BK on OR	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-OR-BK	B-595	Vinyl	BK on OR	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-OR-BK	B-595	Vinyl	BK on OR	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-WT-BK	B-595	Vinyl	BK on WT	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-WT-BK	B-595	Vinyl	BK on WT	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-WT-BK	B-595	Vinyl	BK on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-WT-BK	B-595	Vinyl	BK on WT	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-YL-BK	B-595	Vinyl	BK on YL	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-YL-BK	B-595	Vinyl	BK on YL	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-YL-BK	B-595	Vinyl	BK on YL	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-YL-BK	B-595	Vinyl	BK on YL	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-WT-RD	B-595	Vinyl	RD on WT	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-RD-WT	B-595	Vinyl	RD on WT	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-WT-RD	B-595	Vinyl	RD on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-WT-RD	B-595	Vinyl	RD on WT	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)

Indoor/Outdoor labels continued on next page.

Full Material Properties on page 187.

BMP®21 General Identification Material:

Indoor/Outdoor Material for General, Lean, Facility & Safety ID

Continued from previous page.

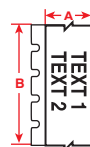


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 33	XC-500-595-BL-WT	B-595	Vinyl	WT on BL	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-BL-WT	B-595	Vinyl	WT on BL	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-BL-WT	B-595	Vinyl	WT on BL	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-BL-WT	B-595	Vinyl	WT on BL	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-GN-WT	B-595	Vinyl	WT on GN	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-GN-WT	B-595	Vinyl	WT on GN	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-GN-WT	B-595	Vinyl	WT on GN	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-GN-WT	B-595	Vinyl	WT on GN	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-RD-WT	B-595	Vinyl	WT on RD	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-WT-RD	B-595	Vinyl	WT on RD	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-RD-WT	B-595	Vinyl	WT on RD	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-RD-WT	B-595	Vinyl	WT on RD	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)

BMP®21 Wire & Cable Material:

B-498 Repositionable Vinyl Cloth Material

Printer automatically repeats your text to fill the label for maximum readability. Special adhesive stays put, but marker can be removed and reapplied if necessary. Temp Range -40°F to 175°F (-40°C to 70°C). UL Recognized.

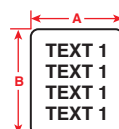


Figure 31



Diagram	Part Number	B#	Material	Color	Approx. Wire Gauge*	Max Wire Dia. Inch (mm)	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-498 Repositionable Vinyl Cloth Material									
Fig. 31	X-7-498	B-498	Vinyl Cloth	BK on WT	22-16	0.11 (2.8)	0.500 (12.7)	0.500 (12.7)	300
Fig. 31	X-11-498	B-498	Vinyl Cloth	BK on WT	16-10	0.16 (4.0)	0.500 (12.7)	0.750 (19.1)	275
Fig. 31	X-163-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	0.500 (12.7)	1.000 (25.4)	225
Fig. 31	X-18-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	0.750 (19.1)	1.000 (25.4)	225
Fig. 31	X-19-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	1.000 (25.4)	1.000 (25.4)	200
Fig. 31	X-103-498	B-498	Vinyl Cloth	BK on WT	10-4	0.27 (6.9)	1.000 (25.4)	1.250 (31.8)	200
Fig. 31	X-162-498	B-498	Vinyl Cloth	BK on WT	10-4	0.32 (6.9)	0.500 (12.7)	1.500 (38.1)	165
Fig. 31	X-31-498	B-498	Vinyl Cloth	BK on WT	10-4	0.32 (6.9)	1.000 (25.4)	1.500 (38.1)	165
Fig. 31	X-21-498	B-498	Vinyl Cloth	BK on WT	3 Gauge - 2/0	0.53 (13.5)	1.000 (25.4)	2.500 (63.5)	95
Fig. 31	X-23-498	B-498	Vinyl Cloth	BK on WT	3/0 - 400Kcmil	0.85 (21.6)	1.000 (25.4)	4.000 (101.6)	60

*Approx. wire gauge based on AWG for THHN wire.

BMP®21 Wire & Cable Material:

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5 (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized

Tested per: ASTM E162 and ASTM E662

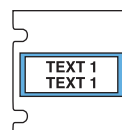


Figure 44

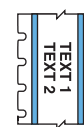


Figure 58



Diagram	Part Number	Material	Color	Approx. Wire Gauge*	Range of Wire Dia. Inch (mm)	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Sleeve Length Inch (mm)	Sleeves per Roll
B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves											
Fig. 58	XPS-125-CONT	B-342	BK on WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (5.9)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-125-CONT-YL-BK	B-342	BK on YL	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (5.9)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-187-CONT	B-342	BK on WT	22 to 16	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.0)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-187-CONT-YL-BK	B-342	BK on YL	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.0)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-250-CONT	B-342	BK on WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-250-CONT-YL-BK	B-342	BK on YL	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	8ft (2.5m)	1 roll (cont.)
Fig. 58	XPS-375-CONT	B-342	BK on WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.645 (16.4)	8ft (2.5m)	1 roll (cont.)
Fig. 44	XPS-125-1	B-342	BK on WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	-	100
Fig. 44	XPS-187-1	B-342	BK on WT	22 to 16	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	-	100
Fig. 44	XPS-250-1	B-342	BK on WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	-	100
Fig. 44	XPS-375-1	B-342	BK on WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	-	100

*Approx. wire gauge based on AWG for THHN wire.

Full Material Properties on page 187.

BMP®21 Voice & Data Comm Material:

B-427 Self-Laminating Vinyl Material

Ideal for marking wire and voice/data cabling, this marker features a clear, non-printed area which wraps around and overlaminates the printed text. Printer automatically repeats your lines of text to fill the white print area.

Resistant to abrasion, water, oil and solvents. Temp range -40°F to 158°F (-40°C to 70°C), UL recognized

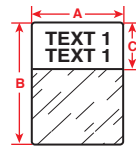
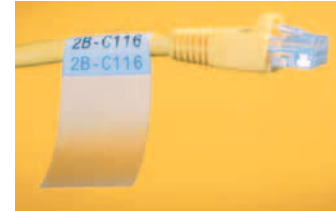


Figure 32



Self-Laminating Wire Markers

Diagram	Part Number	Material	Color	Approx. Wire Gauge*	Max Wire Dia. Inch (mm)	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels/ Roll
Fig. 32	XSL-11-427	B-427	BK on WT	16-10	0.160 (4.0)	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	450
Fig. 32	XSL-96-427	B-427	BK on WT	16-10	0.160 (4.0)	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	250
Fig. 32	XSL-17-427	B-427	BK on WT	12-10	0.210 (5.3)	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	450
Fig. 32	XSL-18-427	B-427	BK on WT	12-10	0.210 (5.3)	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	250
Fig. 32	XSL-19-427	B-427	BK on WT	12-10	0.210 (5.3)	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	250
Fig. 32	XSL-102-427	B-427	BK on WT	10-4	0.270 (6.9)	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	250
Fig. 32	XSL-103-427	B-427	BK on WT	10-4	0.270 (6.9)	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	250
Fig. 32	XSL-115-427	B-427	BK on WT	10-4	0.270 (6.9)	1.500 (38.1)	1.250 (31.8)	0.500 (12.7)	250
Fig. 32	XSL-29-427	B-427	BK on WT	10-4	0.320 (8.1)	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	450
Fig. 32	XSL-30-427	B-427	BK on WT	10-4	0.320 (8.1)	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-31-427	B-427	BK on WT	10-4	0.320 (8.1)	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-31-427-YL-BK	B-427	BK on YL	10-4	0.320 (8.1)	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-32-427	B-427	BK on WT	10-4	0.320 (8.1)	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	227
Fig. 32	XSL-21-427-YL-BK	B-427	BK on YL	3 Gauge-2/0	0.530 (13.5)	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-21-427	B-427	BK on WT	3 Gauge-2/0	0.530 (13.5)	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-116-427	B-427	BK on WT	3 Gauge-2/0	0.530 (13.5)	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-23-427	B-427	BK on WT	3/0-400 kcmil	0.850 (22.0)	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	85
Fig. 32	XSL-23-427-YL-BK	B-427	BK on YL	3/0-400 kcmil	0.850 (22.0)	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 32	XSL-33-427	B-427	BK on WT	3/0-400 kcmil	0.850 (22.0)	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	85
Fig. 32	XSL-34-427	B-427	BK on WT	500-900 kcmil	1.30 (33.0)	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	50

*Approx. wire gauge based on AWG for THHN wire.

Self-Laminating Voice and Data Comm Cable Markers

Diagram	Part Number	Material	Color	Sized To Fit	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels/ Roll
Fig. 32	XSL-19-427	B-427	BK on WT	2 pair Fiber/Coaxial, Single/Multi Mode	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	250
Fig. 32	XSL-102-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	250
Fig. 32	XSL-103-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	250
Fig. 32	XSL-115-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	1.500 (38.1)	1.250 (31.8)	0.500 (12.7)	250
Fig. 32	XSL-29-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	500
Fig. 32	XSL-30-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-31-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-31-427-YL-BK	B-427	BK on YL	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-32-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 32	XSL-21-427	B-427	BK on WT	25 pair Copper, 4-12 pair Fiber, Coaxial	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-21-427-YL-BK	B-427	BK on YL	25 pair Copper, 4-12 pair Fiber, Coaxial	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-116-427	B-427	BK on WT	25 pair Copper, 4-12 pair Fiber, Coaxial	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	100
Fig. 32	XSL-23-427	B-427	BK on WT	50 pair Copper, 24 pair Fiber, Backbone	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 32	XSL-23-427-YL-BK	B-427	BK on YL	50 pair Copper, 24 pair Fiber, Backbone	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 32	XSL-33-427	B-427	BK on WT	50 pair Copper, 24 pair Fiber, Backbone	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	100
Fig. 32	XSL-34-427	B-427	BK on WT	100 pair Copper, 36 pair Fiber, Backbone	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	50

BMP®21 Voice & Data Comm Material:

B-498 Repositionable Vinyl Cloth Material

Specially designed narrow-width markers automatically set to fixed spacing and separation between leg ends and automatically rotate to top-down orientation for perfect alignment on terminal blocks.

Temp Range -40°F to 175°F (-40°C to 80°C), UL Recognized

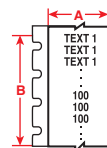


Figure 30



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 30	XC-240-498	B-498	Vinyl Cloth	BK on WT	0.240 (6.1)	20 ft. (7.9 m)	1 roll (cont.)
Fig. 30	XC-318-498	B-498	Vinyl Cloth	BK on WT	0.318 (8.1)	20 ft. (7.9 m)	1 roll (cont.)
Fig. 30	XC-375-498	B-498	Vinyl Cloth	BK on WT	0.375 (9.5)	20 ft. (7.9 m)	1 roll (cont.)

BMP®21 Voice & Data Comm Material:

B-422 Polyester Material

Permanent adhesive, good for powder-coated/textured surfaces making it ideal for pat panels, outlets and faceplate identification. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.

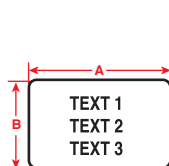


Figure 29

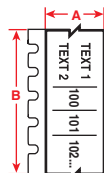


Figure 59



Diagram	Part Number	B#	Material	Color	Sized To Fit	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-422 Polyester Material								
Fig. 59	XC-375-422	B-422	Polyester	BK on WT	Label Punch Blocks or Multiple Ports on Cont. Tape	0.375 (9.530)	30 ft. (9.140 m)	1 roll (cont.)
Fig. 59	XC-475-422	B-422	Polyester	BK on WT	Label Punch Blocks or Multiple Ports on Cont. Tape	0.475 (12.070)	30 ft. (9.140 m)	1 roll (cont.)
Fig. 29	X-7-422	B-422	Polyester	BK on WT	Label Each Port	0.500 (12.700)	0.500 (12.700)	350
Fig. 29	X-17-422	B-422	Polyester	BK on WT	Label Faceplate	1.000 (25.400)	0.500 (12.700)	500
Fig. 29	X-29-422	B-422	Polyester	BK on WT	Label Faceplate	1.500 (38.100)	0.500 (12.700)	500

BMP®21 Voice & Data Comm Material:

Racks, Bays, Frames, Public Network & Data Center ID

- **B-422 Polyester Material** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.
- **B-483 Polyester Material** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.
- **B-595 Indoor/Outdoor Vinyl Material** - Permanent adhesive, very pliable, good for rough surfaces and outdoor use, wide range of colors. Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.

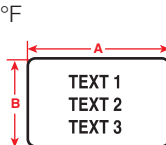


Figure 29



Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-422 Polyester Material							
Fig. 29	X-17-422	B-422	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-29-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.500 (12.7)	500
Fig. 29	X-30-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.750 (19.1)	250
Fig. 29	X-19-422	B-422	Polyester	BK on WT	1.000 (25.4)	1.000 (25.4)	250
Fig. 33	XC-1000-422	B-422	Polyester	BK on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
B-483 Polyester Material							
Fig. 29	X-17-483	B-483	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-61-483	B-483	Polyester	BK on WT	2.000 (50.8)	0.500 (12.7)	100
Fig. 29	X-20-483	B-483	Polyester	BK on WT	2.000 (50.8)	1.000 (25.4)	100
B-595 Indoor/Outdoor Vinyl Material							
Fig. 33	XC-500-595-YL-BK	B-595	Vinyl	BK on YL*	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-YL-BK	B-595	Vinyl	BK on YL*	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-YL-BK	B-595	Vinyl	BK on YL*	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)

*also available in Red, Orange, Green, Blue, White, and Clear.



IDXPERT Print Ribbons - Did You Know?

Did you know that the necessary print ribbons for the IDXPERT™ Handheld Labeler are self-contained within the label roll cartridge? There's no need to order or load separate print ribbons!



BMP®51 and BMP®53 Label Makers

www.BradyID.com/bmp51

Portable Label Printers



BMP®51
LABEL MAKER

BMP®53
LABEL MAKER



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Your Complete Printing Solution:

BMP51 & BMP53 cartridges with material and print ribbonPage 26

BMP®51 & BMP®53 Label Printer Parts

Catalog #	Description
75447314707	BMP®51 Printer with AC Adaptor*
75447314703	BMP®51 Printer, Rechargeable Li-Ion Battery Pack and AC Adaptor/Battery Charger*
75447314705	BMP®51 Printer, LabelMark™ 5 Software and AC Adaptor*
75447314708	BMP®53 Peripheral Printer with AC Adaptor*
75447314704	BMP®53 Printer, Rechargeable Li-Ion Battery Pack and AC Adaptor/Battery Charger*
75447314706	BMP®53 Printer, LabelMark™ 5 Software and AC

* Printer ships with Hard Carrying Case, Battery Tray for AA batteries, USB Cable, Drivers CD, Product CD, Quick Start Guide, and one MC-1500-595-WT-BK.

Patents applied for: 6,732,619 and 7,070,347 on the BMP®51 and BMP®53 Label Makers 6,929,415 on the PermaSleeve® cartridges

Made to get the job done.

Helps you get the job done faster, easier and with confidence. This labeler has the versatility, print capabilities and convenience to help you tackle your toughest labeling jobs in a snap.

- Fast print speed. Prints 1 inch per second!
- Material recognition and automatic label formatting
- Built-in Bluetooth® technology or optional Wi-Fi card for wireless printing via a network
- Large, graphical display with backlight
- Durable built-in cutter with label retention
- Software compatibility for advanced label design
- Continuous and die-cut label materials available
- More than 20 material types and over 190 label parts
- Prints labels up to 1.5" wide (or continuous labels up to 40"!)
- Tough, durable label materials that won't fade, smear or fall off
- Ribbon and label materials in one easy to load cartridge

Don't need the keyboard or screen?

Check out the BMP®53 Label Maker - many of the same features as the BMP®51 Label Maker, minus the display screen and keyboard.

- Create labels with LabelMark™ or CodeSoft™ Software, or using a Brady Mobile App on your smart phone
- Use the same label cartridges as BMP51

Accessories

Catalog #	Description
M50-MAGNET	BMP®50 Series Magnet Accessory
BMP-UBP	Lithium Ion Rechargeable Battery Pack for Mobile Printers
BMP-UBP-AC	Lithium Ion Rechargeable Battery Pack with AC Adaptor/Battery Charger
NET-WIFI	Brady Network Card - Bluetooth and WIFI
NET-LAN	Brady Network Card - Ethernet only
NET-BT-WIFI-LAN	Brady Network Card - Bluetooth/WIFI/Ethernet
M50-HC	BMP®50 Series Hard Carrying Case
M50-SC	BMP®50 Series Soft Carrying Case
M50-AC	BMP®50 Series AC Adaptor/Battery Charger
M50-CABLE	BMP®50 Series USB Cable
M50-BATT-TRAY	BMP®50 Series Spare Battery Tray
LM5STDCLD	LabelMark™ 5 Standard Software - CD-ROM



Brady 360® Replacement Printer Plan supplements the Limited Warranty already included with your printer purchase. This Replacement Plan allows you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

*Printheads are covered. *Limit of two printers in the first 12 months of initial purchase.

Get the job done FASTER, EASIER and WITH CONFIDENCE.



Voice & Data
Communications



PermaSleeve®
Wire Marking Sleeves



Product Identification



Facility & Safety
Identification



Laboratory
Identification



General ID
...and many more!

BMP®51 and BMP®53 Label Makers

www.BradyID.com/bmp51

	BMP®53 Printer Specifications	BMP®51 Printer Specifications
Max Labels Per Day	500 labels/day	500 labels/day
Print Resolution	300 dpi	300 dpi
Print Technology	Thermal Transfer	Thermal Transfer
Print Speed	25 mm/sec (1 in/sec)	25 mm/sec (1 in/sec)
Tape Widths (inches)	Various sizes from 0.235" to 1.50"	Various sizes from 0.235" to 1.50"
Tape Widths (mm)	6.4, 8.0, 9.5, 12.1, 12.7, 15.9, 19.1, 25.4, 38.1 mm	6.4, 8.0, 9.5, 12.1, 12.7, 15.9, 19.1, 25.4, 38.1 mm
Max Label Width	1.50" (38.1mm)	1.50" (38.1mm)
Max Print Width	1.250" (31.75mm)	1.250" (31.75mm)
Memory	Files saved to PC	48 MB / 25,000 labels
Materials Supported	Continuous, Die Cut, 140+ Stock Parts	Continuous, Die Cut, 140+ Stock Parts
Continuous vs Die Cut Labels	Continuous and die cut labels	Continuous and die cut labels
PC Connectivity	Yes	Yes
Software Compatibility	LabelMark™ / CodeSoft™ Software	LabelMark™ / CodeSoft™ Software
Data Transfer from PC to printer	Yes	Yes
Wireless Connectivity	Yes	Yes
Stand Alone Printing	No	Yes
Connectivity Options	USB, Bluetooth (WiFi and Ethernet optional)	USB, Bluetooth (WiFi and Ethernet optional)
Color Capability	Single Color Printing	Single Color Printing
Keyboard	N/A	QWERTY
Backlit Screen	N/A	Yes
Text Sizes	4 to 103 point + autosizing	4 to 103 point + autosizing
Multi-Line Print	Yes	Yes
Print Rotation	Yes	Yes
Serialization	Yes	Yes
Barcode	All LabelMark Supported Barcodes	39 and 128
Symbols	All LabelMark Supported Symbols	444
Portability	Yes	Yes
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Flag Labels, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length	Banner Portrait, Banner Landscape, Wire, Flag Labels, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length, Small Pipe Markers
Applications	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking
Power Supply	8AA's, AC Power, Rechargeable Li-Ion battery pack (optional)	8AA's, AC Power, Rechargeable Li-Ion battery pack (optional)
Weight	2.8 lbs (1.27kg)	3.18 lbs (1.44kg)
Warranty	12 months - See Terms and Conditions	12 months - See Terms and Conditions

Get the job done your way.

The BMP®51 and BMP®53 Label Printer ships with a Bluetooth® enabled network card that can work with your Android® powered mobile device and the Brady Mobile App.

Additional options are available to network your Brady BMP®51 Label Printer - making it quick and easy to print without physically connecting it to multiple PCs.

Network Card Options:

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

Brady Mobile Apps

Introducing "Brady Mobile" – the first Brady apps for on-the-job label making. Simply download a free Brady Mobile app on your Android phone for instant access to quick and easy label making.

- Design a label from scratch or edit an existing label
- Create and edit label templates
- Print to your BMP®51 or BMP®53 Printer using Bluetooth® technology
- Save label files to your mobile device
- Built-in barcodes, symbols and pictograms that you can insert onto your labels
- Automatically updates when new label types, printers and materials are available



Brady Mobile Electrical Label Types:

- Flags
- Wire Markers
- Terminal Block
- General ID



Brady Mobile DataComm Label Types:

- General ID
- Flags
- Patch Panel
- Wire Markers
- 110 Block
- 66 Block
- BIX Block



To Download:

Open Google Play on your mobile device and search for "Brady Mobile."

Brady Mobile App is designed to run on Android OS Version 2.2 or higher.



LabelMark™ Software

LabelMark™5 Software can integrate data sources, label designs and batch printing into one cohesive system. This user-friendly label design and printing software is ideal for a variety of high performance labeling including applications.



New label set up and data management features

- Electrical labeling wizards for control panel, 110 Block, and wire harness assembly
- Select template for datacomm labeling by manufacturer/model
- Manage multiple files in a single job by grouping wire markers, push buttons, rating plates, and terminal block labels into one job file
- Complete integration with Microsoft Office® and AutoCAD applications

Print labels faster and more efficiently

- Print labels simultaneously on multiple printers for fast label kitting
- Design fixed text labels for quick printing or free form labels for custom label design

Android is a trademark of Google Inc.
Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
Microsoft Office is a registered trademark of Microsoft Corporation.

BMP®51 and BMP®53 Materials

www.BradyID.com/bmp51

BMP®51 and BMP®53 General Identification Material:

B-584 Reflective Material

Highly reflective labels shine back brightly when struck by light.



Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig.33	MC-500-584	B-584	Reflective	BK on WT	0.500 (12.70)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-750-584	B-584	Reflective	BK on WT	0.750 (19.05)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-1000-584	B-584	Reflective	BK on WT	1.000 (25.40)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-1500-584	B-584	Reflective	BK on WT	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-500-584-YL	B-584	Reflective	BK on YL	0.500 (12.70)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-750-584-YL	B-584	Reflective	BK on YL	0.750 (19.05)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-1000-584-YL	B-584	Reflective	BK on YL	1.000 (25.40)	20 ft. (6.09 m)	1 roll (cont.)
Fig.33	MC-1500-584-YL	B-584	Reflective	BK on YL	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)

BMP®51 and BMP®53 General Identification Material:

B-595 Indoor / Outdoor Vinyl Material

Pliable vinyl conforms well to smooth or rough surfaces such as pipes, panels, shelving, bins, and equipment. Excellent resistance to oils, detergents, dirt, grime, and many solvents. Label last up to 8-10 years outdoors.

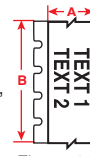


Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 33	MC-500-595-WT-BK	B-595	Vinyl	BK on WT	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-WT-BK	B-595	Vinyl	BK on WT	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-WT-BK	B-595	Vinyl	BK on WT	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-WT-BK	B-595	Vinyl	BK on WT	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-YL-BK	B-595	Vinyl	BK on YL	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-YL-BK	B-595	Vinyl	BK on YL	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-YL-BK	B-595	Vinyl	BK on YL	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-YL-BK	B-595	Vinyl	BK on YL	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-OR-BK	B-595	Vinyl	BK on OR	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-OR-BK	B-595	Vinyl	BK on OR	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-OR-BK	B-595	Vinyl	BK on OR	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-OR-BK	B-595	Vinyl	BK on OR	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-BL-WT	B-595	Vinyl	WT on BL	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-BL-WT	B-595	Vinyl	WT on BL	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-BL-WT	B-595	Vinyl	WT on BL	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-BL-WT	B-595	Vinyl	WT on BL	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-RD-WT	B-595	Vinyl	WT on RD	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-RD-WT	B-595	Vinyl	WT on RD	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-RD-WT	B-595	Vinyl	WT on RD	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-RD-WT	B-595	Vinyl	WT on RD	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-GN-WT	B-595	Vinyl	WT on GN	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-GN-WT	B-595	Vinyl	WT on GN	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-GN-WT	B-595	Vinyl	WT on GN	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-GN-WT	B-595	Vinyl	WT on GN	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-WT-RD	B-595	Vinyl	RD on WT	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-WT-RD	B-595	Vinyl	RD on WT	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-WT-RD	B-595	Vinyl	RD on WT	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-WT-RD	B-595	Vinyl	RD on WT	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-BK-WT	B-595	Vinyl	WT on BK	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-BK-WT	B-595	Vinyl	WT on BK	0.750 (19.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-BK-WT	B-595	Vinyl	WT on BK	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-BK-WT	B-595	Vinyl	WT on BK	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-500-595-CL-BK	B-595	Vinyl	BK on CL	0.500 (12.70)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-750-595-CL-BK	B-595	Vinyl	BK on CL	0.750 (19.10)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-1000-595-CL-BK	B-595	Vinyl	BK on CL	1.000 (25.40)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-1500-595-CL-BK	B-595	Vinyl	BK on CL	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-500-595-CL-WT	B-595	Vinyl	WT on CL	0.500 (12.70)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-750-595-CL-WT	B-595	Vinyl	WT on CL	0.750 (19.10)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-1000-595-CL-WT	B-595	Vinyl	WT on CL	1.000 (25.40)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-1500-595-CL-WT	B-595	Vinyl	WT on CL	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)

Full Material Properties on page 187.

BMP®51 and BMP®53 General Identification Material: Bin, Storage, & General Industrial ID

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

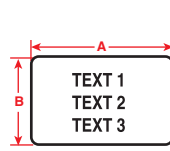


Figure 29



Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-422 – Gloss Polyester Material							
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280
Fig. 29	M-17-422	B-422	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-19-422	B-422	Polyester	BK on WT	1.000 (25.40)	1.000 (25.40)	200
Fig. 29	M-29-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.500 (12.70)	360
Fig. 29	M-30-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.750 (19.05)	200
B-483 – Ultra Aggressive Polyester Material							
Fig. 29	M-17-483	B-483	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-61-483	B-483	Polyester	BK on WT	2.000 (50.80)	0.500 (12.70)	80
Fig. 29	M-20-483	B-483	Polyester	BK on WT	2.000 (50.80)	1.000 (25.40)	80
B-499 – Nylon Cloth Material							
Fig. 29	M-11-499	B-499	Nylon Cloth	BK on WT	0.750 (19.05)	0.500 (12.70)	220
Fig. 29	M-84-499	B-499	Nylon Cloth	BK on WT	0.900 (22.86)	0.500 (12.70)	200
Fig. 29	M-132-499	B-499	Nylon Cloth	BK on WT	1.250 (31.75)	1.500 (38.10)	160
Fig. 29	M-78-499	B-499	Nylon Cloth	BK on WT	1.900 (48.26)	1.000 (25.40)	100
B-595 – Indoor / Outdoor Vinyl Material							
Fig. 33	MC-500-595-RD-WT	B-595	Vinyl	WT on RD	0.500 (12.70)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-750-595-RD-WT	B-595	Vinyl	WT on RD	0.750 (19.05)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1000-595-RD-WT	B-595	Vinyl	WT on RD	1.000 (25.40)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-RD-WT	B-595	Vinyl	WT on RD	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)

BMP®51 and BMP®53 Voice & Data Comm Material:

B-499 Nylon Cloth Cable Flags

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

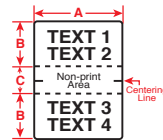


Figure 63



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Non-Print Height C Inch (mm)	Labels/ Roll	Material Notes
Fig. 63	M-151-499	B-499	Nylon Cloth	BK on WT	1.000 (25.40)	1.000 (25.40)	0.250 (6.35)	90	Approx. 1.000" x 1.000" resulting flag size
Fig. 63	M-152-499	B-499	Nylon Cloth	BK on WT	1.500 (38.10)	0.500 (12.70)	0.250 (6.35)	160	Approx. .500" x 1.500" resulting flag size

BMP®51 and BMP®53 Voice & Data Comm Material:

Punch Block & Patch Panel ID

Make fully-formatted punch block strips or labels in one easy process. Using BMP®51's built-in templates, LabelMark™ 5 Software or the Brady Mobile App easily create serialized punch block labels with or without grid lines to fit your equipment.

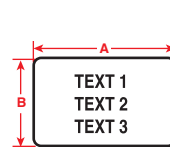


Figure 29

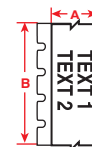


Figure 33

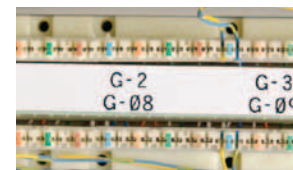


Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Material Notes
B-412 – Polypropylene Tags								
Fig. 33	MC-375-412	B-412	Polypropylene	BK on WT	0.375 (9.53)	20 ft (6.09 m)	1 roll (cont.)	Non-Adhesive Slide-in Strips
Fig. 33	MC-475-412	B-412	Polypropylene	BK on WT	0.475 (12.07)	20 ft (6.09 m)	1 roll (cont.)	Non-Adhesive Slide-in Strips
Fig. 33	MC-625-412	B-412	Polypropylene	BK on WT	0.675 (12.07)	20 ft (6.09 m)	1 roll (cont.)	Non-Adhesive Slide-in Strips
B-422 – Gloss Polyester Material								
Fig. 33	MC-375-422	B-422	Polyester	BK on WT	0.375 (9.53)	25 ft (7.62 m)	1 roll (cont.)	Adhesive Stick-on Strips
Fig. 33	MC-475-422	B-422	Polyester	BK on WT	0.475 (12.07)	25 ft (7.62 m)	1 roll (cont.)	Adhesive Stick-on Strips
Fig. 33	MC-625-422	B-422	Polyester	BK on WT	0.675 (12.07)	25 ft (7.62 m)	1 roll (cont.)	Adhesive Stick-on Strips
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280	Individual Port Labels

BMP®51 and BMP®53 Materials

www.BradyID.com/bmp51

BMP®51 and BMP®53 Voice & Data Comm Material:

Faceplate & Outlet ID

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

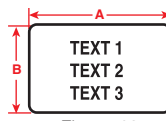


Figure 29

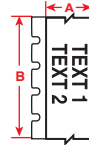


Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Material Notes
B-412 – Polypropylene Tag								
Fig. 33	MC-475-412	B-412	Polypropylene	BK on WT	0.475 (12.07)	20 ft (6.09 m)	1 roll (cont.)	Non-Adhesive Slide-in Strips
B-422 – Gloss Polyester Material								
Fig. 33	MC-375-422	B-422	Polyester	BK on WT	0.375 (9.53)	25 ft (7.62 m)	1 roll (cont.)	Adhesive Stick-on Strips
Fig. 33	MC-475-422	B-422	Polyester	BK on WT	0.475 (12.07)	25 ft (7.62 m)	1 roll (cont.)	Adhesive Stick-on Strips
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280	Stick-on Individual Labels
Fig. 29	M-29-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.500 (12.70)	360	Stick-on Individual Labels
Fig. 29	M-17-422	B-422	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360	Stick-on Individual Labels
Fig. 29	M-30-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.750 (19.05)	200	Stick-on Individual Labels
B-483 – Ultra Aggressive Polyester Material								
Fig. 29	M-61-483	B-483	Polyester	BK on WT	2.000 (50.80)	0.500 (12.70)	80	Stick-on Individual Labels

BMP®51 and BMP®53 Voice & Data Comm Material:

Data Center Equipment ID

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

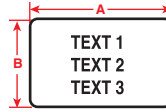


Figure 29



Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Material Notes
B-422 – Gloss Polyester Material								
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280	For smooth or textured surfaces
Fig. 29	M-17-422	B-422	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360	For smooth or textured surfaces
Fig. 29	M-19-422	B-422	Polyester	BK on WT	1.000 (25.40)	1.000 (25.40)	200	For smooth or textured surfaces
Fig. 29	MC-1000-422	B-422	Polyester	BK on WT	1.000 (25.40)	25 ft (7.62 m)	1 roll (cont.)	For smooth or textured surfaces
Fig. 29	M-29-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.500 (12.70)	360	For smooth or textured surfaces
Fig. 29	M-30-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.750 (19.05)	200	For smooth or textured surfaces
B-483 – Ultra Aggressive Polyester Material								
Fig. 29	M-17-483	B-483	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360	For smooth or textured surfaces
Fig. 29	M-61-483	B-483	Polyester	BK on WT	2.000 (50.80)	0.500 (12.70)	80	For smooth or textured surfaces
Fig. 29	M-20-483	B-483	Polyester	BK on WT	2.000 (50.80)	1.000 (25.40)	80	For smooth or textured surfaces
B-595 – Indoor / Outdoor Vinyl Material								
Fig. 33	MC-500-595-CL-WT	B-595	Vinyl	WT on CL	0.500 (12.70)	20 ft (6.09 m)	1 roll (cont.)	Indoor/Outdoor Vinyl
Fig. 33	MC-750-595-CL-WT	B-595	Vinyl	WT on CL	0.750 (19.05)	20 ft (6.09 m)	1 roll (cont.)	Indoor/Outdoor Vinyl
Fig. 33	MC-1000-595-CL-WT	B-595	Vinyl	WT on CL	1.000 (25.40)	20 ft (6.09 m)	1 roll (cont.)	Indoor/Outdoor Vinyl
Fig. 33	MC-1500-595-CL-WT	B-595	Vinyl	WT on CL	1.500 (38.10)	20 ft (6.09 m)	1 roll (cont.)	Indoor/Outdoor Vinyl



Did You Know?

You can create these labels and more from your Android™ phone!

With the Brady Mobile App, you can easily create labels on your Android device and print them wirelessly to your BMP®51 Label Maker.



Scan to download your app!



FREE!



BMP®51 and BMP®53 Materials

www.BradyID.com/bmp51

BMP®51 and BMP®53 Voice & Data Comm Material:

B-427 Self-Laminating Vinyl Material

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

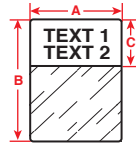


Figure 42

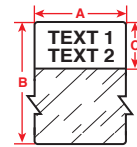


Figure 42a (continuous)



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write-On Area C Inch (mm)	Labels/Roll	Sized to Fit
Fig. 42	M-19-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.000 (25.40)	0.375 (9.53)	200	2 pair Fiber/Coaxial, Single/Multi-Mode
Fig. 42	M-102-427	B-427	Vinyl	BK on WT	0.500 (12.70)	1.250 (31.75)	0.375 (9.53)	200	CAT-6, 4 pair UTP Copper
Fig. 42	M-115-427	B-427	Vinyl	BK on WT	1.500 (38.10)	1.250 (31.75)	0.500 (12.70)	200	CAT-6, 4 pair UTP Copper
Fig. 42	M-103-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.250 (31.75)	0.500 (12.70)	200	CAT-6, 4 pair UTP Copper, Fiber, Coaxial
Fig. 42	M-29-427	B-427	Vinyl	BK on WT	0.500 (12.70)	1.500 (38.10)	0.500 (12.70)	360	CAT-6, 4 pair UTP Copper
Fig. 42	M-30-427	B-427	Vinyl	BK on WT	0.750 (19.05)	1.500 (38.10)	0.500 (12.70)	200	CAT-6, 4 pair UTP Copper
Fig. 42	M-31-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.500 (38.10)	0.500 (12.70)	200	CAT-6, 4 pair UTP Copper, Fiber, Coaxial
Fig. 42	M-31-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	1.500 (38.10)	0.500 (12.70)	200	CAT-6, 4 pair UTP Copper, Fiber, Coaxial
Fig. 42	M-32-427	B-427	Vinyl	BK on WT	1.500 (38.10)	1.500 (38.10)	0.500 (12.70)	180	CAT-6, 4 pair UTP Copper, Fiber, Coaxial
Fig. 42	M-21-427	B-427	Vinyl	BK on WT	1.000 (25.40)	2.500 (63.50)	0.750 (19.05)	80	25 pair Copper, 4-12 pair Fiber, Coaxial
Fig. 42	M-21-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	2.500 (63.50)	0.750 (19.05)	80	25 pair Copper, 4-12 pair Fiber, Coaxial
Fig. 42	M-116-427	B-427	Vinyl	BK on WT	1.500 (38.10)	2.500 (63.50)	0.750 (19.05)	80	25 pair Copper, 4-12 pair Fiber, Coaxial
Fig. 42	M-23-427	B-427	Vinyl	BK on WT	1.000 (25.40)	4.000 (101.60)	1.000 (25.40)	70	50 pair Copper, 24 pair Fiber, Backbone
Fig. 42	M-23-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	4.000 (101.60)	1.000 (25.40)	70	50 pair Copper, 24 pair Fiber, Backbone
Fig. 42	M-33-427	B-427	Vinyl	BK on WT	1.500 (38.10)	4.000 (101.60)	1.000 (25.40)	70	50 pair Copper, 24 pair Fiber, Backbone
Fig. 42	M-34-427	B-427	Vinyl	BK on WT	1.500 (38.10)	6.000 (152.40)	1.500 (38.10)	40	100 pair Copper, 36 pair Fiber, Backbone
Continuous Self-Laminating Vinyl Material									
Fig. 42a	MC-1000-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	1.000 (25.40)	0.375 (9.53)	1 roll (cont.)	CAT-6, 4 pair UTP Copper
Fig. 42a	MC-1500-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	1.500 (38.10)	0.500 (12.70)	1 roll (cont.)	CAT-6, 4 pair UTP Copper

BMP®51 and BMP®53 Wire & Cable Material:

Automation & Electrical Component ID

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

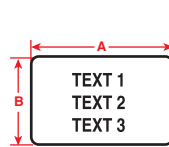


Figure 29

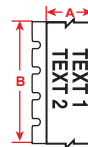


Figure 33

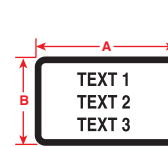


Figure 46



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-422 – Gloss Polyester Material							
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280
Fig. 29	M-17-422	B-422	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-19-422	B-422	Polyester	BK on WT	1.000 (25.40)	1.000 (25.40)	200
Fig. 33	MC-1000-422	B-422	Polyester	BK on WT	1.000 (25.40)	25ft. (7.62m)	1 roll (cont.)
Fig. 29	M-29-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.500 (12.70)	360
Fig. 29	M-30-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.750 (19.05)	200
B-428 – Metallized Polyester Material							
Fig. 29	M-17-428	B-428	Metallized Polyester	BK on SV	1.000 (25.40)	0.500 (12.70)	360
Fig. 46	M-24-428-BB	B-428	Metallized Polyester	BK on SV	1.130 (28.70)	0.500 (12.70)	360
Fig. 29	M-30-428	B-428	Metallized Polyester	BK on SV	1.500 (38.10)	0.750 (19.05)	260
Fig. 29	M-29-428	B-428	Metallized Polyester	BK on SV	1.500 (38.10)	0.500 (12.70)	360
Fig. 29	M-20-428	B-428	Metallized Polyester	BK on SV	2.000 (50.80)	1.000 (25.40)	80
B-483 – Ultra Aggressive Polyester Material							
Fig. 29	M-61-483	B-483	Polyester	BK on WT	2.000 (50.80)	0.500 (12.70)	80
Fig. 29	M-20-483	B-483	Polyester	BK on WT	2.000 (50.80)	1.000 (25.40)	80
B-499 – Nylon Cloth Material							
Fig. 29	M-11-499	B-499	Nylon Cloth	BK on WT	0.750 (19.05)	0.500 (12.70)	220
Fig. 29	M-84-499	B-499	Nylon Cloth	BK on WT	0.900 (22.86)	0.500 (12.70)	200
Fig. 29	M-132-499	B-499	Nylon Cloth	BK on WT	1.250 (31.75)	1.500 (38.10)	160
Fig. 29	M-78-499	B-499	Nylon Cloth	BK on WT	1.900 (48.26)	1.000 (25.40)	100
B-595 – Indoor / Outdoor Vinyl Material							
Fig. 33	MC-1000-595-OR-BK	B-595	Vinyl	BK on OR	1.000 (25.40)	25 ft (7.62 m)	1 roll (cont.)

Full Material Properties on page 187.

1-888-272-3946 | www.BradyID.com

BMP®51 and BMP®53 Materials

www.BradyID.com/bmp51

BMP®51 and BMP®53 Wire & Cable Material:

B-427 Self-Laminating Vinyl Material

Features a clear, non-printable "tail" that wraps around the wire and serves as an overlaminate to the printed text. Protected print area offers superior chemical and abrasion resistance. Available as individual die-cut markers or continuous cut-to-length labels.

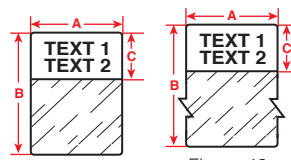


Figure 42

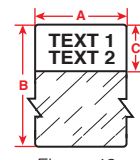


Figure 42a
(continuous)



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write-On Area C Inch (mm)	Wire Gauge	Max. Wire Diameter Inch (mm)	Labels/Roll
Fig. 42	M-11-427	B-427	Vinyl	BK on WT	0.500 (12.70)	0.750 (19.05)	0.375 (9.53)	16 - 10 Gauge	0.160 (4.06)	360
Fig. 42	M-96-427	B-427	Vinyl	BK on WT	1.000 (25.40)	0.750 (19.05)	0.375 (9.53)	16 - 10 Gauge	0.160 (4.06)	200
Fig. 42	M-17-427	B-427	Vinyl	BK on WT	0.500 (12.70)	1.000 (25.40)	0.375 (9.53)	12 - 10 Gauge	0.210 (5.33)	360
Fig. 42	M-18-427	B-427	Vinyl	BK on WT	0.750 (19.05)	1.000 (25.40)	0.375 (9.53)	12 - 10 Gauge	0.210 (5.33)	200
Fig. 42	M-19-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.000 (25.40)	0.375 (9.53)	12 - 10 Gauge	0.210 (5.33)	200
Fig. 42	M-102-427	B-427	Vinyl	BK on WT	0.500 (12.70)	1.250 (31.75)	0.375 (9.53)	10 - 4 Gauge	0.270 (6.86)	200
Fig. 42	M-103-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.250 (31.75)	0.500 (12.70)	10 - 4 Gauge	0.270 (6.86)	200
Fig. 42	M-115-427	B-427	Vinyl	BK on WT	1.500 (38.10)	1.250 (31.75)	0.500 (12.70)	10 - 4 Gauge	0.270 (6.86)	200
Fig. 42	M-29-427	B-427	Vinyl	BK on WT	0.500 (12.70)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.320 (8.13)	360
Fig. 42	M-30-427	B-427	Vinyl	BK on WT	0.750 (19.05)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.320 (8.13)	200
Fig. 42	M-31-427	B-427	Vinyl	BK on WT	1.000 (25.40)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.320 (8.13)	200
Fig. 42	M-31-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.320 (8.13)	200
Fig. 42	M-32-427	B-427	Vinyl	BK on WT	1.500 (38.10)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.320 (8.13)	180
Fig. 42	M-21-427	B-427	Vinyl	BK on WT	1.000 (25.40)	2.500 (63.50)	0.750 (19.05)	3 Gauge - 2/0	0.530 (13.46)	80
Fig. 42	M-21-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	2.500 (63.50)	0.750 (19.05)	3 Gauge - 2/0	0.530 (13.46)	80
Fig. 42	M-116-427	B-427	Vinyl	BK on WT	1.500 (38.10)	2.500 (63.50)	0.750 (19.05)	3 Gauge - 2/0	0.530 (13.46)	80
Fig. 42	M-23-427	B-427	Vinyl	BK on WT	1.000 (25.40)	4.000 (101.6)	1.000 (25.40)	3/0 - 400 kcmil	0.850 (21.59)	70
Fig. 42	M-23-427-YL	B-427	Vinyl	BK on YL	1.000 (25.40)	4.000 (101.6)	1.000 (25.40)	3/0 - 400 kcmil	0.850 (21.59)	70
Fig. 42	M-33-427	B-427	Vinyl	BK on WT	1.500 (38.10)	4.000 (101.6)	1.000 (25.40)	3/0 - 400 kcmil	0.850 (21.59)	70
Fig. 42	M-34-427	B-427	Vinyl	BK on WT	1.500 (38.10)	6.000 (152.40)	1.500 (38.10)	500 - 900 kcmil	1.300 (33.02)	40
Continuous Self-Laminating Vinyl Material										
Fig. 42a	MC-750-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	0.750 (19.05)	0.375 (9.53)	16 - 10 Gauge	0.270 (6.86)	1 roll (cont.)
Fig. 42a	MC-1000-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	1.000 (25.40)	0.375 (9.53)	12 - 10 Gauge	0.850 (21.59)	1 roll (cont.)
Fig. 42a	MC-1250-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	1.250 (31.75)	0.500 (12.70)	10 - 4 Gauge	0.530 (13.46)	1 roll (cont.)
Fig. 42a	MC-1500-427	B-427	Vinyl	BK on WT	25 ft. (7.62 m)	1.500 (38.10)	0.500 (12.70)	10 - 4 Gauge	0.270 (6.86)	1 roll (cont.)

* Approximate wire gauge based on AWG for THHN wire.

BMP®51 and BMP®53 Wire & Cable Material:

B-342 PermaSleeve® PS Wire Marking Sleeve

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.

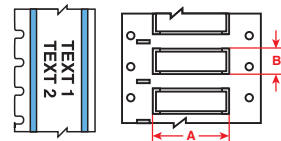


Figure 58

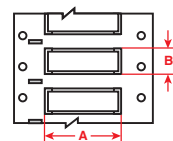


Figure 20b

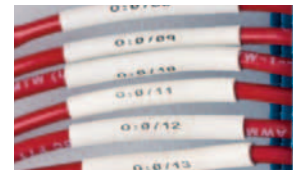


Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Max. Wire Diameter Inch (mm)	Labels/Roll
Fig. 58	MC-125-342	B-342	PermaSleeve	BK on WT	0.235 (5.97)	7 ft (2.13 m)	22-16 Gauge	0.046 (1.20) - 0.110 (2.80)	1 roll (cont.)
Fig. 58	MC-125-342-YL	B-342	PermaSleeve	BK on YL	0.235 (5.97)	7 ft (2.13 m)	22-16 Gauge	0.046 (1.20) - 0.110 (2.80)	1 roll (cont.)
Fig. 58	MC-187-342	B-342	PermaSleeve	BK on WT	0.335 (8.51)	7 ft (2.13 m)	20-10 Gauge	0.062 (1.60) - 0.150 (3.80)	1 roll (cont.)
Fig. 58	MC-187-342-YL	B-342	PermaSleeve	BK on YL	0.335 (8.51)	7 ft (2.13 m)	20-10 Gauge	0.062 (1.60) - 0.150 (3.80)	1 roll (cont.)
Fig. 58	MC-250-342	B-342	PermaSleeve	BK on WT	0.439 (11.15)	7 ft (2.13 m)	16-8 Gauge	0.094 (2.40) - 0.215 (5.50)	1 roll (cont.)
Fig. 58	MC-250-342-YL	B-342	PermaSleeve	BK on YL	0.439 (11.15)	7 ft (2.13 m)	16-8 Gauge	0.094 (2.40) - 0.215 (5.50)	1 roll (cont.)
Fig. 58	MC-375-342	B-342	PermaSleeve	BK on WT	0.645 (16.38)	7 ft (2.13 m)	12-4 Gauge	0.125 (3.20) - 0.320 (8.10)	1 roll (cont.)
Fig. 20b	M-125-1-342	B-342	PermaSleeve	BK on WT	1.015 (25.78)	0.235 (5.96)	22-16 Gauge	0.046 (1.20) - 0.110 (2.80)	80
Fig. 20b	M-187-1-342	B-342	PermaSleeve	BK on WT	1.015 (25.78)	0.335 (8.50)	20-10 Gauge	0.062 (1.60) - 0.150 (3.80)	80
Fig. 20b	M-250-1-342	B-342	PermaSleeve	BK on WT	1.015 (25.78)	0.439 (11.15)	16-8 Gauge	0.094 (2.40) - 0.215 (5.50)	80
Fig. 20b	M-375-1-342	B-342	PermaSleeve	BK on WT	1.015 (25.78)	0.645 (16.38)	12-4 Gauge	0.125 (3.20) - 0.320 (8.10)	80

* Approximate wire gauge based on AWG for THHN wire.



Get the Job Done Faster with BMP®51 Label Maker Accessories

We have a variety of accessories to speed up the label making process:

- Attach the magnet to apply printer to panel doors, metal ladders or any metal surface
- Li-Ion battery allows you to print over 3,000 labels on a single charge
- Wireless, Ethernet, USB & Bluetooth capabilities give you the flexibility to print labels however you'd like

BMP®51 and BMP®53 Wire & Cable Material:

Terminal Block ID

B-498 Vinyl Cloth Material - Specially-designed narrow-width markers. LabelMark™ 5 Software, Brady Mobile App or built-in label types in the BMP®51 can auto-serialize these labels to save you time.

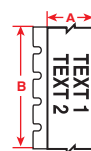


Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 33	MC-240-498	B-498	Vinyl Cloth	BK on WT	0.240 (6.09)	16 ft. (4.87 m)	1 roll (cont.)
Fig. 33	MC-318-498	B-498	Vinyl Cloth	BK on WT	0.318 (8.07)	16 ft. (4.87 m)	1 roll (cont.)
Fig. 33	MC-375-498	B-498	Vinyl Cloth	BK on WT	0.375 (9.52)	16 ft. (4.87 m)	1 roll (cont.)

BMP®51 and BMP®53 Wire & Cable Material:

B-498 Wrap Around Vinyl Cloth Material

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.

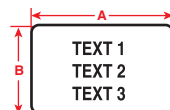


Figure 29



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Max. Wire Diameter	Labels/Roll
Fig. 29	M-7-498	B-498	Vinyl Cloth	BK on WT	0.500 (12.70)	0.500 (12.70)	22 - 16 Gauge	0.110 (2.80)	240
Fig. 29	M-11-498	B-498	Vinyl Cloth	BK on WT	0.500 (12.70)	0.750 (19.05)	16 - 10 Gauge	0.160 (4.00)	220
Fig. 29	M-163-498	B-498	Vinyl Cloth	BK on WT	0.500 (12.70)	1.000 (25.40)	12 - 10 Gauge	0.210 (5.00)	180
Fig. 29	M-18-498	B-498	Vinyl Cloth	BK on WT	0.750 (19.05)	1.000 (25.40)	12 - 10 Gauge	0.210 (5.00)	180
Fig. 29	M-19-498	B-498	Vinyl Cloth	BK on WT	1.000 (25.40)	1.000 (25.40)	12 - 10 Gauge	0.210 (5.00)	160
Fig. 29	M-31-498	B-498	Vinyl Cloth	BK on WT	1.000 (25.40)	1.500 (38.10)	10 - 4 Gauge	0.270 (7.00)	160

* Approximate wire gauge based on AWG for THHN wire.

BMP®51 and BMP®53 Wire & Cable Material:

Wire & Cable Flags

Allow more legible information on smaller diameter wires and permits you to handle and view labels without touching the wires.

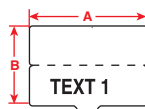


Figure 48

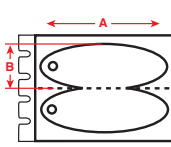


Figure 50

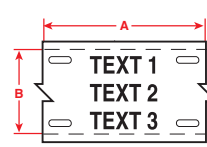


Figure 57



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-109 – Polypropylene Tag Material							
Fig. 57	M-12-109	B-109	Polypropylene	BK on WT	0.750 (19.05)	3.000 (76.2)	80
B-145 – Polypropylene Tag Material							
Fig. 50	M-111-145FR-GY	B-145	Polyethylene	BK on GY	0.758 (19.25)	1.206 (30.63)	80
B-425 – Polypropylene Flag Material							
Fig. 48	MFT-01-425	B-425	Polypropylene	BK on WT	0.788 (20.01)	1.18 (29.97)	200

BMP®51 and BMP®53 Wire & Cable Material:

Control Panel and Electrical Panel ID

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

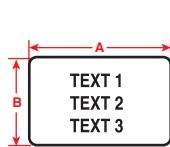


Figure 29



Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
B-428 – Metallized Polyester Material							
Fig. 29	M-17-428	B-428	Metallized Polyester	BK on SV	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-29-428	B-428	Metallized Polyester	BK on SV	1.500 (38.10)	0.500 (12.70)	360
Fig. 29	M-20-428	B-428	Metallized Polyester	BK on SV	2.000 (50.80)	1.000 (25.40)	80
B-595 – Indoor / Outdoor Vinyl Material							
Fig. 33	MC-1500-595-WT-BK	B-595	Vinyl	BK on WT	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-YL-BK	B-595	Vinyl	BK on YL	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-OR-BK	B-595	Vinyl	BK on OR	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-BL-WT	B-595	Vinyl	WT on BL	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-RD-WT	B-595	Vinyl	WT on RD	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-GN-WT	B-595	Vinyl	WT on GN	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-WT-RD	B-595	Vinyl	RD on WT	1.500 (38.10)	25 ft. (7.62 m)	1 roll (cont.)
Fig. 33	MC-1500-595-CL-WT	B-595	Vinyl	WT on CL	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)
Fig. 33	MC-1500-595-CL-BK	B-595	Vinyl	BK on CL	1.500 (38.10)	20 ft. (6.09 m)	1 roll (cont.)

Full Material Properties on page 187.

BMP®51 and BMP®53 Materials

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BMP®51 and BMP®53 Tamper-Indicating Material:

B-351 Tamper-Indicating Vinyl Material

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

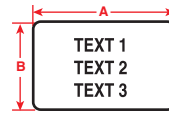


Figure 29



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 29	M-17-351	B-351	Vinyl	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-20-351	B-351	Vinyl	BK on WT	1.000 (25.40)	2.000 (50.80)	160

BMP®51 and BMP®53 General Identification Material:

B-428 Metallized Polyester Material

Create serial or rating plates with barcodes, graphics and more. Has a metal looking finish.

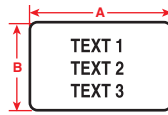


Figure 29

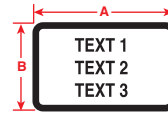


Figure 46
(includes black border)



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 46	M-24-428-BB	B-428	Metallized Polyester	BK on SV	1.130 (28.70)	0.500 (12.70)	360
Fig. 29	M-29-428	B-428	Metallized Polyester	BK on SV	1.500 (38.10)	0.500 (12.70)	360
Fig. 29	M-30-428	B-428	Metallized Polyester	BK on SV	1.500 (38.10)	0.750 (19.10)	260
Fig. 29	M-20-428	B-428	Metallized Polyester	BK on SV	2.000 (50.80)	1.000 (25.40)	80

BMP®51 and BMP®53 General Identification Material:

B-422 Gloss Polyester Material

Ideal for marking texturized or rough surfaces. Available in die-cut pieces or continuous cut to length labels.

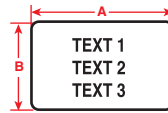


Figure 29

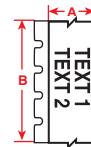


Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 33	MC-375-422	B-422	Polyester	BK on WT	0.375 (9.53)	25 ft. (7.60 m)	1 roll (cont.)
Fig. 33	MC-475-422	B-422	Polyester	BK on WT	0.475 (12.07)	25 ft. (7.60 m)	1 roll (cont.)
Fig. 29	M-7-422	B-422	Polyester	BK on WT	0.500 (12.70)	0.500 (12.70)	280
Fig. 33	MC-500-422	B-422	Polyester	BK on WT	0.500 (12.70)	25 ft. (7.60 m)	1 roll (cont.)
Fig. 29	M-17-422	B-422	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-19-422	B-422	Polyester	BK on WT	1.000 (25.40)	1.000 (25.40)	200
Fig. 33	MC-1000-422	B-422	Polyester	BK on WT	1.000 (25.40)	25 ft. (7.60 m)	1 roll (cont.)
Fig. 29	M-30-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.750 (19.05)	200
Fig. 29	M-29-422	B-422	Polyester	BK on WT	1.500 (38.10)	0.500 (12.70)	360

BMP®51 and BMP®53 General Identification Material:

B-483 Ultra Aggressive Polyester Material

Adheres to difficult low-surface energy items such as PVC piping, power coated surfaces, blow-molded equipment cases, ABS and recycled plastics.

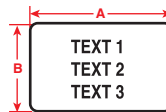


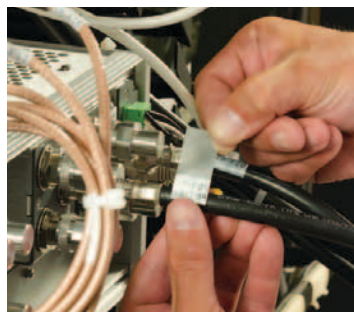
Figure 29



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
Fig. 29	M-17-483	B-483	Polyester	BK on WT	1.000 (25.40)	0.500 (12.70)	360
Fig. 29	M-20-483	B-483	Polyester	BK on WT	2.000 (50.80)	1.000 (25.40)	80
Fig. 29	M-61-483	B-483	Polyester	BK on WT	2.000 (50.80)	0.500 (12.70)	80

Get the job done for less with a Brady Starter Kit.

Save 10% versus purchasing each part separately!



* BMP51 kit shown.

Voice / Data Communications Starter Kit

Everything you need to get started with your voice/data labeling. Kit includes:

- Hard case, USB cable and AC power supply
- Self-laminating cable markers (M-21-427)
- Port, faceplate and general ID labels (M-30-422)
- Non-adhesive slide-in strips for punch blocks (MC-475-412)
- Rack and panel labels (MC-1000-595-YL-BK)
- 1.5" White label roll for general ID (MC-1500-595-WT-BK)

Catalog #	Description
75447370841	Kit with BMP51 Label Printer and Li-Ion Battery
66282098154	Kit with BMP53 Label Printer and LabelMark™ 5 Software



* BMP53 kit shown.

Electrical Starter Kit

This kit includes a variety of wire and cable marking materials, as well as continuous tape for panel identification. Kit includes:

- Hard case, USB cable and AC power supply
- Self-laminating wire markers (M-103-427)
- Wrap around wire markers (M-18-498)
- PermaSleeve® PS heat shrink wire markers (M-187-1-342)
- Panel identification labels (MC-1500-595-OR-BK)
- 1.5" White label roll for general ID (MC-1500-595-WT-BK)

Catalog #	Description
75447370842	Kit with BMP51 Label Printer and Li-Ion Battery
66282098155	Kit with BMP53 Label Printer and LabelMark™ 5 Software



* BMP51 kit shown.

Facility Identification Starter Kit

Kit includes a variety of our durable indoor/outdoor vinyl tapes. Kit includes:

- Hard case, USB cable and AC power supply
- 1.5" Yellow label roll with black ribbon (MC-1500-595-YL-BK)
- 1.5" White label roll with red ribbon (MC-1500-595-WT-RD)
- 1.5" Green label roll with white ribbon (MC-1500-595-GN-WT)
- 1.5" White label roll with black ribbon (MC-1500-595-WT-BK)
- 2" x 1" labels for low surface energy labeling (M-20-483)

Catalog #	Description
75447370843	Kit with BMP51 Label Printer and Li-Ion Battery
66282098156	Kit with BMP53 Label Printer and LabelMark™ 5 Software



* BMP53 kit shown.

Lab Identification Starter Kit

Accurately identify and track samples in your lab with this lab ID starter kit. Kit includes:

- Hard case, USB cable and AC power supply
- Vial & tube labels (M-156-492)
- Microplate labels (M-81-488)
- Top & side label set for vials & tubes (M-120-492)
- Removable diecut labels for bottles, beakers, etc. (M-103-498)
- 1.5" White label roll for general ID (MC-1500-595-WT-BK)

Catalog #	Description
75447370844	Kit with BMP51 Label Printer and Li-Ion Battery
66282098157	Kit with BMP53 Label Printer and LabelMark™ 5 Software

TLS 2200® Thermal Label Printer

www.BradyID.com/tls2200



TLS2200®
THERMAL LABELING SYSTEM

Brady's TLS2200® Thermal Label Printer is a rugged, portable, and easy-to-use labeling solution. With crisp, thermal-transfer quality printing and a variety of durable materials, you can create custom labels for the most demanding applications including product barcode ID, electrical and datacomm marking, laboratory ID, security ID, and more.

- Permanent, Quick, Crisp Labels
- Built-in Electrical and Voice/Data Symbols
- Autotext Sizing TLS 2200® reads your label size and style, selects the most suitable type size, and instantly registers it for printing
- Variable Font Sizes from 1 (4 pt) to 19 (72 pt)

Online Video!

Visit www.BradyID.com/tls2200 or scan this code for more information or to view an online printer demo video.

Your Complete Printing Solution:

TLS 2200 Material Rolls.....Page 38
TLS 2200 Print Ribbons.....Page 67

Part Number	Description
TLS2200	Printer*
113340	Printer* with Brady@360 Plan
TLS2200-AC	AC Power Supply
TLSTM-QUICKCH	Battery Quick Charger

*Printer purchase includes hard case, battery pack, battery charger, test labels (PTL-19-423), R6210 ribbon, cleaning strip, communications cable, manual, Quick Start Guide and 1 year Limited Warranty.



Brady 360® Replacement Printer Plan

supplements the Limited Warranty already included with your printer purchase. This Replacement Plan allows you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

*Printheads are covered. *Limit of two printers in the first 12 months of initial purchase.

TLS 2200 Printer Specifications

Max Labels Per Day	750 labels/day
Print Resolution	203 dpi
Print Technology	Thermal Transfer
Print Speed	12 mm/sec (0.47 in/sec)
Tape Widths (in)	Various sizes from 0.25" to 2.00"
Tape Widths (mm)	Various sizes from 6.4 to 50.8 mm
Max Label Width	2.00" (50.8mm)
Max Print Width	1.810" (46.0mm)
Memory	21,000 characters
Materials Supported	Continuous, Die Cut, Bulk, Over 500 Stock Parts and Custom
Continuous vs Die Cut Labels	Continuous and die cut labels
PC Connectivity	Yes
Software Compatibility	LabelMark™ / CodeSoft™ Software
Data Transfer from PC to printer	No
Wireless Connectivity	No
Stand Alone Printing	Yes
Connectivity Options	Serial
Color Capability	Single Color Printing
Keyboard	ABC
Backlit Screen	No
Text Sizes	1 to 19 (4 to 72 point)
Multi-Line Print	Yes
Print Rotation	Yes
Serialization	Yes
Barcode	128, IFT 25, Codabar
Symbols	44 on keypad
Portability	Yes
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length
Applications	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking
Power Supply	Rechargeable Battery, AC Power (optional)
Weight	2.75 lbs (1.25kg)
Warranty	12 months - See Terms and Conditions



Create Custom Labels In Seconds



Wire & Cable Labeling



Voice & Data Communications



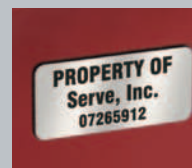
Industrial Barcode Labels



Asset ID



Circuit Board Materials



General ID
...and many more!

TLS PC Link™ Thermal Labeling System

www.BradyID.com/tls2200

TLS 2200 Printer Specifications

Max Labels Per Day	750 labels/day
Print Resolution	203 dpi
Print Technology	Thermal Transfer
Print Speed	12 mm/sec (0.47 in/sec)
Tape Widths (in)	Various sizes from 0.25" to 2.00"
Tape Widths (mm)	Various sizes from 6.4 to 50.8 mm
Max Label Width	2.00" (50.8mm)
Max Print Width	1.810" (46.0mm)
Memory	None
Materials Supported	Continuous, Die Cut, Bulk, Over 500 Stock Parts and Custom
Continuous vs Die Cut Labels	Continuous and die cut labels
PC Connectivity	Yes
Software Compatibility	LabelMark™ / CodeSoft™ Software
Data Transfer from PC to printer	No
Wireless Connectivity	No
Stand Alone Printing	Yes
Connectivity Options	Serial
Color Capability	Single Color Printing
Keyboard	None
Backlit Screen	No
Text Sizes	1 to 19 (4 to 72 point)
Multi-Line Print	Yes
Print Rotation	Yes
Serialization	Yes
Barcode	128, IFT 25, Codabar
Symbols	LabelMark Supported Symbols
Portability	No
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length
Applications	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking
Power Supply	Rechargeable Battery, AC Power (optional)
Weight	2.5 lbs (1.13kg)
Warranty	12 months - See Terms and Conditions

Use the power of your PC for more versatile labeling options.

The Brady TLS PC Link™ thermal labeling system is the best value desktop printing system. The small footprint and lightweight, rugged design makes it a nice fit for a variety of medium volume (approximately 500 labels per print run) applications. It connects to a PC for use with LabelMark™ software (included) or other Windows based programs.

The same basic design as the TLS 2200® allows you to utilize the same consumables (including bulk rolls) in both the TLS 2200 and the TLS PC Link.

Smart-Cell Technology makes printing fast and easy. No calibration is required since the printer automatically formats the label. In addition, the printer has its own printer control language allowing the unit to be integrated with other PC controlled equipment.



Your Complete Printing Solution:

TLS 2200 Material Rolls.....Page 38
 TLS 2200 Print Ribbons.....Page 67

Catalog Number	Description
TLSPC	TLS PC Link Thermal Labeling System*
TLSPC-AC	Replacement power supply/battery charger
TLSPC-BP	Rechargeable battery pack
TLSPC-CABLE	Communications cable
PCK-5	Cleaning Kit (includes 5 cleaning cards)

*Includes LabelMark™ labeling software, rechargeable battery pack, power supply/battery charger, R6210 ribbon, sample labels (PTL-19-423), Quick Start Guide, manuals, communications cable, Windows drivers and 1 year Limited Warranty.

Versatile Material Options

Uses all of the available TLS 2200 printer materials and ribbons, including bulk roll material.

LabelMark™ Software Included

Easy-to-use LabelMark™ Labeling Software is included with your TLS-PC Link.

Windows™ Driver Included

This driver allows you to easily print labels from either Brady labeling software solution.



Did You Know?

Bulk materials are designed for the TLS 2200 and TLS PC Link thermal labeling systems to save customers money, and provide the perfect low volume* labeling solution.

A reusable dispenser box protects materials from dust and debris and allows easy storage until the next identification job.

Watch for catalog numbers that begin with "B". This indicates materials rolls that are "Bulk" Materials.

* TLS 2200 and TLS PC Link printers are recommended for printing 500 or less labels per print run. Printer slowdown is possible if printing large quantities of labels at one time depending on the material, label size and amount of print coverage.



TLS 2200® General ID Materials

www.BradyID.com/tls2200



TLS 2200® General Identification 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, equipment, floors, walls, racks and more.

Brady's industrial materials are made to stick and stay stuck - so you can create facility and safety identification once, knowing it will still be there years down the line.

Printer Compatibility

All general identification materials on the following pages are only compatible with:



TLS 2200® Label Printer

See Page 36



TLS PC Link™ Printer

See Page 37



TLS 2200® General Identification Materials:

B-422 Polyester Material

Color: White Finish: Gloss

White label 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, and asset and inventory tracking.

Performance Attributes:

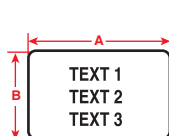


Figure 29

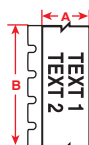


Figure 33

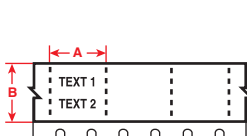


Figure 34

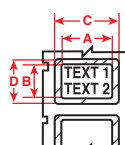


Figure 40

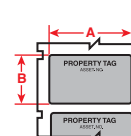


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 34	PTL-39-422	B-422	Polyester	White	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 33	PTL-46-422	B-422	Polyester	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-422	B-422	Polyester	White	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-422	B-422	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-5-422	B-422	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 33	PTL-8-422	B-422	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-422	B-422	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-422	B-422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	BPTL-20-422	B-422	Polyester	White	1.000 (25.4)	2.000 (50.8)	1	1000	R6010
Fig. 29	PTL-19-422	B-422	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-422	B-422	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 40	PTPSL-17-422	B-422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-29-422	B-422	Polyester	White	1.050 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-422	B-422	Polyester	White	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-30-422	B-422	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-32-422	B-422	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-422-PROP	B-422	Polyester	Gray	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 33	PTL-43-422	B-422	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-422	B-422	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 40	PTPSL-20-422	B-422	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 40	PTPSL-26-422	B-422	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-422	B-422	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-422	B-422	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 40	PTPSL-50-422	B-422	Polyester	White	3.000 (76.2)	1.650 (41.9)	1	100	R6010
Fig. 29	PTL-23-422	B-422	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-422	B-422	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.
 TLS2200® Printer Ribbons on page 67.
 Full Material Properties on page 187.



TLS 2200® General Identification Materials:

B-423 Polyester Material

Color: White Finish: Gloss

White polyester thermal transfer label 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:

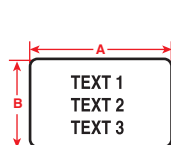


Figure 29

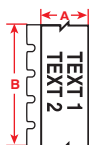


Figure 33

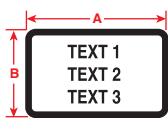


Figure 46
(Includes black border)

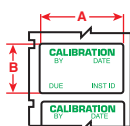


Figure 51

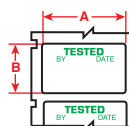


Figure 52

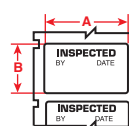


Figure 53

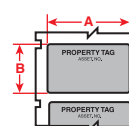


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-423	B-423	Polyester	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-423	B-423	Polyester	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-423	B-423	Polyester	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	BPTL-7-423	B-423	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	5000	R6010
Fig. 29	PTL-5-423	B-423	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 53	PTL-6-423	B-423	Polyester	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-7-423	B-423	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-8-423	B-423	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-9-423	B-423	Polyester	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-423	B-423	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-423	B-423	Polyester	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	BPTL-16-423	B-423	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	5000	R6010
Fig. 29	BPTL-17-423	B-423	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	5000	R6010
Fig. 29	BPTL-19-423	B-423	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	2500	R6010
Fig. 29	BPTL-20-423	B-423	Polyester	White	1.000 (25.4)	2.000 (50.8)	1	1000	R6010
Fig. 29	PTL-14-423	B-423	Polyester	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-15-423	B-423	Polyester	White	1.000 (25.4)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-16-423	B-423	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-423	B-423	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-423	B-423	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 46	PTL-24-423-BK	B-423	Polyester	White	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-423	B-423	Polyester	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	BPTL-29-423	B-423	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	5000	R6010
Fig. 29	PTL-27-423	B-423	Polyester	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-423	B-423	Polyester	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-29-423	B-423	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 51	PTL-30-423-CALI	B-423	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 53	PTL-30-423-INSPI	B-423	Polyester	Black on White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 52	PTL-30-423-TEST	B-423	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-423	B-423	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-423	B-423	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-423-PROP	B-423	Polyester	Black on Silver	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-423	B-423	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-2-423	B-423	Polyester	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010
Fig. 29	PTL-26-423	B-423	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-423	B-423	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-423	B-423	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-423	B-423	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-423	B-423	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

TLS 2200® General ID Materials

www.BradyID.com/tls2200

TLS 2200® General Identification Materials:

B-424 Paper Material

Color: White Finish: Matte

White paper material with matte 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.

Performance Attributes: 

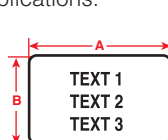


Figure 29

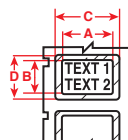


Figure 40



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-80-424	B-424	Paper	White	0.750 (19.1)	0.900 (22.9)	1	250	R4310
Fig. 29	BPTL-20-424	B-424	Paper	White	1.000 (25.4)	2.000 (50.8)	1	1000	R4310
Fig. 40	PTPSL-17-424	B-424	Paper	White	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-20-424	B-424	Paper	White	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 40	PTPSL-20-424	B-424	Paper	White	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-22-424	B-424	Paper	White	3.000 (76.2)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-424	B-424	Paper	White	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 29	PTL-38-424	B-424	Paper	White	4.000 (101.6)	1.900 (48.3)	1	100	R4310

TLS 2200® General Identification Materials:

B-425 Polypropylene Material

Color: White Finish: Matte

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

Performance Attributes:   

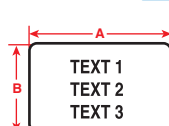


Figure 29

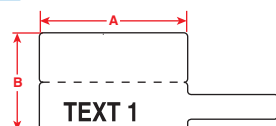


Figure 47

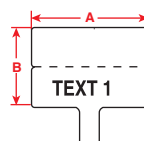


Figure 48



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-425	B-425	Polypropylene	White	0.750 (19.1)	0.250 (6.4)	1	750	R6210
Fig. 47	PTLFP-01-425	B-425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 48	PTLFT-01-425	B-425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 47	PTLFP-02-425	B-425	Polypropylene	White	1.750 (44.5)	1.000 (25.4)	1	100	R6210



Did You Know? LabelMark™ Labeling Software

LabelMark™ 5 Standard Software offers a variety of new tools and features for data management, label design and label printing and are all available for use with the TLS 2200® and TLS PC Link™ printers.

- Quickly create, view, and print with easy editing features
- Edit, view, and import data for multiple labels at once
- Quick printing with Brady printers and label materials

For more information, visit www.BradyID.com/labelmark.



View the Material Brands & Attributes Guide on page 4.
TLS2200® Printer Ribbons on page 67.
Full Material Properties on page 187.



TLS 2200® General Identification Materials:

B-430 Polyester Material

Color: Clear Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Non-colored material with permanent adhesive. Good for general purpose thermal transfer printing.

Performance Attributes:

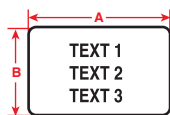


Figure 29



Figure 33

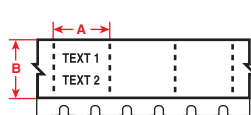


Figure 34

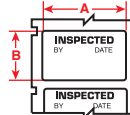


Figure 53



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-68-430	B-430	Polyester	Clear	0.240 (6.1)	0.150 (3.8)	1	750	R6010
Fig. 29	PTL-70-430	B-430	Polyester	Clear	0.240 (6.1)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-69-430	B-430	Polyester	Clear	0.350 (8.9)	0.150 (3.8)	1	750	R6010
Fig. 29	PTL-71-430	B-430	Polyester	Clear	0.350 (8.9)	0.200 (5.1)	1	750	R6010
Fig. 33	PTL-46-430	B-430	Polyester	Clear	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 34	PTL-39-430	B-430	Polyester	Clear	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 29	PTL-44-430	B-430	Polyester	Clear	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-430	B-430	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 53	PTL-6-430	B-430	Polyester	Clear	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 33	PTL-8-430	B-430	Polyester	Clear	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-85-430	B-430	Polyester	Clear	0.740 (18.8)	0.240 (6.1)	1	750	R6010
Fig. 29	PTL-99-430	B-430	Polyester	Clear	0.740 (18.8)	0.320 (8.1)	1	750	R6010
Fig. 29	PTL-16-430	B-430	Polyester	Clear	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-430	B-430	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-42-430	B-430	Polyester	Clear	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-45-430	B-430	Polyester	Clear	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-29-430	B-430	Polyester	Clear	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-28-430	B-430	Polyester	Clear	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 33	PTL-43-430	B-430	Polyester	Clear	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010



TLS 2200® General Identification Materials:

B-432 Polyester Material

Color: Clear Finish: Gloss

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

Performance Attributes:

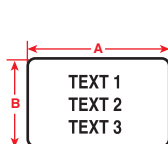


Figure 29

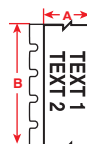


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-432	B-432	Polyester	Clear	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-7-432	B-432	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-8-432	B-432	Polyester	Clear	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-10-432	B-432	Polyester	Clear	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-11-432	B-432	Polyester	Clear	0.750 (19.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-17-432	B-432	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-42-432	B-432	Polyester	Clear	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-100-432	B-432	Polyester	Clear	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-432	B-432	Polyester	Clear	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010

TLS 2200® General ID Materials

www.BradyID.com/tls2200



TLS 2200® General Identification Materials:

B-439 Vinyl Material

Color: Various Finish: Matte

Colored vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labeling. Available in white, silver, gold, purple, yellow, orange, green, light blue and black.

Performance Attributes:

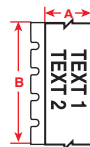


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-8-439	B-439	Vinyl	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439	B-439	Vinyl	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439	B-439	Vinyl	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-YL	B-439	Vinyl	Yellow	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-YL	B-439	Vinyl	Yellow	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-YL	B-439	Vinyl	Yellow	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-BK	B-439	Vinyl	Black	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-42-439-BK	B-439	Vinyl	Black	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-43-439-BK	B-439	Vinyl	Black	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-8-439-BL	B-439	Vinyl	Blue	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-42-439-BL	B-439	Vinyl	Blue	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-43-439-BL	B-439	Vinyl	Blue	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-8-439-GR	B-439	Vinyl	Green	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-GR	B-439	Vinyl	Green	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-GR	B-439	Vinyl	Green	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-OR	B-439	Vinyl	Orange	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-OR	B-439	Vinyl	Orange	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-OR	B-439	Vinyl	Orange	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-RD	B-439	Vinyl	Red	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-RD	B-439	Vinyl	Red	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-RD	B-439	Vinyl	Red	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010



TLS 2200® General Identification Materials:

B-449 Polypropylene Material

Color: White Finish: Matte

White polypropylene material with matte/opaque 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:

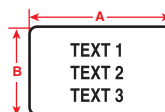


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-449	B-449	Polypropylene	White	1.000 (25.4)	0.500 (12.7)	1	500	R6210

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View the Material Brands & Attributes Guide on page 4.
TLS2200® Printer Ribbons on page 67.
Full Material Properties on page 187.



TLS 2200® General Identification Materials:

B-459 Polyester Material

Color: White Finish: Matte

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

Performance Attributes:

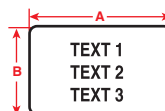


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-29-459	B-459	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-459	B-459	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-459	B-459	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-26-459	B-459	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-459	B-459	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-459	B-459	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-459	B-459	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010



TLS 2200® General Identification Materials:

B-483 Polyester Material

Color: White Finish: Gloss

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

Performance Attributes:

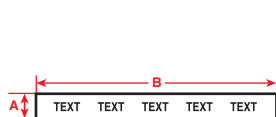


Figure 28

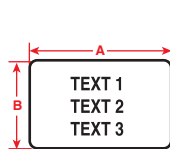


Figure 29



Figure 33

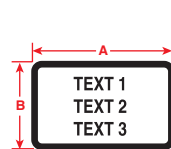


Figure 46
(Includes black border)

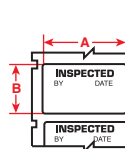


Figure 53

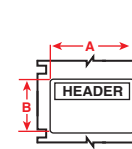


Figure 72
(Includes pre-printed header)

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	B-483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-483	B-483	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-483	B-483	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-483	B-483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-483	B-483	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-483	B-483	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 46	PTL-24-483-BK	B-483	Polyester	White	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-100-483	B-483	Polyester	White	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-65-483	B-483	Polyester	White	1.375 (34.9)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-483	B-483	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-483	B-483	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-483	B-483	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-483	B-483	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 33	PTL-43-483	B-483	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-483	B-483	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 28	PTL-61-483	B-483	Polyester	White	2.000 (50.8)	0.500 (12.7)	1	100	R6010
Fig. 29	PTL-37-483	B-483	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-37-483-DANGER	B-483	Polyester	Red on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-37-483-WARNING	B-483	Polyester	Orange/Black on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-483	B-483	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 72	PTL-38-483-DANGER	B-483	Polyester	Red on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-38-483-WARNING	B-483	Polyester	Orange/Black on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 53	PTL-62-483	B-483	Polyester	White	4.000 (101.6)	0.750 (19.1)	1	50	R6010
Fig. 53	PTL-63-483	B-483	Polyester	White	4.000 (101.6)	0.750 (19.1)	1	50	R6010

Color: White **Finish: Matte**

 **BRADY**
WHEN PERFORMANCE MATTERS MOST

6555 W Good Hope Rd
Milwaukee, WI 53223
800-537-8791

PART NO

53657468204d696c6c6572

SERIAL NO

4d61726b2042726f756368



Color: White **Finish: Matte**

A close-up photograph showing a person's hands interacting with a laptop. The left hand is positioned on a black computer mouse, while the right hand is typing on the laptop's keyboard. The laptop is silver and partially open. The background is a plain, light-colored surface.



TLS 2200® General Identification Materials:

B-498 Repositionable Vinyl Cloth Material

Color: White Finish: Semi-Gloss

Repositionable vinyl cloth material for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

Performance Attributes:

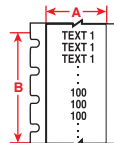


Figure 30

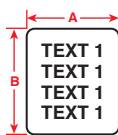


Figure 31

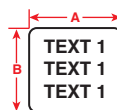


Figure 37



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 31	PTL-10-498	B-498	Vinyl	White	0.250 (6.4)	0.750 (19.1)	16 to 10	1	750	R6210
Fig. 31	PTL-28-498	B-498	Vinyl	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R6210
Fig. 30	PTLTB-498-318	B-498	Vinyl	White	0.318 (8.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 31	PTL-16-498	B-498	Vinyl	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R6210
Fig. 31	BPTL-11-498	B-498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R6210
Fig. 31	BPTL-29-498	B-498	Vinyl	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	5000	R6210
Fig. 31	PTL-11-498	B-498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R6210
Fig. 37	PTL-7-498	B-498	Vinyl	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R6210
Fig. 31	BPTL-18-498	B-498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 31	PTL-18-498	B-498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-30-498	B-498	Vinyl	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	BPTL-19-498	B-498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 37	PTL-15-498	B-498	Vinyl	White	1.000 (25.4)	0.275 (7.0)	22 to 16	1	750	R6210
Fig. 37	PTL-17-498	B-498	Vinyl	White	1.000 (25.4)	0.500 (12.7)	12 to 10	1	500	R6210
Fig. 37	PTL-19-498	B-498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-21-498	B-498	Vinyl	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R6210
Fig. 31	PTL-23-498	B-498	Vinyl	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-31-498	B-498	Vinyl	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	PTL-32-498	B-498	Vinyl	White	1.500 (38.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 31	PTL-33-498	B-498	Vinyl	White	1.500 (38.1)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-34-498	B-498	Vinyl	White	1.500 (38.1)	6.000 (152.4)	Cables	1	50	R6210

TLS 2200® General Identification Materials:

B-8425 Polypropylene Material

Color: White Finish: Gloss

White polypropylene material with glossy finish. An economical alternative to B-425. Designed for general purpose labeling, asset identification, rating plate and warning/instructional labeling.

Performance Attributes:

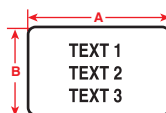


Figure 29

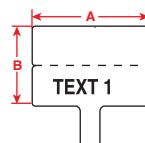


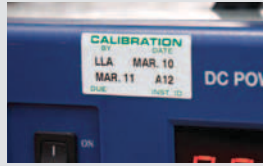
Figure 48



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-8425	B-8425	Polypropylene	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 48	PTLFT-01-8425	B-8425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6010

TLS 2200® Asset Tracking Materials

www.BradyID.com/tls2200



Printer Compatibility

All asset tracking materials on the following pages are only compatible with:



TLS 2200® Label Printer

See Page 36

TLS PC Link™ Printer

See Page 37

TLS 2200® Asset Tracking Materials

Brady's line of Asset Tracking Materials are designed to help businesses identify assets and property from tools and warehouse equipment to office furniture and computers.

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



TLS 2200® Asset Tracking Materials:

B-428 Polyester Material
Color: Silver Metallic Finish: Matte

Metallized polyester with matte finish withstands solvents and variable temps. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.

Performance Attributes:

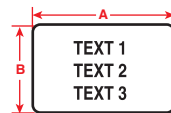


Figure 29

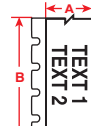


Figure 33

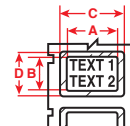


Figure 40

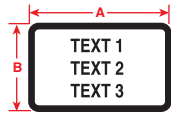


Figure 46

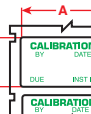


Figure 51

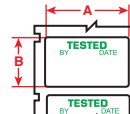


Figure 52

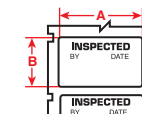


Figure 53

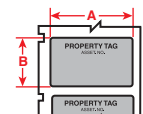


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Row	Labels/Pkg	Rec. Ribbon
Fig. 33	PTL-8-428	B-428	Polyester	Silver	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	BPTL-17-428	B-428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	5000	R4310
Fig. 29	BPTL-20-428	B-428	Polyester	Silver	1.000 (25.4)	2.000 (50.8)	1	1000	R4310
Fig. 29	PTL-15-428	B-428	Polyester	Silver	1.000 (25.4)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-17-428	B-428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 40	PTPSL-17-428	B-428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 46	PTL-24-428-BK	B-428	Polyester	Silver	1.130 (28.7)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-29-428	B-428	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 51	PTL-30-428-CALI	B-428	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 53	PTL-30-428-INSP	B-428	Polyester	Black on White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 52	PTL-30-428-TEST	B-428	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 54	PTL-35-428-PROP	B-428	Polyester	Silver	1.630 (41.4)	0.750 (19.1)	1	250	R4310
Fig. 29	PTL-20-428	B-428	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 40	PTPSL-20-428	B-428	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-26-428	B-428	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	1	100	R4310
Fig. 40	PTPSL-26-428	B-428	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	1	100	R4310
Fig. 29	PTL-22-428	B-428	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-428	B-428	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 40	PTPSL-50-428	B-428	Polyester	Silver	3.000 (76.2)	1.650 (41.9)	1	100	R4310
Fig. 29	PTL-38-428	B-428	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R4310



TLS 2200® Asset Tracking Materials:

B-435 Polyester Material

Color: Silver Metallic Finish: Gloss

Metallized polyester with glossy finish withstands numerous solvents and variable temps. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.

Performance Attributes:

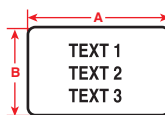


Figure 29

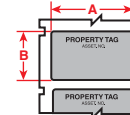


Figure 54



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Row	Labels/Pkg	Rec. Ribbon
Fig. 29	PTL-16-435	B-435	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-435	B-435	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-435	B-435	Polyester	Silver	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-435	B-435	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-435	B-435	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-435	B-435	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-435	B-435	Polyester	Silver	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-435-PROP	B-435	Polyester	Silver	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-435	B-435	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-435	B-435	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-435	B-435	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

TLS 2200® Asset Tracking Materials

www.BradyID.com/tls2200



TLS 2200® Asset Tracking Materials:

B-483 Polyester Material

Color: White Finish: Gloss

White polyester with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.

Performance Attributes:



Figure 28

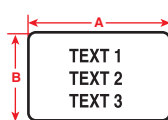


Figure 29



Figure 33

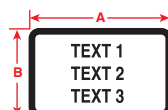


Figure 46

(Includes black border)

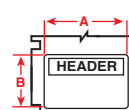


Figure 72

(Includes pre-printed header)



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	B-483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-483	B-483	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-483	B-483	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-483	B-483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-483	B-483	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-483	B-483	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 46	PTL-24-483-BK	B-483	Polyester	Black border	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-100-483	B-483	Polyester	White	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-65-483	B-483	Polyester	White	1.375 (34.9)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-483	B-483	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-483	B-483	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-483	B-483	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-483	B-483	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 33	PTL-43-483	B-483	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-483	B-483	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 28	PTL-61-483	B-483	Polyester	White	2.000 (50.8)	0.500 (12.7)	1	100	R6010
Fig. 29	PTL-37-483	B-483	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-37-483-DANGER	B-483	Polyester	Red on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-37-483-WARNING	B-483	Polyester	Orange/Black on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-483	B-483	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 72	PTL-38-483-DANGER	B-483	Polyester	Red on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 72	PTL-38-483-WARNING	483	Polyester	Orange/Black on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010



TLS 2200® Asset Tracking Materials:

B-486 Polyester Material

Color: Silver Metallic Finish: Matte

Metallized polyester material designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics. Withstands numerous solvents and variable temps.

Performance Attributes:

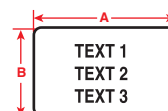


Figure 29

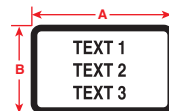


Figure 46

(Includes black border)



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-16-486	B-486	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-486	B-486	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-19-486	B-486	Polyester	Silver	1.000 (25.4)	1.000 (25.4)	1	250	R4310
Fig. 46	PTL-24-486-BK	B-486	Polyester	Silver/Black Border	1.130 (28.7)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-29-486	B-486	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-30-486	B-486	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 29	PTL-31-486	B-486	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R4310
Fig. 29	PTL-32-486	B-486	Polyester	Silver	1.500 (38.1)	1.500 (38.1)	1	250	R4310
Fig. 29	PTL-20-486	B-486	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-486	B-486	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 29	PTL-38-486	B-486	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-486	B-486	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R4310

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

1-888-272-3946 | www.BradyID.com

TLS 2200® Raised Panel Materials

www.BradyID.com/tls2200



TLS 2200® Raised Panel Material

Brady's Raised Panel Material is a foam-backed polyester material with an aggressive, permanent adhesive. Thicker and more durable than a normal material, Raised Panel Material is a cost-effective alternative to engraved legend plates. They can be used to identify industrial control panels, patch panels and other indoor components, as well as outdoor electrical boxes, instrument panels and more.

With Brady's print solutions, you can now create your instrument panel labels in real time with technology that you already have in your facility - a much more practical and customizable option than traditional legend plates.

Printer Compatibility

All raised panel parts shown on the following pages are only compatible with:



**TLS 2200®
Label Printer**

See Page 36



**TLS PC Link™
Printer**

See Page 37

TLS 2200® Rectangular Raised Panel Materials:

B-593 Foam Backed Polyester Material

Color: White, Black, Red, Yellow, Green, Silver

Finish: Gloss

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Can be printed with alphanumerics for use as rating and serial plates. Available in white, black, yellow, red, green and silver.

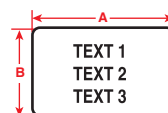


Figure 29



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTLEP-171-593	B-593	Polyester	White	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-173-593	B-593	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-176-593	B-593	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-174-593	B-593	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-171-593-YL	B-593	Polyester	Yellow	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-173-593-YL	B-593	Polyester	Yellow	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-176-593-YL	B-593	Polyester	Yellow	3.000 (76.2)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-174-593-YL	B-593	Polyester	Yellow	4.000 (101.6)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-171-593-BK	B-593	Polyester	Black	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-173-593-BK	B-593	Polyester	Black	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-176-593-BK	B-593	Polyester	Black	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-BK	B-593	Polyester	Black	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-171-593-GN	B-593	Polyester	Green	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-173-593-GN	B-593	Polyester	Green	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-176-593-GN	B-593	Polyester	Green	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-GN	B-593	Polyester	Green	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-171-593-RD	B-593	Polyester	Red	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-173-593-RD	B-593	Polyester	Red	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-176-593-RD	B-593	Polyester	Red	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-RD	B-593	Polyester	Red	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-171-593-SL	B-593	Polyester	Silver	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-173-593-SL	B-593	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-174-593-SL	B-593	Polyester	Silver	4.000 (101.6)	1.000 (25.4)	1	50	R6010

B-593 Raised Panel - Proven Outdoor Durability

We tested our B-593 Raised Panel Material using the Atlas Ci5000 Weather-Ometer®, the industry's artificial and accelerated weather testing system.

The material was exposed to controlled cycles of Xenon Arc light and water spray to simulate the natural conditions of sun, rain and temperature changes. Based on internal test results, 800 hours in the Weather-Ometer is equivalent to approximately 1 year of outdoor exposure in Wisconsin.



The white label in this photo was tested for 9,100 hours...the equivalent of 11 years outdoors!

** Information gathered through Brady's internal product testing conducted at our Tobey Research and Innovation Center by Brady Engineers. Individual test results may differ.*

Weather-Ometer® is a registered trademark belonging to Atlas Material Testing Solutions, L.L.C.

Outdoor Durability Chart

Label Color	Ribbon	Est. Outdoor Durability
White	R6000	10 Years
Yellow	R6000	5 Years
Silver	R6000	5 Years
Green	R6000	5 Years
Red	R6000	5 Years
Red	R4400-WT	3 Years
Black	R4400-WT	3 Years
Green	R4400-WT	3 Years

Suggested Indoor and Outdoor Applications:

- Industrial control panels
- Electrical boxes and instrument panels
- Signal lights and motor controls
- Push buttons

TLS 2200® Raised Panel Push Button Materials:

B-593 Foam Backed Polyester Material

Color: White, Black, Red, Yellow, Green, Silver

Finish: Gloss

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Can be printed with alphanumerics for use as rating and serial plates. Available in white, black, yellow, red, green and silver.

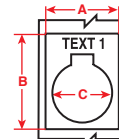


Figure 49



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Dia. Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 49	PTLEP-167-593	B-593	Polyester	White	1.200 (30.5)	1.500 (38.1)	0.885 (22.5)	1	100	R6010
Fig. 49	PTLEP-168-593	B-593	Polyester	White	1.200 (30.5)	1.900 (48.3)	0.885 (22.5)	1	100	R6010
Fig. 49	PTLEP-169-593	B-593	Polyester	White	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R6010
Fig. 49	PTLEP-167-593-YL	B-593	Polyester	Yellow	1.200 (30.5)	1.500 (38.1)	0.885 (22.5)	1	100	R6010
Fig. 49	PTLEP-168-593-YL	B-593	Polyester	Yellow	1.200 (30.5)	1.900 (48.3)	0.885 (22.5)	1	100	R6010
Fig. 49	PTLEP-169-593-YL	B-593	Polyester	Yellow	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R6010
Fig. 49	PTLEP-167-593-BK	B-593	Polyester	Black	1.200 (30.5)	1.500 (38.1)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-BK	B-593	Polyester	Black	1.200 (30.5)	1.900 (48.3)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-BK	B-593	Polyester	Black	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT
Fig. 49	PTLEP-167-593-GN	B-593	Polyester	Green	1.200 (30.5)	1.500 (38.1)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-GN	B-593	Polyester	Green	1.200 (30.5)	1.900 (48.3)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-GN	B-593	Polyester	Green	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT
Fig. 49	PTLEP-167-593-RD	B-593	Polyester	Red	1.200 (30.5)	1.500 (38.1)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-RD	B-593	Polyester	Red	1.200 (30.5)	1.900 (48.3)	0.885 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-RD	B-593	Polyester	Red	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT



Do You Need Emergency Stop Labels?

Brady offers raised panel labels pre-printed with "Emergency Stop" as well as specially sized overlaminates for rectangular or push button style raised panel labels. View page 139 for more information.



TLS 2200® Circuit Board Materials

www.BradyID.com/tls2200



Printer Compatibility

All circuit board parts shown on the following pages are only compatible with:



TLS 2200® Label Printer

See Page 36



TLS PC Link™ Printer

See Page 37

TLS 2200® Circuit Board Materials

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



TLS 2200® Circuit Board Materials:

B-426 Polyimide Material

Color: Amber Finish: Matte

Amber polyimide with matte finish and permanent adhesive. Used for printed circuit board and electronic component preprocess labeling. When used with R4300 ribbon, fulfills requirements of: MIL-PRF-55110G General Specification for Printed Wiring Boards, MIL-STD-202G, Notice 12, Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

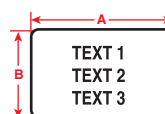


Figure 29



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-426	B-426	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-3-426	B-426	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-4-426	B-426	Polyimide	Amber	0.400 (10.6)	0.400 (10.2)	1	500	R4310
Fig. 29	PTL-6-426	B-426	Polyimide	Amber	0.500 (12.7)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-9-426	B-426	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	1	750	R4310
Fig. 29	PTL-10-426	B-426	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-13-426	B-426	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-16-426	B-426	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-426	B-426	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-25-426	B-426	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-27-426	B-426	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	1	750	R4310
Fig. 29	PTL-28-426	B-426	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-2-426	B-426	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	1	100	R4310



TLS 2200® Circuit Board Materials:

B-457 Polyimide Material

Color: White Finish: Gloss

High temperature performance, white polyimide material with glossy finish and permanent adhesive. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. In combination with the R6010 ribbon, it passes the requirements of MIL-STD-202G, Notice 12, Method 215K. Can be used with auto dispense machines.

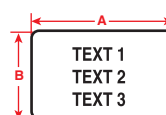


Figure 29



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-457	B-457	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-457	B-457	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-457	B-457	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-457	B-457	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-457	B-457	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-457	B-457	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-457	B-457	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-457	B-457	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-457	B-457	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-25-457	B-457	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-457	B-457	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-457	B-457	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-457	B-457	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.



TLS 2200® Circuit Board Materials:

B-473 Electrostatic Dissipative Polyester Material

Color: Clear Finish: Gloss

White polyester with glossy finish used for printed circuit board and electronic component post-process labeling. Features a permanent static dissipative adhesive and a static dissipative release liner. Surface resistivity values in the recommended range for dissipative ESD packing materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

Performance Attributes:

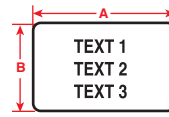


Figure 29

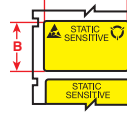


Figure 41



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-473	B-473	Polyester	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-5-473	B-473	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-6-473	B-473	Polyester	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-473	B-473	Polyester	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-473	B-473	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-16-473	B-473	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-473	B-473	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 41	PTLSL-17-473	B-473	Polyester	Yellow	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-28-473	B-473	Polyester	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010



TLS 2200® Circuit Board Materials:

B-477 Electrostatic Dissipative Polyimide Material

Color: White Finish: Gloss

High temperature white polyimide material (2 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

Performance Attributes:

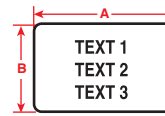


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-477	B-477	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-477	B-477	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-9-477	B-477	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-477	B-477	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-477	B-477	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-25-477	B-477	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-477	B-477	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-477	B-477	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-477	B-477	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

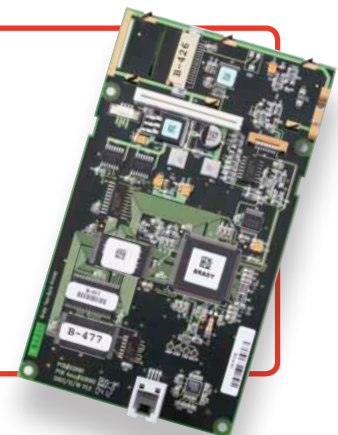


Did You Know?

Brady teamed up with ZESTRON, a market leader 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'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.

To view the complete test results, visit www.BradyID.com.



View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

1-888-272-3946 | www.BradyID.com

TLS 2200® Circuit Board Materials

www.BradyID.com/tls2200



TLS 2200® Circuit Board Materials:

B-478 Electrostatic Dissipative Polyimide Material

Color: White Finish: Gloss

High temperature, low profile white polyimide material (1 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Reduced profile and thin, lighter weight material ideal for high temperature wire marking. Surface resistivity values in the recommended range for Dissipative ESD Packaging Materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

Performance Attributes:

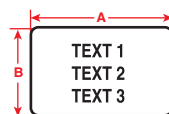


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-478	B-478	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-478	B-478	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-478	B-478	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-478	B-478	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-478	B-478	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-478	B-478	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-478	B-478	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-478	B-478	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-478	B-478	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-478	B-478	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-478	B-478	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-478	B-478	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-478	B-478	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-478	B-478	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010



TLS 2200® Circuit Board Materials:

B-479 Electrostatic Dissipative Polyimide Material

Color: White Finish: Matte

High temperature, low profile white polyimide material (1 mil) with a permanent static dissipative adhesive and static dissipative release liner. Similar to B-478, but with a matte topcoat, which prevents solder balls from sticking after molten wave solder exposure. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

Performance Attributes:

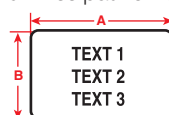


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-479	B-479	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-479	B-479	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-479	B-479	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-479	B-479	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-479	B-479	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-479	B-479	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-479	B-479	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-479	B-479	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-479	B-479	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-479	B-479	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-479	B-479	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-479	B-479	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-479	B-479	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-479	B-479	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.
 TLS2200® Printer Ribbons on page 67.
 Full Material Properties on page 187.

TLS 2200® Tamper Indicating Materials

www.BradyID.com/tls2200



Printer Compatibility

All tamper indicating parts on the following page are only compatible with:



**TLS 2200®
Label Printer**

See Page 36

**TLS PC Link™
Printer**

See Page 37

TLS 2200® Tamper Indicating Materials

Brady offers standard and custom engineered tamper indicating materials to meet your particular product protection needs. These tamper seals and tamper indicating materials provide irreversible, visible evidence of tampering to protect against warranty fraud, product tampering, alteration, and misuse or asset theft. Tamper indicating materials can protect your product's unique model and serial number, and help reduce the chance of liability issues due to unauthorized service or misuse.



TLS 2200® Tamper Indicating Materials:

B-351 Destructible Vinyl Material

Color: White Finish: Matte

White matte vinyl material with permanent adhesive. Material fractures to show signs of tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile.

Performance Attributes:

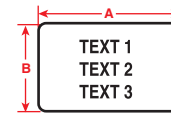


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-351	B-351	Vinyl	White	1.000 (25.4)	0.500 (12.7)	1	500	R6210
Fig. 29	PTL-31-351	B-351	Vinyl	White	1.500 (38.1)	1.000 (25.4)	1	250	R6210
Fig. 29	PTL-20-351	B-351	Vinyl	White	2.000 (50.8)	1.000 (25.4)	1	100	R6210
Fig. 29	PTL-37-351	B-351	Vinyl	White	3.000 (76.2)	1.900 (48.3)	1	100	R6210



TLS 2200® Tamper Indicating Materials:

B-352 Destructible Vinyl Material

Color: Silver Finish: Matte

Metallized matte vinyl material with permanent adhesive. Material fractures to show signs of tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile.

Performance Attributes:

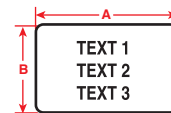


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-352	B-352	Vinyl	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-352	B-352	Vinyl	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-352	B-352	Vinyl	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-352	B-352	Vinyl	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010



TLS 2200® Tamper Indicating Materials:

B-7546 VOID Footprint Polyester Material

Color: White Finish: Gloss

White glossy polyester tamper-indicating material leaves a "VOID" footprint when label is removed to prevent reuse. Adhesive doesn't allow repositioning and requires minimal handling in order to prevent a premature "VOID" pattern.

Performance Attributes:

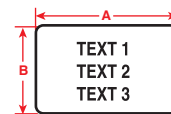


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-7546	B-7576	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-7546	B-7576	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-7546	B-7576	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-7546	B-7576	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-17-7566	B-7576	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-7566	B-7576	Polyester	Clear	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-7566	B-7576	Polyester	Clear	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-17-7576	B-7576	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-7576	B-7576	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-7576	B-7576	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-7576	B-7576	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

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BRADY WHEN PERFORMANCE MATTERS MOST™

TLS 2200® Wire & Cable Materials:

B-321 Heat-Shrinkable Polyolefin Wire Marking Sleeves

Color: White Finish: Matte

Dot matrix printable wire and cable heat shrinkable sleeve.
Excellent resistance to oil and solvents.

Performance Attributes:   

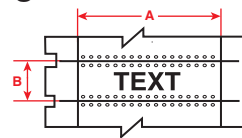


Figure 36



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 36	PTS-0.45-350-321	B-321	Polyolefin	White	0.450 (11.4)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-0.45-500-321	B-321	Polyolefin	White	0.450 (11.4)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-0.95-1000-321	B-321	Polyolefin	White	0.950 (24.1)	1.000 (25.4)	1 to 00	1	250	R6210
Fig. 36	PTS-0.95-350-321	B-321	Polyolefin	White	0.950 (24.1)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-0.95-500-321	B-321	Polyolefin	White	0.950 (24.1)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-0.95-750-321	B-321	Polyolefin	White	0.950 (24.1)	0.750 (19.1)	4 to 2	1	250	R6210
Fig. 36	PTS-1.90-1000-321	B-321	Polyolefin	White	1.900 (48.3)	1.000 (25.4)	1 to 00	1	250	R6210
Fig. 36	PTS-1.90-350-321	B-321	Polyolefin	White	1.900 (48.3)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-1.90-500-321	B-321	Polyolefin	White	1.900 (48.3)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-1.90-750-321	B-321	Polyolefin	White	1.900 (48.3)	0.750 (19.1)	4 to 2	1	250	R6210

TLS 2200® Wire & Cable Materials:

B-390 DuraSleeve® Polypropylene Wire Marker Inserts

Color: White Finish: Matte

Designed to be printed and affixed to a wire using extruded,
clear PVC Brady Wire Marking carriers.

Performance Attributes:   

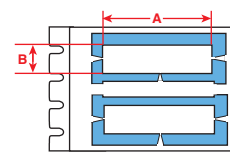


Figure 38



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 38	BPTDS-15-390	B-390	Polypropylene	White	0.590 (15.0)	0.163 (4.1)	1	3000	R6010
Fig. 38	PTDS-15-390	B-390	Polypropylene	White	0.590 (15.0)	0.163 (4.1)	1	300	R6010
Fig. 38	BPTDS-30-390	B-390	Polypropylene	White	1.181 (30.0)	0.163 (4.1)	1	3000	R6010
Fig. 38	PTDS-30-390	B-390	Polypropylene	White	1.181 (30.0)	0.163 (4.1)	1	300	R6010

TLS 2200® Wire & Cable Materials:

B-412 Polypropylene Tag Material

Color: White Finish: Matte

Thick polypropylene material for hardware identification.
High print legibility and high tensile strength.

Performance Attributes: 



Figure 28

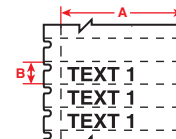


Figure 55



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 28	PTL-55-412	B-412	Polypropylene	White	0.230 (5.8)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-56-412	B-412	Polypropylene	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-57-412	B-412	Polypropylene	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-58-412	B-412	Polypropylene	White	0.535 (13.6)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-59-412	B-412	Polypropylene	White	0.785 (19.9)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 55	PTL-40-412	B-412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	750	R6210
Fig. 55	BPTL-40-412	B-412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	5000	R6210

TLS 2200® Wire & Cable Materials:

B-425 Polypropylene Material

Color: White Finish: Matte

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

Performance Attributes:   

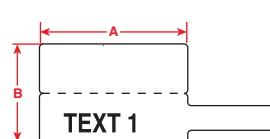


Figure 47

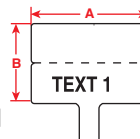


Figure 48



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 47	PTLFP-01-425	B-425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 48	PTLFT-01-425	B-425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 47	PTLFP-02-425	B-425	Polypropylene	White	1.750 (44.5)	1.000 (25.4)	1	100	R6210

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

TLS 2200® Wire & Cable Materials

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Materials:

B-427 Self-Laminating Vinyl Material

Color: White/Translucent Finish: Matte/Translucent Wrap

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

Performance Attributes:  

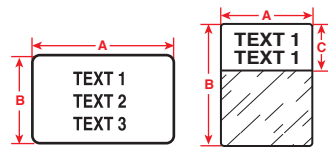


Figure 29

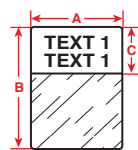


Figure 32



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-10-427	B-427	Vinyl	White	0.250 (6.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	750	R4310
Fig. 32	PTL-11-427	B-427	Vinyl	White	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	500	R4310
Fig. 32	BPTL-11-427	B-427	Vinyl	White	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	5000	R4310
Fig. 32	PTL-96-427	B-427	Vinyl	White	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	250	R4310
Fig. 32	PTL-17-427	B-427	Vinyl	White	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	500	R4310
Fig. 32	BPTL-17-427	B-427	Vinyl	White	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	5000	R4310
Fig. 32	PTL-18-427	B-427	Vinyl	White	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	BPTL-18-427	B-427	Vinyl	White	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	2500	R4310
Fig. 32	PTL-19-427	B-427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-642	B-427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	BPTL-19-427	B-427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	2500	R4310
Fig. 32	PTL-104-427	B-427	Vinyl	White	1.500 (38.1)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-87-427	B-427	Vinyl	White	1.750 (44.5)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-102-427	B-427	Vinyl	White	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	PTL-103-427	B-427	Vinyl	White	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-28-427	B-427	Vinyl	White	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427	B-427	Vinyl	White	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	BPTL-29-427	B-427	Vinyl	White	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	5000	R4310
Fig. 32	PTL-30-427	B-427	Vinyl	White	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	BPTL-30-427	B-427	Vinyl	White	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	2500	R4310
Fig. 32	PTL-31-427	B-427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	BPTL-31-427	B-427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	2500	R4310
Fig. 32	PTL-32-427	B-427	Vinyl	White	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	BPTL-32-427	B-427	Vinyl	White	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	1000	R4310
Fig. 32	PTL-88-427	B-427	Vinyl	White	1.750 (44.5)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-107-427	B-427	Vinyl	White	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	100	R4310
Fig. 32	BPTL-107-427	B-427	Vinyl	White	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	1000	R4310
Fig. 32	PTL-21-427	B-427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-642	B-427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	BPTL-21-427	B-427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	1000	R4310
Fig. 32	PTL-157-427	B-427	Vinyl	White	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-66-427	B-427	Vinyl	White	1.938 (49.2)	3.150 (80.0)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427	B-427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	BPTL-23-427	B-427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	1000	R4310

B-427 Self-Laminating Vinyl Labels continue on next page.

Approx. wire gauge based on AWG for THHN wire.



Finding the correct label height for your self-laminating labels

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

Step 1: Wire Diameter
x 3.147 (pi)
= Wire Circumference

Step 2: Wire Circumference
x 1.5 (allowing label to wrap 1.5 times around wire)
= Total Label Length



TLS 2200® Wire & Cable Materials

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Materials:

B-427 Self-Laminating Vinyl Material

Color: White/ Translucent Finish: Matte/ Translucent Wrap

Continued from previous page.

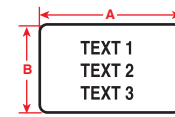


Figure 29

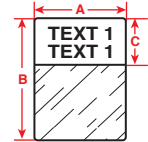


Figure 32

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-33-427	B-427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	BPTL-109-427	B-427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	Cables	1	100	R4310
Fig. 32	BPTL-109-427	B-427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	Cables	1	500	R4310
Fig. 32	BPTL-33-427	B-427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	500	R4310
Fig. 32	PTL-34-427	B-427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	BPTL-34-427	B-427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	500	R4310
Fig. 29	PTL-105-427-AW	B-427	Vinyl	White	1.100 (27.9)	0.250 (6.4)	0.250 (6.4)	All White	1	750	R4310
Fig. 29	PTL-30-427-AW	B-427	Vinyl	White	1.500 (38.1)	0.750 (19.1)	0.750 (19.1)	All White	1	250	R4310
Fig. 29	PTL-78-427-AW	B-427	Vinyl	White	1.900 (48.3)	1.000 (25.4)	1.000 (25.4)	All White	1	250	R4310
Fig. 27	PTL-74-427	B-427	Vinyl	White	0.500 (12.7)	2.200 (55.8)	0.750 (19.1)	Cables	1	100	R4310
Fig. 42	PTL-75-427	B-427	Vinyl	White	1.000 (25.4)	2.625 (66.7)	1.000 (25.4)	Cables	1	100	R4310
Fig. 43	PTL-64-427	B-427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	100	R4310
Fig. 43	BPTL-64-427	B-427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	1000	R4310
Fig. 32	PTL-10-427-YL	B-427	Vinyl	Yellow	0.250 (6.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	750	R4310
Fig. 32	PTL-11-427-YL	B-427	Vinyl	Yellow	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	500	R4310
Fig. 32	PTL-17-427-YL	B-427	Vinyl	Yellow	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	500	R4310
Fig. 32	PTL-18-427-YL	B-427	Vinyl	Yellow	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	PTL-19-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-YL	B-427	Vinyl	Yellow	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-YL	B-427	Vinyl	Yellow	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-YL	B-427	Vinyl	Yellow	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-YL	B-427	Vinyl	Yellow	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-YL	B-427	Vinyl	Yellow	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-YL	B-427	Vinyl	Yellow	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-BL	B-427	Vinyl	Blue	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-BL	B-427	Vinyl	Blue	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-BL	B-427	Vinyl	Blue	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-BL	B-427	Vinyl	Blue	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BL	B-427	Vinyl	Blue	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-BL	B-427	Vinyl	Blue	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-BR	B-427	Vinyl	Brown	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-BR	B-427	Vinyl	Brown	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-BR	B-427	Vinyl	Brown	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-BR	B-427	Vinyl	Brown	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BR	B-427	Vinyl	Brown	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-BR	B-427	Vinyl	Brown	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-GY	B-427	Vinyl	Gray	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-GY	B-427	Vinyl	Gray	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-GY	B-427	Vinyl	Gray	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-GY	B-427	Vinyl	Gray	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GY	B-427	Vinyl	Gray	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-GY	B-427	Vinyl	Gray	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-GR	B-427	Vinyl	Green	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-GR	B-427	Vinyl	Green	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310

B-427 Self-Laminating Vinyl Labels continue on next page.

Approx. wire gauge based on AWG for THHN wire.

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

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TLS 2200® Wire & Cable Materials

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Materials:

B-427 Self-Laminating Vinyl Material

Color: White/Translucent Finish: Matte/Translucent Wrap

Continued from previous page.

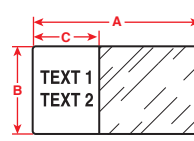


Figure 27

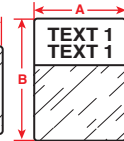


Figure 32

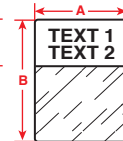


Figure 42

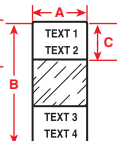


Figure 43

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-29-427-GR	B-427	Vinyl	Green	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-GR	B-427	Vinyl	Green	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GR	B-427	Vinyl	Green	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-GR	B-427	Vinyl	Green	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-GR	B-427	Vinyl	Green	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GR	B-427	Vinyl	Green	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GR	B-427	Vinyl	Green	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-GR	B-427	Vinyl	Green	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-OR	B-427	Vinyl	Orange	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-OR	B-427	Vinyl	Orange	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-OR	B-427	Vinyl	Orange	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-OR	B-427	Vinyl	Orange	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-OR	B-427	Vinyl	Orange	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-OR	B-427	Vinyl	Orange	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-PL	B-427	Vinyl	Purple	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-PL	B-427	Vinyl	Purple	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-PL	B-427	Vinyl	Purple	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-PL	B-427	Vinyl	Purple	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-PL	B-427	Vinyl	Purple	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-PL	B-427	Vinyl	Purple	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-RD	B-427	Vinyl	Red	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-28-427-RD	B-427	Vinyl	Red	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-29-427-RD	B-427	Vinyl	Red	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-30-427-RD	B-427	Vinyl	Red	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-RD	B-427	Vinyl	Red	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-RD	B-427	Vinyl	Red	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-RD	B-427	Vinyl	Red	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-RD	B-427	Vinyl	Red	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-RD	B-427	Vinyl	Red	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-RD	B-427	Vinyl	Red	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310



Finding the correct label height for your self-laminating labels.

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

Step 1: wire diameter x 3.14 (pi) = wire circumference

Step 2: wire circumference x 1.5 (allowing label to wrap 1.5 times around wire) = total label length

Approx. wire gauge based on AWG for THHN wire.

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

TLS 2200® Wire & Cable Materials:

B-472 Flame Retardant Wire Wrap Material

Color: White or Yellow Finish: Matte

Polyimide wire and Cable Materials specifically designed to self-extinguish and prevent flames from propagating. This material is ideal for wire and cable identification in extreme environments, particularly in the aerospace, defense and mass transit industries.

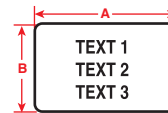


Figure 29



Performance Attributes:  

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-9-472	B-472	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R4310
Fig. 29	PTL-10-472	B-472	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-15-472	B-472	Polyimide	White	1.000 (25.4)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-29-472	B-472	Polyimide	White	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-41-472	B-472	Polyimide	White	1.500 (38.1)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	PTL-41-472-YL	B-472	Polyimide	Yellow	1.500 (38.1)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310



TLS 2200® Wire & Cable Materials:

B-498 Repositionable Vinyl Cloth Material

Color: White Finish: Semi-Gloss

Repositionable vinyl cloth material for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

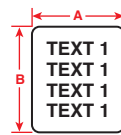


Figure 31

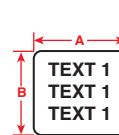


Figure 37

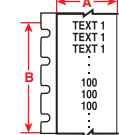
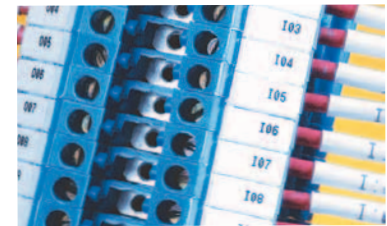


Figure 30



Performance Attributes:   

B-498 Material for General Applications

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 37	PTL-15-498	B-498	Vinyl	White	1.000 (25.4)	0.275 (7.0)	22 to 16	1	750	R6210
Fig. 37	PTL-7-498	B-498	Vinyl	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R6210
Fig. 37	PTL-17-498	B-498	Vinyl	White	1.000 (25.4)	0.500 (12.7)	12 to 10	1	500	R6210
Fig. 31	PTL-10-498	B-498	Vinyl	White	0.250 (6.4)	0.750 (19.1)	16 to 10	1	750	R6210
Fig. 31	BPTL-11-498	B-498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R6210
Fig. 31	PTL-11-498	B-498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R6210
Fig. 31	PTL-16-498	B-498	Vinyl	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R6210
Fig. 31	BPTL-18-498	B-498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 31	PTL-18-498	B-498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 37	BPTL-19-498	B-498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 37	PTL-19-498	B-498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-28-498	B-498	Vinyl	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R6210
Fig. 31	BPTL-29-498	B-498	Vinyl	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	5000	R6210
Fig. 31	PTL-30-498	B-498	Vinyl	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 31	PTL-31-498	B-498	Vinyl	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	PTL-32-498	B-498	Vinyl	White	1.500 (38.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 31	PTL-21-498	B-498	Vinyl	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R6210
Fig. 31	PTL-23-498	B-498	Vinyl	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-33-498	B-498	Vinyl	White	1.500 (38.1)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-34-498	B-498	Vinyl	White	1.500 (38.1)	6.000 (152.4)	Cables	1	50	R6210

B-498 Material for Terminal Block Applications

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 30	PTLTB-498-240	B-498	Vinyl	White	0.240 (6.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-318	B-498	Vinyl	White	0.318 (8.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-375	B-498	Vinyl	White	0.375 (9.5)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 30	BPTLTB-498-240	B-498	Vinyl	White	0.240 (6.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	BPTLTB-498-318	B-498	Vinyl	White	0.318 (8.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	BPTLTB-498-375	B-498	Vinyl	White	0.375 (9.5)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210

Approx. wire gauge based on AWG for THHN wire.

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

TLS 2200® Wire & Cable Materials

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Materials:

B-499 Nylon Cloth Material

Color: White Finish: Matte

Nylon cloth with permanent adhesive for environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, and general ID.

Performance Attributes:

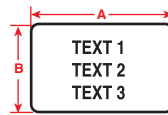


Figure 29

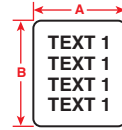


Figure 31

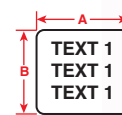


Figure 37

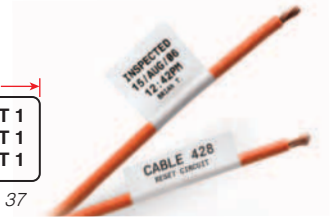


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-81-499	B-499	Nylon	Yellow	1.900 (48.3)	0.250 (6.3)	-	1	750	R4310
Fig. 37	PTL-7-499	B-499	Nylon	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R4310
Fig. 29	PTL-84-499	B-499	Nylon	White	0.900 (22.9)	0.500 (12.7)	-	1	500	R4310
Fig. 31	BPTL-11-499	B-499	Nylon	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R4310
Fig. 31	PTL-11-499	B-499	Nylon	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R4310
Fig. 31	PTL-16-499	B-499	Nylon	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R4310
Fig. 31	PTL-18-499	B-499	Nylon	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R4310
Fig. 37	PTL-19-499	B-499	Nylon	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R4310
Fig. 29	PTL-78-499	B-499	Nylon	White	1.900 (48.3)	1.000 (25.4)	-	1	250	R4310
Fig. 31	PTL-28-499	B-499	Nylon	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R4310
Fig. 31	PTL-29-498	B-499	Nylon	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	500	R6210
Fig. 31	PTL-29-499	B-499	Nylon	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	500	R4310
Fig. 31	PTL-30-499	B-499	Nylon	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R4310
Fig. 31	PTL-31-499	B-499	Nylon	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R4310
Fig. 31	PTL-87-499	B-499	Nylon	White	1.000 (25.4)	1.750 (44.5)	-	1	250	R4310
Fig. 31	PTL-160-499	B-499	Nylon	White	1.750 (44.5)	1.875 (47.6)	-	1	100	R4310
Fig. 31	PTL-21-499	B-499	Nylon	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R4310
Fig. 31	PTL-161-499	B-499	Nylon	White	1.930 (49.0)	3.000 (76.2)	-	1	100	R4310
Fig. 31	PTL-23-499	B-499	Nylon	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R4310

TLS 2200® Wire & Cable Materials:

B-642 Tedlar® Material

Color: White Finish: Matte

Self-extinguishing material used for wire & cable marking applications, particularly in aerospace, defense and mass transit industries.

Performance Attributes:

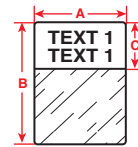


Figure 32



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area C (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-19-642	B-642	Tedlar	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-642	B-642	Tedlar	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-642	B-642	Tedlar	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	25 Pair Copper	1	100	R4310

Approx. wire gauge based on AWG for THHN wire.
TEDLAR® is a registered trademark of DuPont.

TLS 2200® Wire & Cable Materials:

B-342 PermaSleeve® Single-Sided Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized
- Tested per:
 - ASTM E162
 - ASTM E662

Performance Attributes:



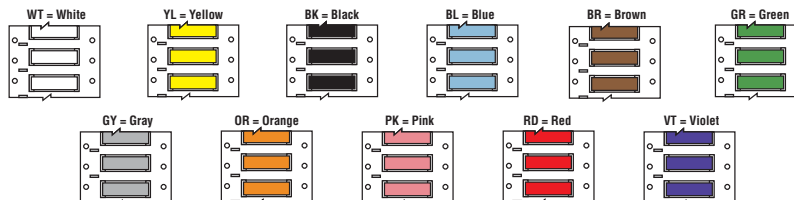
Part Number	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
PSPT-094-1-WT	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-094-175-WT	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-094-1-WT	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-094-175-WT	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-125-1-WT	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-125-175-WT	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-125-1-WT	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-125-175-WT	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-187-1-WT	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-187-175-WT	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-187-1-WT	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-187-175-WT	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-250-1-WT	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-250-175-WT	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-250-1-WT	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-250-175-WT	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-375-1-WT	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-375-175-WT	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-375-1-WT	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-375-175-WT	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-500-1-WT	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-500-175-WT	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-500-1-WT	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-500-175-WT	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-1000-1-WT	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-1000-175-WT	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-1000-175-WT	500	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	R4310

Approx. wire gauge based on AWG for THHN wire.

*Choose Your PermaSleeve Color:

You may also choose to order your sleeves in the colors listed below. Simply replace "WT" with the abbreviation of the desired color.
Example: PSPT-187-175-WT becomes PSPT-187-175-YL

Available colors: WT=White, YL=Yellow, BK=Black, BL=Blue, BR=Brown, GR=Green, GY=Gray, OR=Orange, PK=Pink, RD=Red, VT=Violet



Did You Know?

Brady's PermaSleeve® Wire Marking Sleeves feature these unique characteristics

- Does not smudge or fade when printed; print is permanent
- Unique flattened full-circle design provides fast, permanent wire marking
- Kitted in a convenient format, easily dispensed for printing
- Conforms tightly to wire after heat is applied which prevents markers from sliding



View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

1-888-272-3946 | www.BradyID.com

TLS 2200® PermaSleeve® Wire Markers

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Materials:

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves

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). These heat shrinkable wire marking sleeves meet the following industry specifications

- NASA SP-R-0022A Outgassing Performance
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

Tested per:

- SAE-AMS-DTL-23053/18, Class 2
- ASTM E162, ASTM E662

Performance Attributes:



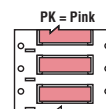
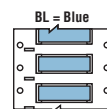
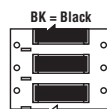
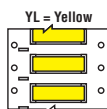
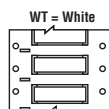
Part Number	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
PSHT-094-1-WT	100	26 to 20	0.031 (0.6)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-094-175-WT	100	26 to 20	0.031 (0.6)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-125-1-WT	100	20 to 16	0.063 (1.2)	0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-125-175-WT	100	20 to 16	0.063 (1.2)	0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-187-1-WT	100	16 to 10	0.094 (1.6)	0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-187-175-WT	100	16 to 10	0.094 (1.6)	0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-250-1-WT	100	12 to 8	0.125 (2.4)	0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-250-175-WT	100	12 to 8	0.125 (2.4)	0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-375-1-WT	100	8 to 4	0.187 (3.2)	0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-375-175-WT	100	8 to 4	0.187 (3.2)	0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-500-1-WT	100	6 to 1	0.250 (4.8)	0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-500-175-WT	100	6 to 1	0.250 (4.8)	0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-750-1-WT	100	2 to 4/0	0.375 (6.6)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-750-175-WT	100	2 to 4/0	0.375 (6.6)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-1000-1-WT	50	2/0 to 0.950 dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.015 (25.8)	R6010/R6610
PSHT-1000-175-WT	50	2/0 to 0.950 dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.765 (44.8)	R6010/R6610

*Choose Your PermaSleeve Color:

You may also choose to order your sleeves in the colors listed below. Simply replace "WT" with the abbreviation of the desired color.
Example: PSHT-187-175-WT becomes PSHT-187-175-YL

Available colors: WT=White YL=Yellow BK=Black BL=Blue PK=Pink

*Note: R6010 and R6610 are black ribbons for non-black surfaces. For black sleeves, R6810 and R4410-WT white ribbons should be used.



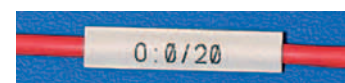
Wire Marking Sleeve Heat Gun



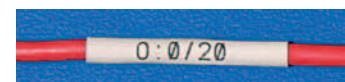
Sleeve Heat Gun

Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve wire marking sleeves. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C)) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Before heat shrink



After heat shrink

Approx. wire gauge based on AWG for THHN wire.

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.



TLS 2200® Voice & Data Comm Materials

Identification Solutions for Cables, Closet Hardware, Racks, Panels, Workstations and More. Brady offers a wide range of materials to fit voice, data and video applications.

Together with Brady's printer, label design software, and cable management software, these materials provide the complete solution for voice and data comm identification and documentation.

Printer Compatibility

All voice and data comm materials on the following pages are only compatible with:



TLS 2200® Label Printer

See Page 36



TLS PC Link™ Printer

See Page 37

TLS 2200® Data Comm Materials:

B-109 Polyethylene Tag Material

Color: White Finish: Matte

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.

Performance Attributes:

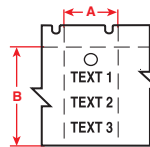


Figure 45

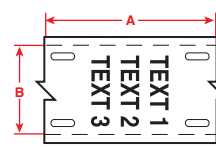


Figure 56



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 45	PTL-36-109	B-109	Polyethylene	White	1.125 (28.6)	1.750 (44.5)	1	250	R4310
Fig. 56	PTL-12-109	B-109	Polyethylene	White	3.000 (76.2)	0.750 (19.1)	1	100	R4310

TLS 2200® Data Comm Materials:

B-145 Polyethylene Tag Material

Color: Gray Finish: Matte

Multipurpose material for tag applications. Ideal for identifying multiconductor cables, inventory, equipment and work-in-progress.

Performance Attributes:

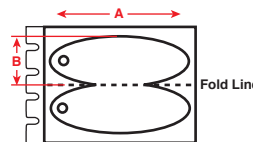


Figure 50



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 50	PTL-111-145-GY	B-145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	PTL-110-145-GY	B-145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210
Flame Retardant B-145 Polyethylene Tag Material									
Fig. 50	PTL-111-145FR-GY	B-145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	PTL-110-145FR-GY	B-145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210

TLS 2200® Voice & Data Comm Materials

www.BradyID.com/tls2200

TLS 2200® Data Comm Materials:

B-412 Polypropylene Tag Material

Color: White Finish: Matte

Thick polypropylene material used for equipment identification. Offers high print legibility and high tensile strength.

Performance Attributes:

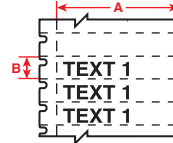


Figure 55



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 55	PTL-40-412	B-412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	750	R6210



TLS 2200® Data Comm Materials:

B-422 Polyester Material

Color: White Finish: Gloss

White material 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, and asset and inventory tracking.

Performance Attributes:

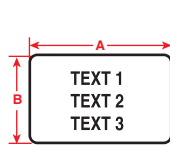


Figure 29



Figure 33

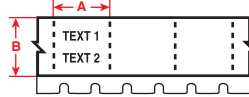


Figure 34



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 34	PTL-39-422	B-422	Polyester	White	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 33	PTL-46-422	B-422	Polyester	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-422	B-422	Polyester	White	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-422	B-422	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-16-422	B-422	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-422	B-422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-29-422	B-422	Polyester	White	1.050 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-422	B-422	Polyester	White	1.050 (38.1)	0.375 (9.5)	1	500	R6010



TLS 2200® Data Comm Materials:

B-423 Polyester Material

Color: White Finish: Gloss

White polyester thermal transfer label 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:

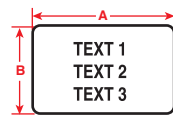


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-423	B-423	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

TLS 2200® Voice & Data Comm Materials

www.BradyID.com/tls2200

TLS 2200® Data Comm Materials:

B-427 Self-Laminating Vinyl Material

Color: White/ Translucent

Finish: Matte Printable Zone/ Translucent Wrap

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.

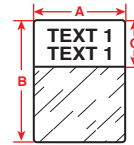


Figure 32

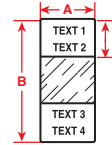


Figure 43



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-19-427	B-427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427	B-427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427	B-427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-66-427	B-427	Vinyl	White	1.938 (49.2)	3.150 (80.0)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427	B-427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427	B-427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427	B-427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 43	PTL-64-427	B-427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	100	R4310
Fig. 32	PTL-19-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-YL	B-427	Vinyl	Yellow	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-YL	B-427	Vinyl	Yellow	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-YL	B-427	Vinyl	Yellow	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BL	B-427	Vinyl	Blue	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BL	B-427	Vinyl	Blue	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-BL	B-427	Vinyl	Blue	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BR	B-427	Vinyl	Brown	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BR	B-427	Vinyl	Brown	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-BR	B-427	Vinyl	Brown	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GY	B-427	Vinyl	Gray	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GY	B-427	Vinyl	Gray	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-GY	B-427	Vinyl	Gray	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-GR	B-427	Vinyl	Green	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-GR	B-427	Vinyl	Green	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-GR	B-427	Vinyl	Green	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GR	B-427	Vinyl	Green	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GR	B-427	Vinyl	Green	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-GR	B-427	Vinyl	Green	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-OR	B-427	Vinyl	Orange	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-OR	B-427	Vinyl	Orange	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-OR	B-427	Vinyl	Orange	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-PL	B-427	Vinyl	Purple	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-PL	B-427	Vinyl	Purple	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-PL	B-427	Vinyl	Purple	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-19-427-RD	B-427	Vinyl	Red	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-31-427-RD	B-427	Vinyl	Red	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-21-427-RD	B-427	Vinyl	Red	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427-RD	B-427	Vinyl	Red	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-RD	B-427	Vinyl	Red	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427-RD	B-427	Vinyl	Red	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310

Approx. wire gauge based on AWG for THHN wire.

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.

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TLS 2200® Voice & Data Comm Materials

www.BradyID.com/tls2200



TLS 2200® Data Comm Materials:

B-430 Polyester Material

Color: Clear Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Non-colored material with permanent adhesive. Good for general purpose thermal transfer printing.

Performance Attributes:

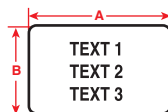


Figure 29

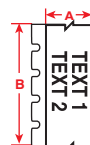


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-46-430	B-430	Polyester	Clear	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-430	B-430	Polyester	Clear	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-430	B-430	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-16-430	B-430	Polyester	Clear	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-430	B-430	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-430	B-430	Polyester	Clear	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-29-430	B-430	Polyester	Clear	1.500 (38.1)	0.500 (12.7)	1	500	R6010



TLS 2200® Data Comm Materials:

B-432 Polyester Material

Color: Clear Finish: Gloss

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

Performance Attributes:

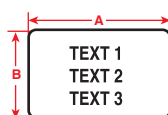


Figure 29

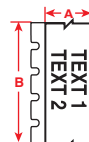


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-432	B-432	Polyester	Clear	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-10-432	B-432	Polyester	Clear	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-11-432	B-432	Polyester	Clear	0.750 (19.1)	0.500 (12.7)	1	500	R6010



TLS 2200® Data Comm Materials:

B-483 Polyester Material

Color: White Finish: Gloss

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

Performance Attributes:

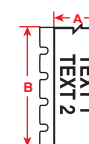


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	B-483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010



TLS 2200® Data Comm Materials:

B-489 Polyester Material

Color: White Finish: Matte

White polyester thermal transfer material with matte finish and aggressive adhesive. Specifically designed for powder coated surfaces. A matte version of B-483.

Performance Attributes:

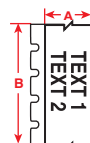


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-489	B-489	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310

View the Material Brands & Attributes Guide on page 4.
TLS2200® Printer Ribbons on page 67.
Full Material Properties on page 187.

TLS 2200® Print Ribbons

www.BradyID.com/tls2200



TLS 2200® & TLS PC Link™ Printer Ribbons

Note: Black Ribbon R6210 included with TLS 2200 printer purchase.

Part Number	Description	Size
R4310	Black Ribbon	75' (22.90 m)
R6010	Black Ribbon	75' (22.90 m)
R6210	Black Ribbon	75' (22.90 m)
R4410-BL	Blue Ribbon	75' (22.90 m)
R4410-RD	Red Ribbon	75' (22.90 m)
R4410-WT	White Ribbon	75' (22.90 m)



TLS 2200® & TLS PC Link™ Print Ribbon / Material Compatibility

B-Number	Material	R4310 (Black)	R6010 (Black)	R6210 (Black)	R4410 (Colors)
B-109	Polyethylene	●	●	—	—
B-145	Polyethylene	—	—	●	—
B-321	Polyolefin	—	—	—	●
B-342	Polyolefin	●	—	—	—
B-345	PVDF	—	●	—	● White
B-351	Vinyl	—	—	—	●
B-352	Vinyl	—	—	●	—
B-390	Polypropylene	—	●	—	—
B-412	Polypropylene	—	—	—	●
B-422	Polyester	—	▲	● UL/CSA	▲
B-423	Polyester	—	▲	● UL/CSA/AGA	▲
B-424	Paper	●	—	—	—
B-425	Polypropylene	● UL	—	● UL/CSA	—
B-426	Polyimide	●	—	—	—
B-427	Vinyl	● UL	—	—	▲
B-428	Polyester	● UL/CSA/AGA	—	—	—
B-430	Polyester	—	▲	● UL/CSA	▲
B-432	Polyester	—	▲	● UL/CSA	—
B-435	Polyester	—	—	● UL/CSA	—
B-439	Vinyl	—	▲	●	▲
B-449	Polypropylene	●	—	●	—
B-457	Polyimide	—	—	● UL	—
B-459	Polyester	—	▲ UL	● UL/CSA	—
B-461	Polyester	●	—	—	▲
B-472	Polyimide	●	—	●	—
B-473	Polyester	—	—	● UL/CSA	▲
B-477	Polyimide	—	—	● UL	▲
B-478	Polyimide	—	—	● UL	—
B-479	Polyimide	—	—	● UL	—
B-483	Polyester	—	▲	● UL/CSA	▲
B-486	Polyester	● UL/CSA	—	—	—
B-488	Polyester	● UL/CSA/AGA	—	—	● UL/CSA
B-489	Polyester	● UL/CSA	—	—	—
B-490	Polyester	●	—	▲	—
B-498	Vinyl Cloth	▲	—	—	●
B-499	Nylon Cloth	● UL/CSA	—	—	▲
B-593	Polyester	—	● UL/cUL	—	● UL/cUL
B-7546	Polyester	—	—	● UL/CSA	—
B-7566	Polyester	—	▲	●	—
B-7576	Polyester	—	▲	● UL	—
B-8425	Polyolefin	—	▲	● UL	—

● Rec. Ribbon for use with respective material.

▲ Acceptable ribbon for use with respective material.

For more information on Brady materials, visit www.BradyID.com/techdata.

UL These materials are UL recognized with its respective ribbon.

cUL These materials have been evaluated to Canadian safety requirements.

CSA These materials are approved with its respective ribbon.

AGA These materials are AGA approved.



Ever Wonder How Many Labels Per Ribbon?

Have you ever wondered approximately how many labels you can print from one TLS 2200 Ribbon? Try this formula:
(Note: Our standard TLS2200 ribbons are 900 inches long (75 ft).)

Step 1: label height + 0.10 = X

Step 2: 900 inches ÷ X = total labels per ribbon

Example: Part Number PLT-19-422 is 1.0" tall.

1.0 inch label height + 0.10 = 1.10

900 inches ÷ 1.10 = 818 labels per ribbon

BMP®71 Label Printer

www.BradyID.com/bmp71

Portable Label Printers



Online Video!

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information or to view an online printer demo video.

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BMP®71 Print RibbonsPage 80

Part Number	Description
BMP71	BMP71 Printer*
BMP71-LM	BMP71 Printer* w/ LabelMark Standard Software
BMP71-MW	BMP71 Printer* w/ Markware Lean Software
BMP71-QC	BMP71 Printer* w/ Quick Charger
BMP71-SC	BMP71 Printer* w/ Soft Case
BMP71-SC-QC	BMP71 Printer* w/ Soft Case and Quick Charger
M71-AC-BC	BMP71 AC/Battery Adaptor
M71-ADAPT	TLS/Handmark Media Adaptor
M71-BATT	BMP71 Battery Pack
M71-CABLE	BMP71 USB Cable
M71-CLEAN	BMP71 Cleaning Kit
M71-HC	BMP71 Hardcase
M71-QC	BMP71 Quick Charger
M71-SC	BMP71 Softcase
BMP71-360	Brady360® Replacement Plan
BMP71-360-KIT	BMP71 Printer* w/ Brady360® Replacement Program

*Printer ships with Hardcase, Charger/AC Adapter, (1) Roll of M71-31-423 White Die Cut Labels, (1) M71-R6000 Black Ribbon Cartridge, Media Adapter, Rechargeable Battery, USB Cable, Quickstart Guide, drivers CD, Users Guide, Tutorial and 1 year Limited Warranty.
U.S. Patent No. 7,999,836; 8,328,442; 8,333,524.



Brady 360® Replacement Printer Plan

supplements the Limited Warranty already included with your printer purchase. This Replacement Plan allows you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

*Pinheads are covered. *Limit of two printers in the first 12 months of initial purchase.

BMP®71 LABEL PRINTER

Thousands Of Applications. Hundreds Of Labels. One Label Printer.

The most versatile portable printer in our offering. Painless setup, robust label offering and intuitive interface come together in our top-of-the-line portable printer.

Text and Print Options:

- 100's Of Symbols
- Reverse Print
- Subscripts
- Auto Font Size
- Barcodes
- Time/Date Stamps
- Underline/Italics/ Bold
- Serialization
- Vertical Printing
- And more!



Did You Know?

The BMP71 printer can also print on TLS2200® and HandiMark® consumables using the included media adaptor!

BMP71 Label Printer Specifications

Max Labels Per Day	1000 labels/day
Print Resolution	300 dpi
Print Technology	Thermal Transfer
Print Speed	38 mm/sec (1.50 in/sec)
Tape Widths (in)	Various sizes from 0.25" to 2.00"
Tape Widths (mm)	Various sizes from 6.4 to 50.8 mm
Max Label Width	2.00"
Max Print Width	1.75"
Memory	200 MB
Materials Supported	Continuous, Die Cut labels, Bulk, over 400 Stock Parts and Custom
Continuous vs Die Cut Labels	Continuous and die cut labels
PC Connectivity	Yes
Software Compatibility	LabelMark™ / MarkWare™ Software
Data Transfer from PC to printer	Yes
Wireless Connectivity	No
Stand Alone Printing	Yes
Connectivity Options	USB
Color Capability	Single Color Printing
Keyboard	QWERTY
Backlit Screen	Yes
Text Sizes	4 to 174 point + autosizing
Multi-Line Print	Yes
Print Rotation	Yes
Serialization	Yes - multiple and linked
Barcode	39 and 128
Symbols	Over 500
Portability	Yes
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Flag Labels, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length, Pipe Markers, Safety Labels
Applications	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Security Identification, Wire & Cable Marking, Pipe Marking
Power Supply	Rechargeable Battery, AC Power
Weight	5.49 lbs (2.49kg)
Warranty	12 months - See Terms and Conditions

The one way to faster, easier label printing.



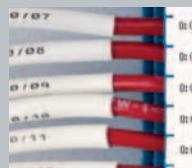
Electrical Labeling



Voice & Data Communications



General Identification



PermaSleeve® Wire Marking Sleeves



Self-Laminating Labels



Safety Labels ...and many more!

BMP®71 General Identification Materials:

General Industrial, Lean & Safety ID

- **B-529 Economy Polypropylene Material** - For use indoors on smooth, flat surfaces.
- **B-595 Indoor/Outdoor Vinyl Material** - Aggressive permanent adhesive, very pliable, conforms to rough surfaces, excellent resistance to oils, detergents, dirt, and many solvents.

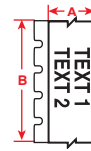


Figure 33



Diagram	Catalog #	B#	Material	Color	Label Width A Inch (mm)		Label Height B Inch (mm)		Labels Per Roll	Rec. Ribbon
B-595 Indoor/Outdoor Vinyl Material										
Fig. 33	M71C-500-595-WT	B-595	Vinyl	White	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-WT	B-595	Vinyl	White	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-WT	B-595	Vinyl	White	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-YL	B-595	Vinyl	Yellow	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-YL	B-595	Vinyl	Yellow	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-YL	B-595	Vinyl	Yellow	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-BK	B-595	Vinyl	Black	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-BK	B-595	Vinyl	Black	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-BK	B-595	Vinyl	Black	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-BL	B-595	Vinyl	Blue	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-BL	B-595	Vinyl	Blue	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-BL	B-595	Vinyl	Blue	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-BR	B-595	Vinyl	Brown	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-BR	B-595	Vinyl	Brown	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-BR	B-595	Vinyl	Brown	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-CL	B-595	Vinyl	Clear	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-CL	B-595	Vinyl	Clear	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-CL	B-595	Vinyl	Clear	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-GD	B-595	Vinyl	Gold	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-GD	B-595	Vinyl	Gold	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-GD	B-595	Vinyl	Gold	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-GN	B-595	Vinyl	Green	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-GN	B-595	Vinyl	Green	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-GN	B-595	Vinyl	Green	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-GY	B-595	Vinyl	Gray	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-GY	B-595	Vinyl	Gray	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-GY	B-595	Vinyl	Gray	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-LB	B-595	Vinyl	Light Blue	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-LB	B-595	Vinyl	Light Blue	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-LB	B-595	Vinyl	Light Blue	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-OC	B-595	Vinyl	Ochre	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-OC	B-595	Vinyl	Ochre	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-OC	B-595	Vinyl	Ochre	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-OR	B-595	Vinyl	Orange	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-OR	B-595	Vinyl	Orange	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-OR	B-595	Vinyl	Orange	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-PK	B-595	Vinyl	Pink	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-PK	B-595	Vinyl	Pink	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-PK	B-595	Vinyl	Pink	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-PL	B-595	Vinyl	Purple	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-PL	B-595	Vinyl	Purple	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-PL	B-595	Vinyl	Purple	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-RD	B-595	Vinyl	Red	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-RD	B-595	Vinyl	Red	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-RD	B-595	Vinyl	Red	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-SB	B-595	Vinyl	Sky Blue	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-SB	B-595	Vinyl	Sky Blue	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-SB	B-595	Vinyl	Sky Blue	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-TN	B-595	Vinyl	Tan	0.500	(12.7)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-TN	B-595	Vinyl	Tan	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-TN	B-595	Vinyl	Tan	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
B-529 Economy Polypropylene Material										
Fig. 33	M71C-1000-529	B-529	Polypropylene	White	1.000	(25.4)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-529	B-529	Polypropylene	White	2.000	(50.8)	50 ft.	(15.2 m)	1 Roll (cont.)	M71-R6000

BMP®71 General Identification Materials:

General Identification and Rating Plates

Choose from several materials with aggressive adhesives for use in commercial/ industrial applications.

- **B-424 Paper Material** - White matte paper material
- **B-430 Polyester Material** - Clear glossy polyester
- **B-459 Polyester Material** - White matte polyester
- **B-483 Polyester Material** - White glossy polyester with an aggressive adhesive
- **B-486 Polyester Material** - Metallized matte polyester
- **B-488 Polyester Material** - White matte polyester with an aggressive adhesive
- **B-489 Polyester Material** - White matte polyester with an aggressive adhesive

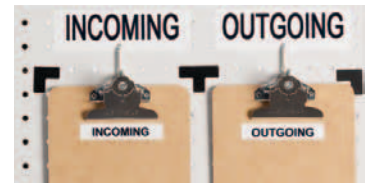


Figure 33

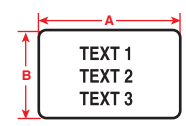


Figure 29

Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-424 Paper Material								
Fig. 29	BM71-20-424	B-424	Paper	White	2.000 (50.800)	1.000 (25.400)	1000	M71-R4300
Fig. 29	M71-20-424	B-424	Paper	White	2.000 (50.800)	1.000 (25.400)	100	M71-R4300
B-430 Polyester Material								
Fig. 29	M71-68-430	B-430	Polyester	Clear	0.240 (6.000)	0.150 (3.810)	750	M71-R6000
Fig. 29	M71-71-430	B-430	Polyester	Clear	0.350 (8.890)	0.200 (5.080)	750	M71-R6000
Fig. 33	M71C-375-430	B-430	Polyester	Clear	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-430	B-430	Polyester	Clear	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-16-430	B-430	Polyester	Clear	1.000 (25.400)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-17-430	B-430	Polyester	Clear	1.000 (25.400)	0.500 (12.700)	500	M71-R6000
Fig. 33	M71C-1000-430	B-430	Polyester	Clear	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-45-430	B-430	Polyester	Clear	1.050 (38.100)	0.375 (9.530)	500	M71-R6000
Fig. 33	M71C-1900-430	B-430	Polyester	Clear	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
B-459 Polyester Material								
Fig. 29	M71-29-459	B-459	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-30-459	B-459	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 29	M71-20-459	B-459	Polyester	White	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
B-483 Polyester Material								
Fig. 33	M71C-500-483	B-483	Polyester	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-16-483	B-483	Polyester	White	1.000 (25.400)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-17-483	B-483	Polyester	White	1.000 (25.400)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-19-483	B-483	Polyester	White	1.000 (25.400)	1.000 (25.400)	250	M71-R6000
Fig. 33	M71C-1000-483	B-483	Polyester	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-65-483	B-483	Polyester	White	1.375 (34.930)	1.000 (25.400)	250	M71-R6000
Fig. 29	M71-29-483	B-483	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-30-483	B-483	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 29	M71-31-483	B-483	Polyester	White	1.500 (38.100)	1.000 (25.400)	250	M71-R6000
Fig. 33	M71C-1900-483	B-483	Polyester	White	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-61-483	B-483	Polyester	White	2.000 (50.800)	0.500 (12.700)	100	M71-R6000
Fig. 29	M71-20-483	B-483	Polyester	White	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71-37-483	B-483	Polyester	White	3.000 (76.200)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-23-483	B-483	Polyester	White	4.000 (101.600)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71-38-483	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
B-486 Polyester Material								
Fig. 29	M71-17-486	B-486	Polyester	Silver	1.000 (25.400)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-29-486	B-486	Polyester	Silver	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-30-486	B-486	Polyester	Silver	1.500 (38.100)	0.750 (19.050)	250	M71-R4300
Fig. 29	M71-20-486	B-486	Polyester	Silver	2.000 (50.800)	1.000 (25.400)	100	M71-R4300
Fig. 29	M71-37-486	B-486	Polyester	Silver	3.000 (76.200)	1.900 (48.260)	100	M71-R4300
B-488 Polyester Material								
Fig. 29	M71-80-488	B-488	Polyester	White	0.750 (19.050)	0.900 (22.860)	250	M71-R4300
Fig. 29	M71-97-488	B-488	Polyester	White	0.900 (22.860)	0.900 (22.860)	250	M71-R4300
Fig. 29	M71-81-488	B-488	Polyester	White	1.900 (48.260)	0.250 (6.350)	750	M71-R4300
B-489 Polyester Material								
Fig. 29	M71-29-489	B-489	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-32-489	B-489	Polyester	White	1.500 (38.100)	1.500 (38.100)	250	M71-R4300
Fig. 29	M71-38-489	B-489	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R4300
Fig. 29	M71-17-489	B-489	Polyester	White	1.000 (25.400)	0.500 (12.700)	500	M71-R4300

* "B" indicates bulk roll.

BMP®71 General Identification Materials: Temporary/Removable Material

These indoor materials are designed with special adhesive that makes it easy to remove and re-apply.

- **B-581 Repositionable Vinyl Material** - Indoor/outdoor marking film is a high gloss, durable, flexible, pressure sensitive adhesive product

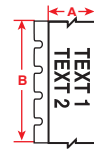


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-581 Repositionable Vinyl								
Fig. 33	M71C-500-581-WT	B-581	Vinyl	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-581-YL	B-581	Vinyl	Yellow	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-581-WT	B-581	Vinyl	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-581-YL	B-581	Vinyl	Yellow	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-581-WT	B-581	Vinyl	White	2.000 (50.800)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-581-YL	B-581	Vinyl	Yellow	2.000 (50.800)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000

BMP®71 General Identification Materials: Reflective / Low Light Material

Great for egress and other critical pieces of information.

- **B-582 BradyGlo™ Phosphorescent Polyester Material** - Light absorbing and will glow for 10 hours.
- **B-584 Reflective Material** - Helps illuminate the labels when light is shined on the surface.

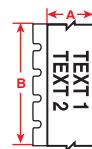


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-582 BradyGlo™ Phosphorescent Polyester Material								
Fig. 33	BM71C-1000-582	B-582	Phosphorescent	Phosphorescent	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-582	B-582	Phosphorescent	Phosphorescent	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
B-584 Reflective Material								
Fig. 33	BM71C-1000-584-OR	B-584	Reflective Tape	Orange	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-OR	B-584	Reflective Tape	Orange	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-1000-584-WT	B-584	Reflective Tape	Silver	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-WT	B-584	Reflective Tape	Silver	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-1000-584-YL	B-584	Reflective Tape	Yellow	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-YL	B-584	Reflective Tape	Yellow	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000

* "B" indicates bulk roll.

BMP®71 General Identification Materials: ToughStripe® Print-On-Demand Floor Material

- Create floor labels using with the same durability and performance as ToughStripe® Floor Marking Tape
- Easy 3-step process: print label, position on floor, apply included overlaminates
- **B-483 Polyester Material** - high adhesion to flat, non-coated concrete

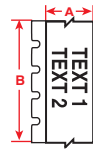


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Width B Inch (mm)	Labels/Roll	Rec. Ribbon
Fig. 33	M71-1000-483-WT-KT	B-483	Polyester	White	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-WT-KT	B-483	Polyester	White	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-YL-KT	B-483	Polyester	Yellow	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-YL-KT	B-483	Polyester	Yellow	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-BK-KT	B-483	Polyester	Black	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-2000-483-BK-KT	B-483	Polyester	Black	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-1000-483-BL-KT	B-483	Polyester	Blue	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-2000-483-BL-KT	B-483	Polyester	Blue	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-1000-483-GN-KT	B-483	Polyester	Green	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-GN-KT	B-483	Polyester	Green	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-OR-KT	B-483	Polyester	Orange	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-OR-KT	B-483	Polyester	Orange	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-RD-KT	B-483	Polyester	Red	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-RD-KT	B-483	Polyester	Red	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000

BMP®71 Printer Ribbons on page 68.
Full Material Properties on page 187.

BMP®71 General Identification Materials: Pre-Printed Die Cut Material

- **B-423 Polyester Material** - UL Recognized for outdoor use on glass, thermoset polyester plastic and polyvinyl fluoride plastic.
- **B-428 Polyester Material** - For barcodes, alphanumerics and graphics that require nameplate-like quality.
- **B-483 Polyester Material** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces.

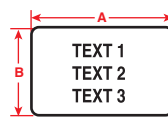


Figure 29

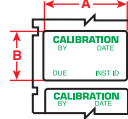


Figure 51

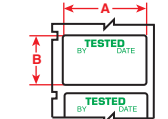


Figure 52

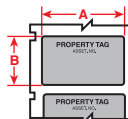


Figure 54



Diagram	Part Number	B#	Material	Color	Label Width A Inch	Label Width A (mm)	Label Height B Inch	Label Height B (mm)	Labels/Roll	Rec. Ribbon
B-423 Permanent Polyester Material										
Fig. 52	M71-30-423-TEST	B-423	Polyester	White	1.500	(38.100)	0.750	(19.050)	250	M71-R6000
B-428 Metallized Polyester Material										
Fig. 51	M71-30-428-CALI	B-428	Polyester	White	1.500	(38.100)	0.750	(19.050)	250	M71-R4300
Fig. 54	M71-35-428-PROP	B-428	Polyester	White	1.630	(41.400)	0.750	(19.050)	250	M71-R4300
B-483 Polyester Material										
Fig. 29	M71-38-483-CAUT	B-483	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000
Fig. 29	M71-38-483-DANG	B-483	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000
Fig. 29	M71-38-483-NOTI	B-483	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000
Fig. 29	M71-38-483-WARN	B-483	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000

BMP®71 Wire & Cable Materials: Printable Tag Material

- **B-145 Polyethylene Tags and B-145FR Fire Retardant Polyethylene Tag Material** - 9.5 mil cross laminated polyethylene film with a thermal transfer printable topcoat. Used for a variety of tag applications including ID of multiconductor cables and equipment.
- **B-109 Polyethylene Tag Material** - Multipurpose tag that can be used for a variety of applications including identification of multiconductor cables, inventory, equipment, lockout and work-in-progress. Extremely tear resistant and superior cold-weather tag.

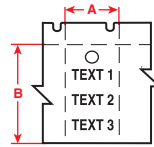


Figure 45

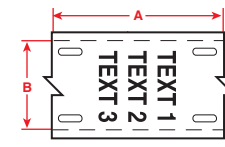


Figure 56

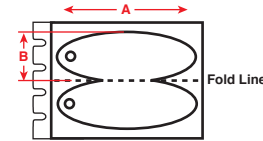


Figure 50



Diagram	Part Number	B#	Material	Color	Label Width A Inch	Label Width A (mm)	Label Height B Inch	Label Height B (mm)	Labels/Roll	Rec. Ribbon
B-145 Polyethylene Tag Material										
Fig. 50	BM71-111-145-GY	B-145	Polyethylene	Grey	1.206	(30.630)	0.758	(19.250)	1000	M71-R6000
Fig. 50	M71-111-145-GY	B-145	Polyethylene	Grey	1.206	(30.630)	0.758	(19.250)	100	M71-R6000
Fig. 50	BM71-110-145-GY	B-145	Polyethylene	Grey	1.750	(44.450)	1.000	(25.400)	1000	M71-R6000
Fig. 50	M71-110-145-GY	B-145	Polyethylene	Grey	1.750	(44.450)	1.000	(25.400)	100	M71-R6000
Fig. 50	M71-111-145FR-GY	B-145FR	Polyethylene	Grey	1.206	(30.630)	0.758	(19.250)	100	M71-R6000
Fig. 50	M71-110-145FR-GY	B-145FR	Polyethylene	Grey	1.750	(44.450)	1.000	(25.400)	100	M71-R6000
B-109 Polyethylene Tag Material										
Fig. 45	M71-36-109	B-109	Polyethylene	White	1.125	(28.570)	1.750	(44.450)	250	M71-R4300
Fig. 56	M71-12-109	B-109	Polyethylene	White	3.000	(76.200)	0.750	(19.050)	100	M71-R4300
Fig. 56	BM71-12-109	B-109	Polyethylene	White	3.000	(76.200)	0.750	(19.050)	1000	M71-R4300

* "B" indicates bulk roll.

BMP®71 Wire & Cable Materials: Fiber Optic Flag Material

Allows more legible information on smaller diameter wires and permits you to handle and view labels without touching the wires.

- **B-425 Polypropylene Material** - Excellent solvent resistance and print performance.

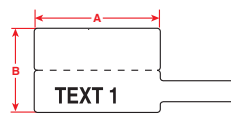


Figure 47

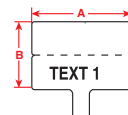


Figure 48



Diagram	Part Number	B#	Material	Color	Label Width A Inch	Label Width A (mm)	Label Height B Inch	Label Height B (mm)	Labels/Roll	Rec. Ribbon
Fig. 47	M71FP-1-425	B-425	Polypropylene	White	1.180	(30.000)	0.788	(20.000)	250	M71-R4300
Fig. 48	M71FT-1-425	B-425	Polypropylene	White	1.180	(30.000)	0.788	(20.000)	250	M71-R4300
Fig. 47	M71FP-2-425	B-425	Polypropylene	White	1.750	(44.450)	1.000	(25.400)	100	M71-R4300

BMP®71 Wire & Cable Materials:

General Adhesive Wire and Cable Markers

- **B-498 Repositionable Vinyl Cloth Material** - Industrial strength and ideal for curved surfaces. Firm adhesive can be removed cleanly and reapplied.
- **B-499 Permanent Nylon Cloth Material** - Durable industrial strength and designed to conform to curved surfaces.

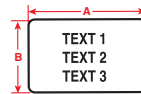


Figure 29

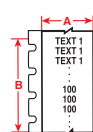


Figure 30

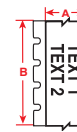


Figure 33



Diagram	Part Number	B#	Material	Color	Approx. Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-498 Repositionable Vinyl Cloth Material									
Fig. 31	M71-7-498	B-498	Vinyl	White	16-10	0.500 (12.700)	0.500 (12.700)	500	M71-R6200
Fig. 31	M71-17-498	B-498	Vinyl	White	12-10	1.000 (25.400)	0.500 (12.700)	500	M71-R6200
Fig. 31	M71-10-498	B-498	Vinyl	White	16-10	0.250 (6.350)	0.750 (19.050)	750	M71-R6200
Fig. 31	BM71-11-498	B-498	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	5000	M71-R6200
Fig. 31	M71-11-498	B-498	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	500	M71-R6200
Fig. 31	M71-16-498	B-498	Vinyl	White	12-10	0.375 (9.530)	1.000 (25.400)	500	M71-R6200
Fig. 31	BM71-18-498	B-498	Vinyl	White	12-10	0.750 (19.050)	1.000 (25.400)	2500	M71-R6200
Fig. 31	M71-18-498	B-498	Vinyl	White	12-10	0.750 (19.050)	1.000 (25.400)	250	M71-R6200
Fig. 31	BM71-19-498	B-498	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	2500	M71-R6200
Fig. 31	M71-19-498	B-498	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	250	M71-R6200
Fig. 31	BM71-29-498	B-498	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	5000	M71-R6200
Fig. 31	M71-29-498	B-498	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	500	M71-R6200
Fig. 31	M71-30-498	B-498	Vinyl	White	10-4	0.750 (19.050)	1.500 (38.100)	250	M71-R6200
Fig. 31	M71-31-498	B-498	Vinyl	White	10-4	1.000 (25.400)	1.500 (38.100)	250	M71-R6200
Fig. 31	M71-32-498	B-498	Vinyl	White	10-4	1.500 (38.100)	1.500 (38.100)	250	M71-R6200
Fig. 31	M71-21-498	B-498	Vinyl	White	Cables	1.000 (25.400)	2.500 (63.500)	100	M71-R6200
Fig. 31	M71-33-498	B-498	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	100	M71-R6200
Fig. 33	BM71C-240-498	B-498	Vinyl	White	—	0.240 (6.096)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	BM71C-318-498	B-498	Vinyl	White	—	0.318 (8.070)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	BM71C-375-498	B-498	Vinyl	White	—	0.375 (9.530)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-240-498	B-498	Vinyl	White	—	0.240 (6.096)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-318-498	B-498	Vinyl	White	—	0.318 (8.070)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-375-498	B-498	Vinyl	White	—	0.375 (9.530)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-500-498	B-498	Vinyl	White	—	0.500 (12.700)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-1000-498	B-498	Vinyl	White	—	1.000 (25.400)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-1900-498	B-498	Vinyl	White	—	1.900 (48.300)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
B-499 Permanent Nylon Cloth Material									
Fig. 31	M71-7-499	B-499	Nylon Cloth	White	16-10	0.500 (12.700)	0.500 (12.700)	500	M71-R4300
Fig. 31	BM71-11-499	B-499	Nylon Cloth	White	16-10	0.500 (12.700)	0.750 (19.050)	5000	M71-R4300
Fig. 31	M71-11-499	B-499	Nylon Cloth	White	16-10	0.500 (12.700)	0.750 (19.050)	500	M71-R4300
Fig. 31	M71-16-499	B-499	Nylon Cloth	White	12-10	0.375 (9.530)	1.000 (25.400)	500	M71-R4300
Fig. 31	M71-18-499	B-499	Nylon Cloth	White	12-10	0.750 (19.050)	1.000 (25.400)	250	M71-R4300
Fig. 31	M71-19-499	B-499	Nylon Cloth	White	12-10	1.000 (25.400)	1.000 (25.400)	250	M71-R4300
Fig. 29	M71-78-499	B-499	Nylon Cloth	White	12-10	1.900 (48.260)	1.000 (25.400)	250	M71-R4300
Fig. 31	M71-28-499	B-499	Nylon Cloth	White	10-4	0.250 (6.350)	1.500 (38.100)	750	M71-R4300
Fig. 31	M71-29-499	B-499	Nylon Cloth	White	10-4	0.500 (12.700)	1.500 (38.100)	500	M71-R4300
Fig. 31	M71-30-499	B-499	Nylon Cloth	White	10-4	0.750 (19.050)	1.500 (38.100)	250	M71-R4300
Fig. 31	M71-31-499	B-499	Nylon Cloth	White	10-4	1.000 (25.400)	1.500 (38.100)	250	M71-R4300
Fig. 31	M71-21-499	B-499	Nylon Cloth	White	Cables	1.000 (25.400)	2.500 (63.500)	100	M71-R4300
Fig. 33	M71C-500-499	B-499	Nylon Cloth	White	—	0.500 (12.700)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300
Fig. 33	M71C-1000-499	B-499	Nylon Cloth	White	—	1.000 (25.400)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300
Fig. 33	M71C-1900-499	B-499	Nylon Cloth	White	—	1.900 (48.300)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300

* "B" indicates bulk roll.

Approx. wire gauge based on AWG for THHN wire.



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BMP®71 Wire & Cable Materials:

Self Laminating Wire Markers

- **B-427 Self-Laminating Vinyl Material**

Wire markers with superior chemical and abrasion resistance. Non-printed clear area that wraps around to overlaminate the printed text. UL recognized and Rohs compliant.

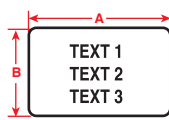


Figure 29

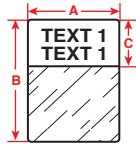


Figure 32

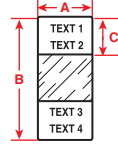


Figure 43



Diagram	Part Number	B#	Material	Color	Approx. Wire Gauge	Label Width A (mm)	Label Height B (mm)	Print-On Height C (mm)	Labels/ Roll	Rec. Ribbon
Fig. 32	BM71-21-427	B-427	Vinyl	White	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	1000	M71-R4300
Fig. 32	M71-21-427	B-427	Vinyl	White	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	100	M71-R4300
Fig. 32	M71-21-427-YL	B-427	Vinyl	Yellow	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	100	M71-R4300
Fig. 43	BM71-64-427	B-427	Vinyl	White	Cables	1.000 (25.400)	3.375 (85.730)	1.125 (28.580)	1000	M71-R4300
Fig. 43	M71-64-427	B-427	Vinyl	White	Cables	1.000 (25.400)	3.375 (85.730)	1.125 (28.580)	100	M71-R4300
Fig. 32	BM71-23-427	B-427	Vinyl	White	Cables	1.000 (25.400)	4.000 (101.600)	1.000 (25.400)	1000	M71-R4300
Fig. 32	M71-23-427	B-427	Vinyl	White	Cables	1.000 (25.400)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	BM71-109-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.500 (38.100)	500	M71-R4300
Fig. 32	BM71-33-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	500	M71-R4300
Fig. 32	M71-109-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.500 (38.100)	100	M71-R4300
Fig. 32	M71-33-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	M71-33-427-YL	B-427	Vinyl	Yellow	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	BM71-34-427	B-427	Vinyl	White	Cables	1.500 (38.100)	6.000 (152.400)	1.500 (38.100)	500	M71-R4300
Fig. 32	M71-34-427	B-427	Vinyl	White	Cables	1.500 (38.100)	6.000 (152.400)	1.500 (38.100)	50	M71-R4300
Fig. 32	M71-66-427	B-427	Vinyl	White	Cables	1.938 (49.230)	3.150 (80.000)	1.000 (25.400)	100	M71-R4300
Fig. 32	M71-10-427	B-427	Vinyl	White	16-10	0.250 (6.350)	0.750 (19.050)	0.375 (9.530)	750	M71-R4300
Fig. 32	BM71-11-427	B-427	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	0.375 (9.530)	5000	M71-R4300
Fig. 32	M71-11-427	B-427	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	0.375 (9.530)	500	M71-R4300
Fig. 32	M71-96-427	B-427	Vinyl	White	16-10	1.000 (25.400)	0.750 (19.050)	0.375 (9.530)	250	M71-R4300
Fig. 32	BM71-17-427	B-427	Vinyl	White	12-10	0.500 (12.700)	1.000 (25.400)	0.375 (9.530)	5000	M71-R4300
Fig. 32	M71-17-427	B-427	Vinyl	White	12-10	0.500 (12.700)	1.000 (25.400)	0.375 (9.530)	500	M71-R4300
Fig. 32	BM71-19-427	B-427	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	2500	M71-R4300
Fig. 32	M71-19-427	B-427	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-19-427-YL	B-427	Vinyl	Yellow	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-104-427	B-427	Vinyl	White	12-10	1.500 (38.100)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-28-427	B-427	Vinyl	White	10-4	0.250 (6.350)	1.500 (38.100)	0.500 (12.700)	750	M71-R4300
Fig. 32	BM71-29-427	B-427	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	0.500 (12.700)	5000	M71-R4300
Fig. 32	M71-29-427	B-427	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 32	BM71-18-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.000 (25.400)	0.375 (9.530)	2500	M71-R4300
Fig. 32	M71-18-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	BM71-30-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	2500	M71-R4300
Fig. 32	M71-30-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-BL	B-427	Vinyl	Blue	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-PL	B-427	Vinyl	Purple	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-RD	B-427	Vinyl	Red	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-103-427	B-427	Vinyl	White	10-4	1.000 (25.400)	1.250 (31.750)	0.500 (12.700)	250	M71-R4300
Fig. 32	BM71-31-427	B-427	Vinyl	White	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	2500	M71-R4300
Fig. 32	M71-31-427	B-427	Vinyl	White	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-GN	B-427	Vinyl	Green	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-RD	B-427	Vinyl	Red	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-YL	B-427	Vinyl	Yellow	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 29	M71-30-427-AW	B-427	Vinyl	White	10-4	1.500 (38.100)	0.750 (19.050)	—	250	M71-R4300
Fig. 32	BM71-32-427	B-427	Vinyl	White	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	1000	M71-R4300
Fig. 32	M71-32-427	B-427	Vinyl	White	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-32-427-YL	B-427	Vinyl	Yellow	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-88-427	B-427	Vinyl	White	10-4	1.750 (44.450)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	BM71-107-427	B-427	Vinyl	White	10-4	2.000 (50.800)	1.500 (38.100)	0.500 (12.700)	1000	M71-R4300
Fig. 32	M71-107-427	B-427	Vinyl	White	10-4	2.000 (50.800)	1.500 (38.100)	0.500 (12.700)	100	M71-R4300

* "B" indicates bulk roll.

Approx. wire gauge based on AWG for THHN wire.

BMP®71 Wire & Cable Materials:

PermaSleeve® Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

3:1 shrink ratio heat shrinkable sleeve fits snugly around wire for permanent identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

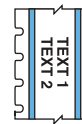


Figure 58

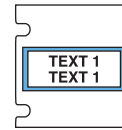


Figure 44



- SAE-AMS-DTL-23053/5C (Class 1)
- RoHS Compliant
- SAE-AS-81531
- UL Recognized
- MIL-STD-202

Tested per: ASTM E162 and ASTM E662

Diagram	Part Number	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm)	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
Fig. 44	M71-94-1-342	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-94-1-342YL	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-94-175-342	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-94-175-342YL	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342YL	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-125-342	1 Roll (cont.)	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (6.0)	M71-R4300
Fig. 44	BM71-125-1-342	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342YL	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-125-175-342	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-125-175-342YL	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342YL	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-187-342	1 Roll (cont.)	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.5)	M71-R4300
Fig. 44	BM71-187-1-342	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-1-342YL	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342YL	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-175-342	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-187-175-342YL	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342YL	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-250-342	1 Roll (cont.)	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	M71-R4300
Fig. 44	BM71-250-1-342	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342YL	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-250-175-342	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-250-175-342YL	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342YL	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-375-342	1 Roll (cont.)	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.645 (16.4)	M71-R4300
Fig. 44	BM71-375-1-342	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-375-175-342	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-500-342	1 Roll (cont.)	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	0.851 (21.6)	M71-R4300
Fig. 44	BM71-500-1-342	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-1-342YL	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342YL	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-175-342	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-500-175-342YL	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342YL	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-1-342	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-1000-1-342YL	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 58	BM71C-1000-342	1 Roll (cont.)	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.660 (42.2)	M71-R4300
Fig. 44	BM71-1000-175-342	500	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342YL	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300

* "B" indicates bulk roll.

Approx. wire gauge based on AWG for THHN wire.

BMP®71 Printer Ribbons on page 68.

Full Material Properties on page 187.

BMP®71 Materials

www.BradyID.com/bmp71

BMP®71 Wire & Cable Materials:

Self-Extinguishing Materials

- **B-642 Material** - Self-extinguishing material used for wire & cable marking applications, particularly in aerospace, defense and mass transit industries.
- **B-472 Polyimide Material** - Polyimide material specifically designed to self-extinguish and prevent flames from propagating.

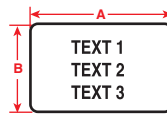


Figure 29

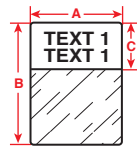


Figure 32



Diagram	Catalog #	B#	Material	Color	Approx. Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels Per Roll	Rec. Ribbon
B-642 Matte Tedlar® Material										
Fig 32	M71-19-642	B-642	Tedlar	White	12 to 10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig 32	M71-31-642	B-642	Tedlar	White	10 to 4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R6200
Fig 32	M71-21-642	B-642	Tedlar	White	25 Pair Copper	1.000 (25.400)	2.500 (63.500)	0.750 (38.1)	100	M71-R6200
B-472 Matte Polyimide Material										
Fig 29	M71-9-472	B-472	Polyimide	White	16-10	0.200 (5.1)	0.650 (25.4)	-	750	M71-R4300
Fig 29	M71-10-472	B-472	Polyimide	White	16-10	0.250 (6.4)	0.750 (25.4)	-	750	M71-R4300
Fig 29	M71-30-472	B-472	Polyimide	White	16-10	1.500 (38.1)	0.750 (38.1)	-	250	M71-R4300
Fig 29	M71-15-472	B-472	Polyimide	White	12-10	0.275 (7.0)	1.000 (25.4)	-	750	M71-R4300
Fig 29	M71-17-472	B-472	Polyimide	White	12-10	0.500 (12.7)	1.000 (25.4)	-	500	M71-R4300
Fig 29	M71-19-472	B-472	Polyimide	White	12-10	1.000 (25.4)	1.000 (25.4)	-	250	M71-R4300
Fig 29	M71-21-472	B-472	Polyimide	White	12-10	2.500 (63.5)	1.000 (38.1)	-	100	M71-R4300
Fig 29	M71-29-472	B-472	Polyimide	White	10-4	0.500 (12.7)	1.500 (19.1)	-	500	M71-R4300
Fig 29	M71-31-472	B-472	Polyimide	White	10-4	1.000 (25.4)	1.500 (16.5)	-	250	M71-R4300
Fig 33	M71C-1000-472	B-472	Polyimide	White	-	1.000 (25.4)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1000-472-YL	B-472	Polyimide	Yellow	-	1.000 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1500-472	B-472	Polyimide	White	-	1.500 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1500-472-YL	B-472	Polyimide	Yellow	-	1.500 (50.8)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-2000-472	B-472	Polyimide	White	-	2.000 (50.8)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-2000-472-YL	B-472	Polyimide	Yellow	-	2.000 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300

Approx. wire gauge based on AWG for THHN wire.
TEDLAR® is a registered trademark of DuPont.

BMP®71 Wire & Cable Materials:

Voice/Data Comm Materials

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

- **B-412 Polypropylene Tag Material** - Designed for high legibility and tensile strength.
- **B-422 Polyester Material** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.

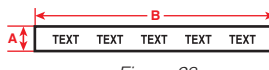


Figure 28

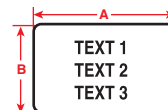


Figure 29

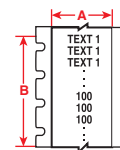


Figure 30

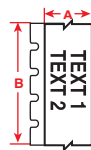


Figure 33

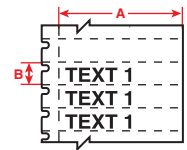


Figure 55



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-412 Polypropylene Tag Material								
Fig. 28	M71C-230-412	B-412	Polyethylene	White	0.230 (5.840)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-375-412	B-412	Polyethylene	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-475-412	B-412	Polyethylene	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-500-412	B-412	Polyethylene	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-625-412	B-412	Polyethylene	White	0.625 (15.900)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-785-412	B-412	Polyethylene	White	0.785 (19.940)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 55	BM71-40-412	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	5000	M71-R6200
Fig. 55	M71-40-412	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	750	M71-R6200
B-422 Polyester Material								
Fig. 33	M71C-375-422	B-422	Polyester	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 30	M71C-475-422	B-422	Polyester	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-422	B-422	Polyester	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-625-422	B-422	Polyester	White	0.625 (15.880)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-422	B-422	Polyester	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-45-422	B-422	Polyester	White	1.500 (38.100)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-30-422	B-422	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 33	M71C-1900-422	B-422	Polyester	White	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	BM71-20-422	B-422	Polyester	White	2.000 (50.800)	1.000 (25.400)	1000	M71-R6000
Fig. 29	M71-37-422	B-422	Polyester	White	3.000 (76.200)	1.900 (48.260)	100	M71-R6000

* "B" indicates bulk roll.

BMP®71 Printer Ribbons on page 68.
Full Material Properties on page 187.

BMP®71 Raised Panel Materials:

Rectangular Raised Panel Materials

- **B-593 Foam Backed Polyester Material** - Customized legend plates with less hassle and wasted time than engraved plates. RoHS compliant and UL approved. Aggressive adhesive and solvent resistance makes them a great replacement for engraved tags.

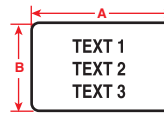


Figure 29



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Roll	Rec. Ribbon
Fig. 29	M71EP-171-593	B-593	Polyester	White	1.060 (26.920)	0.490 (12.450)	200	M71-R6000
Fig. 29	M71EP-173-593	B-593	Polyester	White	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71EP-176-593	B-593	Polyester	White	3.000 (76.200)	1.000 (25.400)	50	M71-R6000
Fig. 29	M71EP-174-593	B-593	Polyester	White	4.000 (101.600)	1.000 (25.400)	50	M71-R6000
Fig. 29	M71EP-171-593-YL	B-593	Polyester	Yellow	1.060 (26.920)	0.490 (12.450)	200	M71-R6000
Fig. 29	M71EP-173-593-YL	B-593	Polyester	Yellow	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71EP-176-593-YL	B-593	Polyester	Yellow	3.000 (76.200)	1.000 (25.400)	50	M71-R6000
Fig. 29	M71EP-174-593-YL	B-593	Polyester	Yellow	4.000 (101.600)	1.000 (25.400)	50	M71-R6000
Fig. 29	M71EP-171-593-BK	B-593	Polyester	Black	1.060 (26.920)	0.490 (12.450)	200	M71-R4400-WT
Fig. 29	M71EP-173-593-BK	B-593	Polyester	Black	2.000 (50.800)	1.000 (25.400)	100	M71-R4400-WT
Fig. 29	M71EP-176-593-BK	B-593	Polyester	Black	3.000 (76.200)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-BK	B-593	Polyester	Black	4.000 (101.600)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-171-593-GN	B-593	Polyester	Green	1.060 (26.920)	0.490 (12.450)	200	M71-R4400-WT
Fig. 29	M71EP-173-593-GN	B-593	Polyester	Green	2.000 (50.800)	1.000 (25.400)	100	M71-R4400-WT
Fig. 29	M71EP-176-593-GN	B-593	Polyester	Green	3.000 (76.200)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-GN	B-593	Polyester	Green	4.000 (101.600)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-171-593-RD	B-593	Polyester	Red	1.060 (26.920)	0.490 (12.450)	200	M71-R4400-WT
Fig. 29	M71EP-173-593-RD	B-593	Polyester	Red	2.000 (50.800)	1.000 (25.400)	100	M71-R4400-WT
Fig. 29	M71EP-176-593-RD	B-593	Polyester	Red	3.000 (76.200)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-RD	B-593	Polyester	Red	4.000 (101.600)	1.000 (25.400)	50	M71-R4400-WT
Fig. 29	M71EP-171-593-SL	B-593	Polyester	Silver	1.060 (26.920)	0.490 (12.450)	200	M71-R6000
Fig. 29	M71EP-173-593-SL	B-593	Polyester	Silver	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71EP-174-593-SL	B-593	Polyester	Silver	4.000 (101.600)	1.000 (25.400)	50	M71-R6000

BMP®71 Raised Panel Materials:

Push Button Control Raised Panel Materials

- **B-593 Foam Backed Polyester Material** - Customized legend plates with less hassle and wasted time than engraved plates. RoHS compliant and UL approved. Aggressive adhesive and solvent resistance makes them a great replacement for engraved tags.

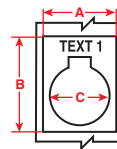


Figure 49



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Diameter C Inch (mm)	Labels Per Roll	Rec. Ribbon
Fig. 49	M71EP-167-593	B-593	Polyester	White	1.200 (30.480)	1.500 (38.100)	0.885 (22.500)	100	M71-R6000
Fig. 49	M71EP-168-593	B-593	Polyester	White	1.200 (30.480)	1.900 (48.260)	0.885 (22.500)	100	M71-R6000
Fig. 49	M71EP-169-593	B-593	Polyester	White	1.800 (45.720)	1.800 (45.720)	1.200 (30.500)	100	M71-R6000
Fig. 49	M71EP-167-593-YL	B-593	Polyester	Yellow	1.200 (30.480)	1.500 (38.100)	0.885 (22.500)	100	M71-R6000
Fig. 49	M71EP-168-593-YL	B-593	Polyester	Yellow	1.200 (30.480)	1.900 (48.260)	0.885 (22.500)	100	M71-R6000
Fig. 49	M71EP-169-593-YL	B-593	Polyester	Yellow	1.800 (45.720)	1.800 (45.720)	1.200 (30.500)	100	M71-R6000
Fig. 49	M71EP-167-593-BK	B-593	Polyester	Black	1.200 (30.480)	1.500 (38.100)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-BK	B-593	Polyester	Black	1.200 (30.480)	1.900 (48.260)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-BK	B-593	Polyester	Black	1.800 (45.720)	1.800 (45.720)	1.200 (30.500)	100	M71-R4400-WT
Fig. 49	M71EP-167-593-GN	B-593	Polyester	Green	1.200 (30.480)	1.500 (38.100)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-GN	B-593	Polyester	Green	1.200 (30.480)	1.900 (48.260)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-GN	B-593	Polyester	Green	1.800 (45.720)	1.800 (45.720)	1.200 (30.500)	100	M71-R4400-WT
Fig. 49	M71EP-167-593-RD	B-593	Polyester	Red	1.200 (30.480)	1.500 (38.100)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-RD	B-593	Polyester	Red	1.200 (30.480)	1.900 (48.260)	0.885 (22.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-RD	B-593	Polyester	Red	1.800 (45.720)	1.800 (45.720)	1.200 (30.500)	100	M71-R4400-WT

BMP®71 Circuit Board Identification Materials:

Circuit Board & Component ID Materials

Various materials for relays, solenoids, PCB's, electronic components and more.

- **B-423 Polyester Material** - White glossy polyester
- **B-426 Polyimide Material** - Amber matte polyimide with permanent adhesive; can survive on the top or bottom side of PCB's through the solder process
- **B-428 Polyester Material** - metallized matte polyester
- **B-457 Polyimide Material** - white glossy polyimide with permanent adhesive; can survive through the solder process

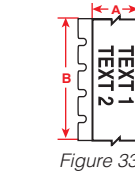


Figure 33

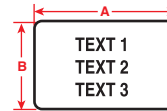


Figure 29



For Component Labeling

Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)		Label Height B Inch (mm)		Labels/Roll	Rec. Ribbon
B-423 Permanent Polyester Material										
Fig. 29	M71-1-423	B-423	Polyester	White	0.250	(6.350)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-3-423	B-423	Polyester	White	0.375	(9.530)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-4-423	B-423	Polyester	White	0.400	(10.160)	0.400	(10.160)	500	M71-R6000
Fig. 33	M71C-500-423	B-423	Polyester	White	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-5-423	B-423	Polyester	White	0.500	(12.700)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-6-423	B-423	Polyester	White	0.500	(12.700)	0.280	(6.990)	750	M71-R6000
Fig. 29	BM71-7-423	B-423	Polyester	White	0.500	(12.700)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-7-423	B-423	Polyester	White	0.500	(12.700)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-9-423	B-423	Polyester	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-10-423	B-423	Polyester	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-13-423	B-423	Polyester	White	0.900	(22.860)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-14-423	B-423	Polyester	White	1.000	(25.400)	0.187	(4.750)	750	M71-R6000
Fig. 29	M71-15-423	B-423	Polyester	White	1.000	(25.400)	0.275	(6.990)	750	M71-R6000
Fig. 29	BM71-16-423	B-423	Polyester	White	1.000	(25.400)	0.375	(9.530)	5000	M71-R6000
Fig. 29	M71-16-423	B-423	Polyester	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000
Fig. 29	BM71-17-423	B-423	Polyester	White	1.000	(25.400)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-17-423	B-423	Polyester	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	BM71-19-423	B-423	Polyester	White	1.000	(25.400)	1.000	(25.400)	2500	M71-R6000
Fig. 29	M71-19-423	B-423	Polyester	White	1.000	(25.400)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-24-423-BK	B-423	Polyester	Black Border	1.130	(28.700)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-25-423	B-423	Polyester	White	1.250	(31.750)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-27-423	B-423	Polyester	White	1.500	(38.100)	0.125	(3.180)	750	M71-R6000
Fig. 29	M71-28-423	B-423	Polyester	White	1.500	(38.100)	0.250	(6.350)	750	M71-R6000
Fig. 29	BM71-29-423	B-423	Polyester	White	1.500	(38.100)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-29-423	B-423	Polyester	White	1.500	(38.100)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-31-423	B-423	Polyester	White	1.500	(38.100)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-32-423	B-423	Polyester	White	1.500	(38.100)	1.500	(38.100)	250	M71-R6000
Fig. 29	M71-2-423	B-423	Polyester	White	2.000	(50.800)	0.250	(6.350)	100	M71-R6000
Fig. 29	BM71-20-423	B-423	Polyester	White	2.000	(50.800)	1.000	(25.400)	1000	M71-R6000
Fig. 29	M71-20-423	B-423	Polyester	White	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-26-423	B-423	Polyester	White	2.750	(69.850)	1.250	(31.750)	100	M71-R6000
Fig. 29	M71-22-423	B-423	Polyester	White	3.000	(76.200)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-37-423	B-423	Polyester	White	3.000	(76.200)	1.900	(48.260)	100	M71-R6000
Fig. 29	M71-23-423	B-423	Polyester	White	4.000	(101.600)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-38-423	B-423	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000
B-428 Metallized Polyester Material										
Fig. 29	M71-15-428	B-428	Polyester	Silver	1.000	(25.400)	0.275	(6.990)	750	M71-R4300
Fig. 29	BM71-17-428	B-428	Polyester	Silver	1.000	(25.400)	0.500	(12.700)	5000	M71-R4300
Fig. 29	M71-17-428	B-428	Polyester	Silver	1.000	(25.400)	0.500	(12.700)	500	M71-R4300
Fig. 29	M71-29-428	B-428	Polyester	Silver	1.500	(38.100)	0.500	(12.700)	500	M71-R4300
Fig. 29	BM71-20-428	B-428	Polyester	Silver	2.000	(50.800)	1.000	(25.400)	1000	M71-R4300
Fig. 29	M71-20-428	B-428	Polyester	Silver	2.000	(50.800)	1.000	(25.400)	100	M71-R4300
Fig. 29	M71-26-428	B-428	Polyester	White	2.750	(69.850)	1.250	(31.750)	100	M71-R4300
Fig. 29	M71-22-428	B-428	Polyester	Silver	3.000	(76.200)	1.000	(25.400)	100	M71-R4300
Fig. 29	M71-38-428	B-428	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R4300

For Circuit Board Labeling

B-426 Matte Polyimide Material										
Fig. 29	M71-9-426	B-426	Polyimide	Amber	0.650	(16.510)	0.200	(5.080)	750	M71-R4300
Fig. 29	M71-13-426	B-426	Polyimide	Amber	0.900	(22.860)	0.250	(6.350)	750	M71-R4300
Fig. 29	M71-16-426	B-426	Polyimide	Amber	1.000	(25.400)	0.375	(9.530)	500	M71-R4300
Fig. 29	M71-17-426	B-426	Polyimide	Amber	1.000	(25.400)	0.500	(12.700)	500	M71-R4300
Fig. 29	M71-28-426	B-426	Polyimide	Amber	1.500	(38.100)	0.250	(6.350)	750	M71-R4300
B-457 Glossy Polyimide Material										
Fig. 29	M71-3-457	B-457	Polyimide	White	0.375	(9.530)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-10-457	B-457	Polyimide	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-16-457	B-457	Polyimide	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000

* "B" indicates bulk roll.

BMP®71 Printer Ribbons on page 68.
Full Material Properties on page 187.

BMP®71 Circuit Board Identification Materials:

Electrostatic Dissipative Materials

Low profile polyimide and polyester materials that have static dissipative properties. Primarily used for printed circuit boards and electronic component labeling.

- **B-473 Electrostatic Dissipative Polyester Material** - White glossy polyester with a permanent static dissipative adhesive and liner.
- **B-477 Electrostatic Dissipative Polyimide Material** - High temperature white glossy polyimide material (2 mil) with a permanent static dissipative adhesive and liner for PCB identification.
- **B-478 Electrostatic Dissipative Polyimide Material** - High temperature, low profile white glossy polyimide material (1 mil) with a permanent static dissipative adhesive and liner for PCB identification.

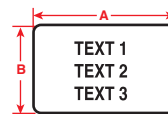


Figure 29

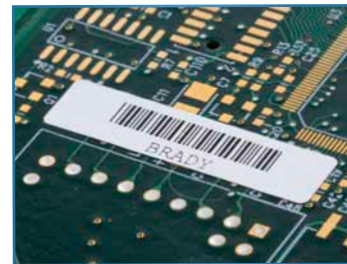


Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels/Roll	Rec. Ribbon
B-473 Glossy Polyester Material										
Fig. 29	M71-6-473	B-473	Polyester	White	0.500	(12.700)	0.275	(6.990)	750	M71-R6000
Fig. 29	M71-9-473	B-473	Polyester	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-10-473	B-473	Polyester	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-16-473	B-473	Polyester	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-17-473	B-473	Polyester	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-28-473	B-473	Polyester	White	1.500	(38.100)	0.250	(6.350)	750	M71-R6000
B-477 Glossy Static Dissipative Polyimide Material										
Fig. 29	M71-14-477	B-477	Polyimide	White	1.000	(25.400)	0.187	(4.750)	750	M71-R6000
Fig. 29	M71-2-477	B-477	Polyimide	White	2.000	(50.800)	0.250	(6.350)	100	M71-R6000
B-478 Glossy Low Profile Static Dissipative Polyimide Material										
Fig. 29	M71-4-478	B-478	Polyimide	White	0.400	(10.160)	0.400	(10.160)	500	M71-R6000
Fig. 29	M71-9-478	B-478	Polyimide	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-25-478	B-478	Polyimide	White	1.250	(31.750)	0.250	(6.350)	750	M71-R6000

BMP®71 Tamper Indicating Materials:

Tamper Indicating Materials

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

- **B-351 Destructible Vinyl Material** - White vinyl material with matte finish and permanent adhesive.
- **B-352 Destructible Vinyl Material** - Metallized vinyl material with matte finish and permanent adhesive.
- **B-530 Tamper-Resistant Vinyl Material**

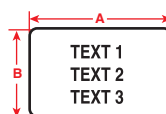


Figure 29

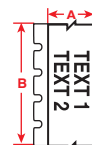


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)		Label Height B Inch (mm)		Labels/Roll	Rec. Ribbon
B-351 Destructible Vinyl Material										
Fig. 29	M71-17-351	B-351	Vinyl	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6200
Fig. 29	M71-31-351	B-351	Vinyl	White	1.500	(38.100)	1.000	(25.400)	250	M71-R6200
Fig. 29	M71-20-351	B-351	Vinyl	White	2.000	(50.800)	1.000	(25.400)	100	M71-R6200
Fig. 29	M71-37-351	B-351	Vinyl	White	3.000	(76.200)	1.900	(48.260)	100	M71-R6200
B-352 Destructible Vinyl Material										
Fig. 29	M71-17-352	B-352	Vinyl	Silver	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-31-352	B-352	Vinyl	Silver	1.500	(38.100)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-20-352	B-352	Vinyl	Silver	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-37-352	B-352	Vinyl	Silver	3.000	(76.200)	1.900	(48.260)	100	M71-R6000
B-530 Tamper-Resistant Vinyl Material										
Fig. 33	M71C-500-530	B-530	Vinyl	White	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-530	B-530	Vinyl	White	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-530	B-530	Vinyl	White	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000

BMP®71 Print Ribbons

www.BradyID.com/bmp71

Portable Label Printers

BMP®71 Printer Ribbons

Note: Black Ribbon M71-R6000 included with BMP71 printer purchase.

Part Number	Color	Size	Part Number	Color	Size	Part Number	Color	Size
M71-R4300	Black	150' (45.72 m)	M71-R6600	Black	150' (45.72 m)	M71-R6900-BL	Blue	150' (45.72 m)
M71-R6000	Black	150' (45.72 m)	M71-R4400-WT	White	150' (45.72 m)	M71-R6900-GN	Green	150' (45.72 m)
M71-R6200	Black	150' (45.72 m)	M71-R6800-WT	White	120' (36.58 m)	M71-R6900-MA	Magenta	150' (45.72 m)
M71-R6400	Black	150' (45.72 m)	M71-R6900-RD	Red	150' (45.72 m)	M71-R6900-YL	Yellow	150' (45.72 m)



BMP®71 Print Ribbon / Material Compatibility

B-Number	Material	M71-R4300 (Black)	M71-R6000 (Black)	M71-R6200 (Black)	M71-R6400 (Black)	M71-R6600 (Black)	M71-R4400-WT (White)	M71-R6800-WT (White)	M71-R6900 (Colors)
B-109	Polyethylene Tags	●	-	▲	-	-	-	-	-
B-145	Polyethylene Tags	-	●	▲	-	-	▲	-	-
B-145FR	Polyethylene Tags	-	●	▲	-	-	▲	-	▲
B-321*	Polyolefin	-	-	●	-	-	-	-	-
B-342	PermaSleeve® Polyolefin	●	-	-	-	▲	-	-	-
B-345*	High Temp PermaSleeve®	-	▲	-	-	●	-	▲	-
B-351	Destructible Vinyl	-	▲	●	-	-	-	-	▲
B-352	Destructible Vinyl	-	●	-	-	-	-	-	▲
B-353*	Paper	●	-	-	-	-	-	-	-
B-390*	DuraSleeve® Polypropylene	-	●	-	-	-	-	-	▲
B-412	Polypropylene Tags	▲	-	●	-	-	-	-	-
B-422	Polyester	-	● UL	-	-	-	-	-	▲
B-423	Polyester	-	● UL	▲	-	-	-	-	▲
B-424	Paper	●	-	-	-	-	-	-	▲
B-425	Polypropylene	●	-	▲	-	-	-	-	-
B-426	Polyimide	●	-	-	-	-	-	-	-
B-427	Vinyl	● UL	-	▲	-	-	-	-	-
B-428	Polyester	● UL	-	▲	-	-	-	-	-
B-430	Polyester	-	● UL	▲	-	-	▲	-	▲
B-432*	Polyester	-	● UL	-	-	-	▲	-	▲
B-433*	Polyester	-	● UL	-	-	-	▲	-	▲
B-435*	Polyester	-	● UL	-	-	-	▲	-	▲
B-439*	Vinyl	-	●	▲	-	-	▲	-	▲
B-457	Polyimide	-	● UL	-	-	-	-	-	-
B-459	Polyester	-	● UL	-	-	-	-	-	-
B-472	Polyimide	●	-	▲	-	-	-	-	-
B-473	Polyester	-	● UL	-	-	-	-	-	-
B-477	Polyimide	-	● UL	-	-	-	-	-	-
B-478	Polyimide	-	● UL	-	-	-	-	-	-
B-479*	Polyimide	-	● UL	-	-	-	-	-	-
B-483	Polyester	-	● UL	-	-	-	-	-	▲
B-486	Polyester	● UL	-	▲	-	-	-	-	-
B-488	Polyester	● UL	-	▲	-	-	-	-	-
B-489	Polyester	● UL	-	▲	-	-	-	-	-
B-495*	Polyethylene Napthalate	-	● UL	-	-	-	▲	-	▲
B-498	Vinyl Cloth	▲	▲	●	-	-	-	-	-
B-499	Nylon Cloth	● UL	▲	▲	-	-	-	-	▲
B-529	Polypropylene	-	●	-	-	-	-	-	▲
B-530	Tamper Resistant	-	●	-	-	-	-	-	▲
B-581	Vinyl	-	●	-	-	-	-	-	▲
B-582	Phosphorescent	-	●	-	-	-	▲	-	▲
B-584	Reflective	-	●	-	-	-	▲	-	▲
B-593	Polyester	-	●	-	-	-	▲	-	-
B-595	Vinyl	-	●	-	-	-	-	-	▲
B-7531*	Metalized Polyester	●	-	-	-	-	-	-	-
B-7536*	Polyester	-	-	●	-	-	-	-	-
B-7546*	Void Footprint Polyester	-	● UL	-	-	-	▲	-	▲
B-7551*	Polyester	-	-	●	-	-	-	-	-
B-7566*	Void Footprint Polyester	-	●	-	-	-	▲	-	▲
B-7576*	Void Footprint Polyester	● UL	-	-	-	-	-	-	-
B-7593*	Polyethylene	-	●	-	-	-	▲	-	▲
B-7596*	Vinyl	-	-	●	-	-	-	-	-
B-7597*	Polyethylene	●	-	-	-	-	-	-	-
B-7599*	Polyethylene Tag	●	-	-	-	-	-	-	-
B-7643*	Thermoplastic Polyether Polyurethane	●	-	-	-	▲	-	▲	-
B-7696*	Vinyl Tag	-	●	-	-	-	▲	-	▲
B-8425*	Polypropylene	-	● UL	-	-	-	-	-	▲

*Materials available for the TLS®2200 that also work in the BMP®71 Label Printer.
For more information on Brady materials, visit www.BradyID.com/techdata.

● Rec. Ribbon for use with respective material.
▲ Acceptable ribbon for use with respective material.
UL These materials are UL recognized with its respective ribbon.