



# M510

**LABEL PRINTER**

**Powerful precision**  
Elevated experience

# ALL-DAY POWER

## Every day durability

The perfect companion for your project workspace, the M510 works fast to deliver high-quality labels day in and day out. Whether you're in a lab, field or facility, this printer works as hard as you do. Design and print up to 1.5" labels on demand with a QWERTY keypad or create labels in batches at the office with Brady Workstation software.

The M510 Label Printer. **Built to last.**



**Built to withstand 4' drops**



**Choose from 250+ cartridges and 26+ high-performance materials**



**Print 4,400\* labels on a full charge**

\*With high-capacity Li-ION battery, sold separately. Included with all M510 Printer Kits.





▶ Learn more at [BradyID.com/M510](https://BradyID.com/M510)  
or scan to watch the overview video



# MANAGE DATA WITH EASE

## LABEL WITH CONFIDENCE

Punch in data like a pro with the M510. This printing powerhouse quickly delivers high-volume, high-quality labels so you can power through the day. Purpose-built to fit in tight spaces and work with your workspace. Create labels up to 1.5" with the keypads or PC and choose from 250+ hassle-free cartridges. Power through the day with the M510.





**A Works where you do**

Import and save files, lists and graphics through USB port



**B Longer life**

Choose between high-capacity Li-ION\* or NiMH battery



**C Faster changeovers**

Hassle-free cartridges with auto-detection



**D Label with accuracy**

Less than 0.06" of label waste with edge-to-edge printing; 300 dpi print quality



**M510 accessory**

*Magnet*

More time-saving tools to get the job done. See page 22

# MORE OPTIONS. MORE APPLICATIONS. **MORE PROFESSIONAL**

Use the M510 for more. No matter what the job demands, you can import data files with ease, auto format with accuracy and label with confidence.

## Made to get the job done



Rugged, industrial design – withstands 4' drops



Powered by possibilities – 250+ cartridges and 26+ high-performance materials



Advanced battery technology – prints 4,400\* labels on a single charge

## Wide range of data entry options



Easily auto format, import and export files



Upload lists and graphics to the printer through USB 2.0 port (Type A and B) or USB flash drive



Save label files on board and easily print from wherever your work takes you



Design and print labels on demand using the two printer keypads or desktop software

# More data entry options to get the job done

Create identification the easy way with the M510 printer + software system. With it, you can design and print labels seamlessly – wherever and whenever you need them.



Label file created in the office



Labels uploaded to a USB flash drive



Labels printed in the field

## Brady Workstation software:

- ▶ 20+ barcode types
- ▶ 85+ fonts
- ▶ 1,400+ symbols
- ▶ Microsoft Excel data imports
- ▶ Label sequencing
- ▶ Label saving and sharing
- ▶ Accurate print preview
- ▶ Real-time printer status

## Work the way your work demands



**QWERTY KEYPAD**



**NUMERIC KEYPAD**



**DESKTOP SOFTWARE**

# DESIGN AND PRINT **LIKE A PRO**

## Industrial dependability

The M510 has hundreds of different labeling options that get the job done faster, easier and with more confidence. Driven by smart technology, it integrates data sources and label designs into one smooth system that saves time and removes the risk of costly errors. Reliable and efficient, the M510 is our fastest cartridge-based printer yet.

## Your time- and cost-saving benefits include:



**DECREASED  
SETUP TIME**



**FEWER  
LABEL ERRORS**



**COMPLIANT  
LABEL CREATION**



**REDUCED  
MATERIAL WASTE**

## Get the job done right on any jobsite

Optimize your performance with Brady materials



### LABS

- ▶ Do more with a surplus of sizes, colors and materials
- ▶ Easily locate equipment, assets and batches
- ▶ Confidently label in the coldest, harshest environments



### SAFETY & FACILITY AND LEAN 5S

- ▶ Pipe markers, tool kits and bins
- ▶ See bigger text from safer distances
- ▶ Communicate info better: safety, caution & compliance



### WIRE & CABLE AND ELECTRICAL

- ▶ Use 1 tool for multiple on-site applications
- ▶ Create pre-set label options
- ▶ Wrap, sleeve, tag and flag through challenging work



## Enjoy a more premium labeling experience with optimized Brady Authentic materials

Authentic materials work seamlessly with Brady printers to produce enhanced performance and reliability you just don't get with materials from the "other guys." Get authentic. Get better with Brady.



# Hundreds of purpose-built materials. The highly specialized labels you need.

Brady has you covered with the widest range of colors, finishes and targeted applications in the industry.



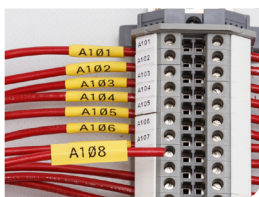
## All-Weather

Get extra durability outdoors and in tough, industrial workspaces. Choose labels that are reflective or resistant to UV light, chemicals, salt spray and cleaners.



## Flags

Create easy-to-read, permanent identification for wires and cables or to track assets in labs and manufacturing environments.



## Heat Shrink

Choose industrial grade, heat-shrinkable sleeve labels for long-lasting wire and cable identification. Built to Naval Air Systems Command (NAVAIR) and industry-specific standards.



## Laboratory

Ensure lab samples remain legible, scannable and trackable in every extreme process: cryogenic, staining, solvents and processing fluids.



## Metallized

Use professional metallic-looking labels for rating plates, name plates and general identification of industrial products.



## Multi-Purpose

Rely on white or clear labels for just about any industrial application that involves high or low temperatures, harsh environments or regulatory specifications. Choose from various adhesion types: standard, aggressive adhesive, ultra-aggressive adhesive or repositionable.



## Paper

Use low-cost, smear-resistant paper labels for identifying just about anything in labs or industrial settings.



## Tags and Inserts

Get added durability from tags that are engineered for extreme temperatures and abrasion. Use them to wrap wire or cable bundles in patch panels and outlets.



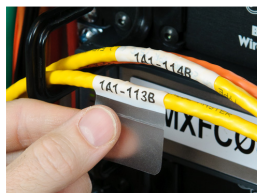
## Tamper Evident

Ensure product and sample integrity with tamper-evident labels. Choose from labels that fracture easily, or destruct upon removal.



## Unique Material

Get a grip on your wire and cable identification – Brady and VELCRO® Brand have partnered to bring you BradyGrip® Print-on Hook Material, an exclusive print-and-place material that can be easily applied, repositioned or removed.



## Wrap Around

Protect important wire and cable ID using labels with a clear laminating barrier. The clear vinyl resists abrasions and chemicals while keeping the white printable area intact.

## Enjoy a more premium labeling experience with optimized Brady Authentic materials



Authentic materials work seamlessly with Brady printers to produce enhanced performance and reliability you just don't get with materials from the "other guys." Get authentic. Get better with Brady.



# All-Weather

Get extra durability outdoors and in tough, industrial workspaces. Choose labels that are reflective or resistant to UV light, chemicals, salt spray and cleaners.



## All-Weather Vinyl Labels

Make labels that withstand up to 10 years of outdoor abuse with this low-shrink vinyl label material (B-595).

Temp. range: -40° F to 180° F (-40° C to 82° C). UL recognized

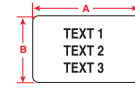


Figure 29

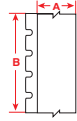


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-11-595	B-595	Vinyl	Black on White	Gloss	0.750 (19.1)	0.500 (12.7)	360	Fig 29
M4-17-595	B-595	Vinyl	Black on White	Gloss	1.000 (25.4)	0.500 (12.7)	360	Fig 29
M4-49-595	B-595	Vinyl	Black on White	Gloss	1.000 (25.4)	1.000 (25.4)	160	Fig 29
M4-7-595	B-595	Vinyl	Black on White	Gloss	0.500 (12.7)	0.500 (12.7)	280	Fig 29
M4-22-595	B-595	Vinyl	Black on White	Gloss	3.000 (76.2)	1.000 (25.4)	100	Fig 29
M5-31-595	B-595	Vinyl	Black on White	Gloss	1.500 (38.1)	1.000 (25.4)	250	Fig 29
M4C-1000-595-BK-WT	B-595	Vinyl	White on Black	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-BL-WT	B-595	Vinyl	White on Blue	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-CL-BK	B-595	Vinyl	Black on Clear	Gloss	1.000 (25.4)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-1000-595-CL-WT	B-595	Vinyl	White on Clear	Gloss	1.000 (25.4)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-1000-595-GN-WT	B-595	Vinyl	White on Green	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-OR-BK	B-595	Vinyl	Black on Orange	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-RD-WT	B-595	Vinyl	White on Red	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-WT-BK	B-595	Vinyl	Black on White	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-WT-RD	B-595	Vinyl	Red on White	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-1000-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-250-595-WT-BK	B-595	Vinyl	Black on White	Gloss	0.250 (6.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-250-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	0.250 (6.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-375-595-RD-WT	B-595	Vinyl	White on Red	Gloss	0.375 (9.5)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-375-595-WT-BK	B-595	Vinyl	Black on White	Gloss	0.375 (9.5)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-375-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	0.375 (9.5)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-BK-WT	B-595	Vinyl	White on Black	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-BL-WT	B-595	Vinyl	White on Blue	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-CL-BK	B-595	Vinyl	Black on Clear	Gloss	0.500 (12.7)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-500-595-CL-WT	B-595	Vinyl	White on Clear	Gloss	0.500 (12.7)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-500-595-GN-WT	B-595	Vinyl	White on Green	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-OR-BK	B-595	Vinyl	Black on Orange	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-RD-WT	B-595	Vinyl	White on Red	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-WT-BK	B-595	Vinyl	Black on White	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-WT-RD	B-595	Vinyl	Red on White	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-BK-WT	B-595	Vinyl	White on Black	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-BL-WT	B-595	Vinyl	White on Blue	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-CL-BK	B-595	Vinyl	Black on Clear	Gloss	0.750 (19.1)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-750-595-CL-WT	B-595	Vinyl	White on Clear	Gloss	0.750 (19.1)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M4C-750-595-GN-WT	B-595	Vinyl	White on Green	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-OR-BK	B-595	Vinyl	Black on Orange	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-RD-WT	B-595	Vinyl	White on Red	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-WT-BK	B-595	Vinyl	Black on White	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-WT-RD	B-595	Vinyl	Red on White	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-750-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	0.750 (19.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-BK-WT	B-595	Vinyl	White on Black	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-BL-WT	B-595	Vinyl	White on Blue	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-CL-BK	B-595	Vinyl	Black on Clear	Gloss	1.500 (38.1)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M5C-1500-595-CL-WT	B-595	Vinyl	White on Clear	Gloss	1.500 (38.1)	20 ft (6.1 m)	1 roll (cont.)	Fig 33
M5C-1500-595-GN-WT	B-595	Vinyl	White on Green	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-OR-BK	B-595	Vinyl	Black on Orange	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-RD-WT	B-595	Vinyl	White on Red	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-WT-BK	B-595	Vinyl	Black on White	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-WT-RD	B-595	Vinyl	Red on White	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-595-YL-BK	B-595	Vinyl	Black on Yellow	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33



## Retro Reflective All-Weather Labels

Increase safety and visibility with the B-584 highly-reflective label material. Print labels almost anywhere high visibility is needed.

Temp. range: -40° F to 158° F (-40° C to 70° C).  
Meets Federal Spec L-S-300 for reflectivity.

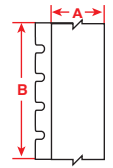


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4C-500-584	B-584	Plastic	Black on White	Gloss	0.500 (12.7)	20 (6.1)	1 roll (cont.)	Fig 33
M4C-500-584-YL	B-584	Plastic	Black on Yellow	Gloss	0.500 (12.7)	20 (6.1)	1 roll (cont.)	Fig 33
M4C-750-584	B-584	Plastic	Black on White	Gloss	0.750 (19.1)	20 (6.1)	1 roll (cont.)	Fig 33
M4C-750-584-YL	B-584	Plastic	Black on Yellow	Gloss	0.750 (19.1)	20 (6.1)	1 roll (cont.)	Fig 33
M5C-1000-584	B-584	Plastic	Black on White	Gloss	1.000 (25.4)	20 (6.1)	1 roll (cont.)	Fig 33
M5C-1000-584-YL	B-584	Plastic	Black on Yellow	Gloss	1.000 (25.4)	20 (6.1)	1 roll (cont.)	Fig 33
M5C-1500-584	B-584	Plastic	Black on White	Gloss	1.500 (38.1)	20 (6.1)	1 roll (cont.)	Fig 33
M5C-1500-584-YL	B-584	Plastic	Black on Yellow	Gloss	1.500 (38.1)	20 (6.1)	1 roll (cont.)	Fig 33

## Flags

Create easy-to-read, permanent identification for wires and cables or to track assets in labs and manufacturing environments.



### T-Flag or P-Flag Matte Polypropylene Labels

Easily flag cables and wires for maximum readability with this thermal transfer printable polypropylene flag label material (B-425).

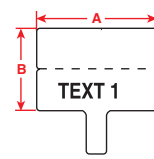


Figure 48

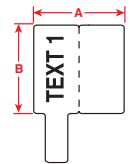
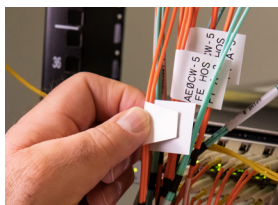


Figure 78

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-1-425-FP	B-425	Polypropylene	Black on White	Matte	0.788 (20.0)	1.180 (29.9)	120	Fig 78
M5-01-425-FT	B-425	Polypropylene	Black on White	Matte	1.180 (29.9)	0.788 (20.0)	200	Fig 48



### QuickFlag™ Ultra Aggressive Adhesive Multi-Purpose Polyester Labels

Quickly flag wires and cables with the B-483 QuickFlag™ material, featuring a tapered design to prevent mismatched edges and reduce wasted labels.

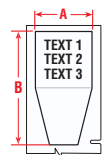


Figure 88c

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-214-483	B-483	Polyester	Black on White	Gloss	1.000 (25.4)	1.000 (25.4)	140	Fig 88c

# Heat Shrink

Choose industrial grade, heat-shrinkable sleeve labels for long lasting wire and cable identification. Built to Naval Air Systems Command (NAVAIR) and industry-specific standards.



## PermaSleeve® Heat-Shrink Labels

Permanently mark wires with the durable PermaSleeve® PS heat-shrink polyolefin sleeve label material (B-342).

Temp. range: -67° F to 275° F (-55° C to 130° C).  
RoHS compliant and UL recognized.

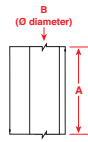


Figure 58

Catalog #	B#	Material	Color	Finish	Approx Wire Gauge	Diameter as supplied B inch (mm)	Recovered diameter inch (mm)	Label width A inch (mm)	Labels per roll	Figure
M4-125-075-342	B-342	Polyolefin	Black on White	Matte	22 AWG - 16 AWG	0.125 (3.2)	0.047 (1.2)	0.235 (5.97)	80	Fig 58
M4-187-075-342	B-342	Polyolefin	Black on White	Matte	20 AWG - 10 AWG	0.187 (4.8)	0.062 (1.6)	0.335 (8.51)	80	Fig 58
M4-250-075-342	B-342	Polyolefin	Black on White	Matte	16 AWG - 8 AWG	0.250 (6.4)	0.093 (2.4)	0.439 (11.2)	80	Fig 58
M4-375-075-342	B-342	Polyolefin	Black on White	Matte	12 AWG - 4 AWG	0.375 (9.5)	0.125 (3.2)	0.645 (16.4)	80	Fig 58
M5-125-1-342	B-342	Polyolefin	Black on White	Matte	22 AWG - 16 AWG	0.125 (3.2)	0.047 (1.2)	0.235 (5.97)	80	Fig 58
M5-187-1-342	B-342	Polyolefin	Black on White	Matte	20 AWG - 10 AWG	0.187 (2.6)	0.062 (1.6)	0.335 (8.51)	80	Fig 58
M5-250-1-342	B-342	Polyolefin	Black on White	Matte	16 AWG - 8 AWG	0.250 (6.4)	0.093 (2.4)	0.439 (11.2)	80	Fig 58
M5-375-1-342	B-342	Polyolefin	Black on White	Matte	12 AWG - 4 AWG	0.375 (9.5)	0.125 (3.2)	0.645 (16.4)	80	Fig 58
M4C-125-342	B-342	Polyolefin	Black on White	Matte	22 AWG - 16 AWG	0.125 (3.2)	0.047 (1.2)	0.235 (5.9)	1 roll (cont.)	Fig 58
M4C-125-342-YL	B-342	Polyolefin	Black on Yellow	Matte	22 AWG - 16 AWG	0.125 (3.2)	0.047 (1.2)	0.235 (5.9)	1 roll (cont.)	Fig 58
M4C-187-342	B-342	Polyolefin	Black on White	Matte	20 AWG - 10 AWG	0.187 (4.8)	0.062 (1.6)	0.335 (8.5)	1 roll (cont.)	Fig 58
M4C-187-342-YL	B-342	Polyolefin	Black on Yellow	Matte	20 AWG - 10 AWG	0.187 (4.8)	0.062 (1.6)	0.335 (8.5)	1 roll (cont.)	Fig 58
M4C-250-342	B-342	Polyolefin	Black on White	Matte	16 AWG - 8 AWG	0.250 (6.4)	0.093 (2.4)	0.439 (11.2)	1 roll (cont.)	Fig 58
M4C-250-342-YL	B-342	Polyolefin	Black on Yellow	Matte	16 AWG - 8 AWG	0.250 (6.4)	0.093 (2.4)	0.439 (11.2)	1 roll (cont.)	Fig 58
M4C-375-342	B-342	Polyolefin	Black on White	Matte	12 AWG - 4 AWG	0.375 (9.5)	0.125 (3.2)	0.645 (16.4)	1 roll (cont.)	Fig 58



## PermaSleeve® Low Smoke Zero Halogen Heat-Shrink Labels

Permanently mark wires and cables with the low-smoke, halogen-free B-7641 polyolefin label material. Pre-sized to fit most wire and cable assemblies.

Temp. range: -22° F to 221° F (-30° C to 105° C).

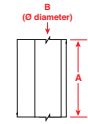


Figure 58

Catalog #	B#	Material	Color	Finish	Approx Wire Gauge	Diameter as supplied B inch (mm)	Recovered diameter inch (mm)	Label width A inch (mm)	Labels per roll	Figure
M4C-125-7641	B-7641	Polyolefin	Black on White	Matte	20 AWG - 16 AWG	0.125 (3.2)	0.063 (1.6)	0.235 (5.9)	1 roll (cont.)	Fig 58
M4C-125-7641-YL	B-7641	Polyolefin	Black on Yellow	Matte	20 AWG - 16 AWG	0.125 (3.2)	0.063 (1.6)	0.235 (5.9)	1 roll (cont.)	Fig 58
M4C-187-7641	B-7641	Polyolefin	Black on White	Matte	16 AWG - 10 AWG	0.187 (4.6)	0.094 (2.4)	0.335 (8.5)	1 roll (cont.)	Fig 58
M4C-187-7641-YL	B-7641	Polyolefin	Black on Yellow	Matte	16 AWG - 10 AWG	0.187 (4.6)	0.094 (2.4)	0.335 (8.5)	1 roll (cont.)	Fig 58
M4C-250-7641	B-7641	Polyolefin	Black on White	Matte	12 AWG - 8 AWG	0.250 (6.4)	0.125 (3.2)	0.439 (11.2)	1 roll (cont.)	Fig 58
M4C-250-7641-YL	B-7641	Polyolefin	Black on Yellow	Matte	12 AWG - 8 AWG	0.250 (6.4)	0.125 (3.2)	0.439 (11.2)	1 roll (cont.)	Fig 58
M4C-375-7641	B-7641	Polyolefin	Black on White	Matte	8 AWG - 4 AWG	0.375 (9.5)	0.189 (4.8)	0.645 (16.4)	1 roll (cont.)	Fig 58
M4C-375-7641-YL	B-7641	Polyolefin	Black on Yellow	Matte	8 AWG - 4 AWG	0.375 (9.5)	0.189 (4.8)	0.645 (16.4)	1 roll (cont.)	Fig 58

# Laboratory

Ensure lab samples remain legible, scannable and trackable in every extreme process: cryogenic, staining, solvents and processing fluids.



## Chemical and Temperature Resistant Polypropylene Labels

Mark dry, room temperature specimen containers with this economical matte white polypropylene label material (B-7425).

Temp. range: -320°F to 248°F (-195° C to 120° C).

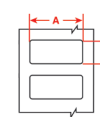


Figure 2

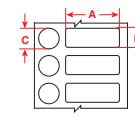


Figure 24

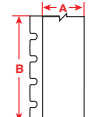


Figure 33

Catalog #	B#	Material	Color	Finish	Label Width A inch (mm)	Label Height B inch (mm)	Secondary label C inch (mm)	Labels per Roll	Figure
M4C-1000-7425	B-7425	Polypropylene	Black on White	Matte	1.000 (25.4)	25 (7.6)	-	1 roll (cont.)	Fig 33
M5C-1500-7425	B-7425	Polypropylene	Black on White	Matte	1.500 (38.1)	25 (7.6)	-	1 roll (cont.)	Fig 33
M5-118-7425	B-7425	Polypropylene	Black on White	Matte	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-31-7425	B-7425	Polypropylene	Black on White	Matte	1.500 (38.1)	1.000 (25.4)	-	250	Fig 2



## Color Polyester Labels

Easily differentiate lab samples with the B-494 color polyester labels, available in six color options.

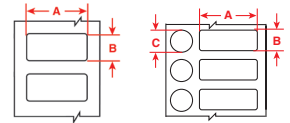


Figure 2

Figure 24

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Secondary label C inch (mm)	Labels per roll	Figure
M5-118-494-BL	B-494	Polyester	Black on Blue, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-118-494-GN	B-494	Polyester	Black on Green, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-118-494-OR	B-494	Polyester	Black on Orange, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-118-494-PK	B-494	Polyester	Black on Pink, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-118-494-RD	B-494	Polyester	Black on Red, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-118-494-YL	B-494	Polyester	Black on White, Yellow	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-BL	B-595	Polyester	Black on Blue, White	Gloss	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-GN	B-494	Polyester	Black on Green, White	Gloss	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-OR	B-494	Polyester	Black on Orange, White	Gloss	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-PK	B-494	Polyester	Black on Pink, White	Gloss	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-RD	B-494	Polyester	Black on Red, White	Gloss	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-120-494-YL	B-494	Polyester	Black on White, Yellow	Gloss	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-131-494-BL	B-494	Polyester	Black on Blue, White	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-131-494-GN	B-494	Polyester	Black on Green, White	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-131-494-OR	B-494	Polyester	Black on Orange, White	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-131-494-PK	B-494	Polyester	Black on Pink, White	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-131-494-RD	B-494	Polyester	Black on Red, White	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-131-494-YL	B-494	Polyester	Black on White, Yellow	Gloss	1.000 (25.4)	0.500 (12.7)	-	180	Fig 2
M5-49-494-BL	B-494	Polyester	Black on Blue, White	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2
M5-49-494-GN	B-494	Polyester	Black on Green, White	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2
M5-49-494-OR	B-494	Polyester	Black on Orange, White	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2
M5-49-494-PK	B-494	Polyester	Black on Pink, White	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2
M5-49-494-RD	B-494	Polyester	Black on Red, White	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2
M5-49-494-YL	B-494	Polyester	Black on White, Yellow	Gloss	1.000 (25.4)	1.000 (25.4)	-	260	Fig 2



## FreezerBondz™ Cryogenic Matte Polyester Labels

Securely mark flat lab surfaces in liquid nitrogen or freezer environments with the durable B-490 polyester label material.

Temp. range: -320°F to 320°F (-195°C to 160°C).  
RoHS compliant.

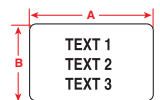
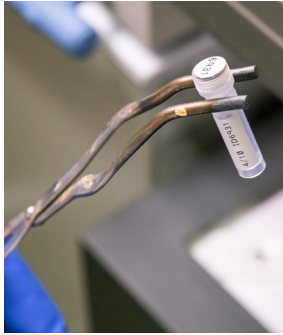


Figure 29

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-112-490	B-490	Polyester	Black on White	Matte	1.250 (31.8)	0.375 (9.5)	360	Fig 29
M5-113-490	B-490	Polyester	Black on White	Matte	1.500 (38.1)	2.200 (55.9)	140	Fig 29
M5-114-490	B-490	Polyester	Black on White	Matte	1.500 (38.1)	3.875 (98.4)	80	Fig 29
M4-124-490	B-490	Polyester	Black on White	Matte	0.500 (12.7)	1.650 (41.9)	180	Fig 29
M5-125-490	B-490	Polyester	Black on White	Matte	1.750 (44.5)	1.000 (25.4)	180	Fig 29
M4-126-490	B-490	Polyester	Black on White	Matte	1.800 (45.7)	0.600 (15.2)	180	Fig 29

# Laboratory Continued



## FreezerBondz™ Ultra-Thin Cryogenic Polyester Labels

Label curved frozen lab surfaces including tubes, vials and cryocanes with the ultra-thin B-492 polyester label material.

Temp. range: -320°F to 266°F (-195°C to 130°C).

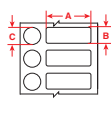


Figure 24

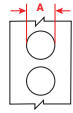


Figure 26

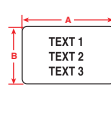


Figure 29

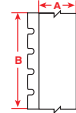
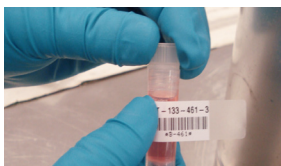


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Secondary label C inch (mm)	Labels per roll	Figure
M5-112-492	B-492	Polyester	Black on White	Matte	1.250 (31.8)	0.375 (9.5)	-	360	Fig 29
M5-117-492	B-492	Polyester	Black on White	Matte	0.900 (22.9)	0.500 (12.7)	0.440 (11.2) dia.	240	Fig 24
M5-118-492	B-492	Polyester	Black on White	Matte	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-120-492	B-492	Polyester	Black on White	Matte	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-124-492	B-492	Polyester	Black on White	Matte	0.500 (12.7)	1.650 (41.9)	-	180	Fig 29
M5-125-492	B-492	Polyester	Black on White	Matte	1.750 (44.5)	1.000 (25.4)	-	180	Fig 29
M4-130-492	B-492	Polyester	Black on White	Matte	0.375 (9.5)	0.825 (20.9)	-	220	Fig 29
M4-131-492	B-492	Polyester	Black on White	Matte	0.500 (12.7)	1.000 (25.4)	-	180	Fig 29
M5-155-492	B-492	Polyester	Black on White	Matte	1.250 (31.8)	0.250 (6.4)	-	180	Fig 29
M5-156-492	B-492	Polyester	Black on White	Matte	0.900 (22.9)	1.000 (25.4)	-	180	Fig 29
M5-78-492	B-492	Polyester	Black on White	Matte	1.000 (25.4)	1.900 (48.3)	-	100	Fig 29
M4-82-492	B-492	Polyester	Black on White	Matte	0.375 (9.5)	-	-	240	Fig 26
M4-83-492	B-492	Polyester	Black on White	Matte	0.500 (12.7)	-	-	240	Fig 26
M5-95-492	B-492	Polyester	Black on White	Matte	1.625 (41.3)	0.600 (15.2)	0.375 (9.5) dia.	200	Fig 24
M4C-500-492	B-492	Polyester	Black on White	Matte	0.500 (12.7)	25 ft (7.6 m)	-	1 roll (cont.)	Fig 33



## Self-Laminating Cryogenic Polyester Labels

Securely label lab tubes and vials for cryogenic storage with this self-laminating ultra-thin polyester label material (B-461).

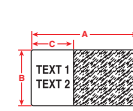


Figure 27

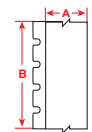


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Print-on area C inch (mm)	Labels per roll	Figure
M4-124-461	B-461	Polyester	Black on White, Clear	Matte	1.650 (41.9)	0.500 (12.7)	0.750 (19.1)	180	Fig 27
M4-72-461	B-461	Polyester	Black on White, Clear	Matte	1.750 (44.4)	0.500 (12.7)	0.750 (19.1)	180	Fig 27
M4-86-461	B-461	Polyester	Black on White, Clear	Matte	2.625 (66.9)	0.600 (15.2)	1.000 (25.4)	120	Fig 27
M5-119-461	B-461	Polyester	Black on White, Clear	Matte	3.750 (95.2)	1.500 (38.1)	1.250 (31.8)	80	Fig 27
M5-122-461	B-461	Polyester	Black on White, Clear	Matte	1.125 (28.6)	0.500 (12.7)	0.750 (19.1)	360	Fig 27
M5-123-461	B-461	Polyester	Black on White, Clear	Matte	1.125 (28.6)	0.375 (9.5)	0.750 (19.1)	360	Fig 27
M5-125-461	B-461	Polyester	Black on White, Clear	Matte	1.750 (44.5)	1.000 (25.4)	1.000 (25.4)	180	Fig 27
M4-126-461	B-461	Polyester	Black on White, Clear	Matte	1.800 (45.7)	0.600 (15.2)	1.000 (25.4)	180	Fig 27
M5-129-461	B-461	Polyester	Black on White, Clear	Matte	2.250 (57.2)	1.500 (38.1)	1.250 (31.8)	140	Fig 27
M4-74-461	B-461	Polyester	Black on White, Clear	Matte	2.200 (55.9)	0.500 (12.7)	0.750 (19.1)	140	Fig 27
M5-75-461	B-461	Polyester	Black on White, Clear	Matte	2.625 (66.9)	1.000 (25.4)	1.000 (25.4)	120	Fig 27
M5C-1000-461	B-461	Polyester	Black on White	Matte	1.000 (25.4)	25 ft (7.6 m)	-	1 roll (cont.)	Fig 33
M5C-1250-461	B-461	Polyester	Black on White	Matte	1.250 (31.8)	25 ft (7.6 m)	-	1 roll (cont.)	Fig 33
M4C-375-461	B-461	Polyester	Black on White	Matte	0.375 (9.5)	25 ft (7.6 m)	-	1 roll (cont.)	Fig 33
M4C-500-461	B-461	Polyester	Black on White	Matte	0.500 (12.7)	25 ft (7.6 m)	-	1 roll (cont.)	Fig 33



## Solvent Resistant Polyester Labels

Easily label lab slides and well plates with the B-488 high-performance polyester label material.

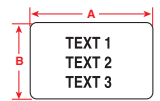


Figure 29

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-81-488	B-488	Polyester	Black on White	Matte	1.900 (48.3)	0.250 (6.4)	160	Fig 29
M5-97-488	B-488	Polyester	Black on White	Matte	0.900 (22.9)	0.900 (22.9)	280	Fig 29



## StainerBondz™ Microscope Slide Matte Polyester Labels

Easily create chemical-resistant microscope slide labels with the StainerBondz™ polyester label material (B-481).

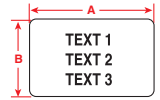


Figure 29

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-194-481	B-481	Polyester	Black on White	Matte	1.000 (25.4)	0.500 (12.7)	320	Fig 29
M5-195-481	B-481	Polyester	Black on White	Matte	0.900 (22.9)	0.375 (9.5)	320	Fig 29
M5-97-481	B-481	Polyester	Black on White	Matte	0.900 (22.9)	0.900 (22.9)	280	Fig 29
M5-127-481	B-481	Polyester	Black on White	Matte	1.050 (26.67)	0.250 (6.4)	360	Fig 29

## Metallized

Use professional metallic-looking labels for rating plates, name plates and general identification of industrial products.



## Metallized Matte Gray Polyester Labels

Create tough serial and rating plate labels with the B-428 metallized polyester label material with flexible high-tack adhesive.

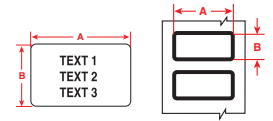


Figure 29

Figure 46

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-47-428	B-428	Polyester	Black on Light Gray	Matte	1.000 (25.4)	0.500 (12.7)	480	Fig 29
M4-60-428	B-428	Polyester	Black on Light Gray	Matte	1.000 (25.4)	2.000 (50.8)	140	Fig 29
M4-92-428-BB	B-428	Polyester	Black on Light Gray	Matte	0.500 (12.7)	1.130 (28.7)	239	Fig 46
M5-29-428	B-428	Polyester	Black on Light Gray	Matte	1.500 (38.1)	0.500 (12.7)	360	Fig 29
M5-30-428	B-428	Polyester	Black on Light Gray	Matte	1.500 (38.1)	0.750 (19.1)	260	Fig 29

# Multi Purpose

Rely on white or clear labels for just about any industrial application that involves high or low temperatures, harsh environments or regulatory specifications. Choose from various adhesion types: standard, aggressive adhesive, ultra-aggressive adhesive or repositionable.



## Aggressive Adhesive Multi-Purpose Clear Polyester Labels

Label circuit boards, panels and equipment with the B-432 clear polyester label material, allowing the applied surface colors to transmit around the printed label text.

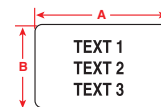


Figure 29

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-17-432-CL-BK	B-432	Polyester	Black on Clear	Gloss	1.000 (25.4)	0.500 (12.7)	280	Fig 29
M5-78-432-CL-BK	B-432	Polyester	Black on Clear	Gloss	1.000 (25.4)	1.900 (48.3)	100	Fig 29



## Aggressive Adhesive Multi-Purpose Nylon Labels

Looking for a tough and versatile general-purpose label material? Look no further than the B-499 nylon cloth label material!

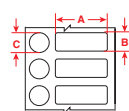


Figure 24

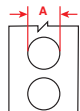


Figure 26

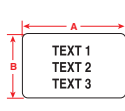


Figure 29

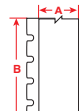


Figure 33

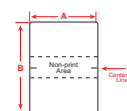


Figure 63

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Secondary label C Inch (mm)	Labels per roll	Figure
M4-11-499	B-499	Nylon	Black on White	Matte	0.750 (19.1)	0.500 (12.7)	-	220	Fig 29
M4-128-499	B-499	Nylon	Black on White	Matte	1.900 (48.3)	1.000 (25.4)	-	100	Fig 29
M4-130-499	B-499	Nylon	Black on White	Matte	0.375 (9.5)	0.825 (20.9)	-	220	Fig 29
M4-131-499	B-499	Nylon	Black on White	Matte	0.500 (12.7)	1.000 (25.4)	-	180	Fig 29
M4-141-499	B-499	Nylon	Black on White	Matte	1.000 (25.4)	1.000 (25.4)	-	90	Fig 63
M4-22-499	B-499	Nylon	Black on White	Matte	3.000 (76.2)	1.000 (25.4)	-	100	Fig 29
M5-117-499	B-499	Nylon	Black on White	Matte	0.900 (22.9)	0.500 (12.7)	0.438 (11.1) dia.	240	Fig 24
M5-118-499	B-499	Nylon	Black on White	Matte	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	240	Fig 24
M5-120-499	B-499	Nylon	Black on White	Matte	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	240	Fig 24
M5-132-499	B-499	Nylon	Black on White	Matte	1.500 (38.1)	1.250 (31.8)	-	160	Fig 29
M5-152-499	B-499	Nylon	Black on White	Matte	1.500 (38.1)	1.250 (31.8)	-	160	Fig 63
M4-82-499	B-499	Nylon	Black on White	Matte	0.375 (9.5)	-	-	240	Fig 26
M4-82-499-OR-BK	B-499	Nylon	Black on Orange	Matte	0.375 (9.5)	-	-	240	Fig 26
M4-82-499-RD-BK	B-499	Nylon	Black on Red	Matte	0.375 (9.5)	-	-	240	Fig 26
M4-82-499-YL-BK	B-499	Nylon	Black on Yellow	Matte	0.375 (9.5)	-	-	240	Fig 26
M4-83-499	B-499	Nylon	Black on White	Matte	0.500 (12.7)	-	-	240	Fig 26
M4-83-499-OR-BK	B-499	Nylon	Black on Orange	Matte	0.500 (12.7)	-	-	240	Fig 26
M4-83-499-RD-BK	B-499	Nylon	Black on Red	Matte	0.500 (12.7)	-	-	240	Fig 26
M4-83-499-YL-BK	B-499	Nylon	Black on Yellow	Matte	0.500 (12.7)	-	-	240	Fig 26
M5-84-499	B-499	Nylon	Black on White	Matte	0.900 (22.9)	0.500 (12.7)	-	200	Fig 29
M5C-1000-499	B-499	Nylon	Black on White	Matte	1.000 (25.4)	16 ft (4.9 m)	-	1 roll (cont.)	Fig 33
M5C-1500-499	B-499	Nylon	Black on White	Matte	1.500 (38.1)	16 ft (4.9 m)	-	1 roll (cont.)	Fig 33
M4C-375-499	B-499	Nylon	Black on White	Matte	0.375 (9.5)	16 ft (4.9 m)	-	1 roll (cont.)	Fig 33
M4C-500-499	B-499	Nylon	Black on White	Matte	0.500 (12.7)	16 ft (4.9 m)	-	1 roll (cont.)	Fig 33
M4C-750-499	B-499	Nylon	Black on White	Matte	0.750 (19.1)	16 ft (4.9 m)	-	1 roll (cont.)	Fig 33





## Harsh Environment Multi-Purpose Clear Polyester Labels

A permanent acrylic-based adhesive that withstands numerous solvents and can be applied to variable surfaces.

Service temp: -94°F to 212°F (-70 to 100°C). UL, CSA recognized.

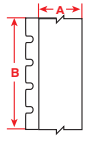


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4C-1000-423	B-423	Polyester	Black on White	Gloss	1.000 (25.4)	25 (7.6)	1 roll (cont.)	Fig 33



## Harsh Environment Multi-Purpose Polyester Labels

UL recognized for outdoor use on glass, thermoset polyester plastic and polyvinyl fluoride plastic.

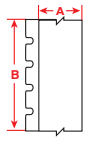


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4C-1000-430	B-430	Polyester	Black on Clear	Gloss	1.000 (25.4)	25 (7.6)	1 roll (cont.)	Fig 33



## Repositionable Multi-Purpose Vinyl Labels

Indoor / outdoor vinyl is a high-gloss, durable, flexible material designed with special adhesive to easily remove and reapply.

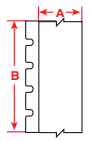


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4C-1000-581-WT	B-581	Vinyl	Black on White	Gloss	1.000 (25.4)	25 (7.6)	1 roll (cont.)	Fig 33
M5C-1500-581-WT	B-581	Vinyl	Black on White	Gloss	1.500 (38.1)	25 (7.6)	1 roll (cont.)	Fig 33



## Aggressive Adhesive Multi-Purpose Polyester Labels

Easily label components with the thermal transfer, glossy permanent polyester label material (B-422).

Temp. range: -40°F to 212°F (-40°C to 100°C). UL recognized

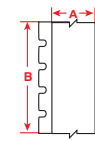
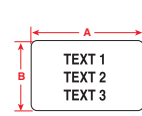


Figure 29

Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-47-422	B-422	Polyester	Black on White	Gloss	1.000 (25.4)	0.500 (12.7)	480	Fig 29
M4-49-422	B-422	Polyester	Black on White	Gloss	1.000 (25.4)	1.000 (25.4)	260	Fig 29
M4-7-422	B-422	Polyester	Black on White	Gloss	0.500 (12.7)	0.500 (12.7)	280	Fig 29
M4-89-422	B-422	Polyester	Black on White	Gloss	0.500 (12.7)	1.500 (38.1)	180	Fig 29
M4-90-422	B-422	Polyester	Black on White	Gloss	1.500 (38.1)	0.750 (19.1)	180	Fig 29
M4C-1000-422	B-422	Polyester	Black on White	Gloss	1.000 (25.4)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-375-422	B-422	Polyester	Black on White	Gloss	0.375 (9.5)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-475-422	B-422	Polyester	Black on White	Gloss	0.475 (12.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-500-422	B-422	Polyester	Black on White	Gloss	0.500 (12.7)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M4C-625-422	B-422	Polyester	Black on White	Gloss	0.625 (15.9)	25 ft (7.6 m)	1 roll (cont.)	Fig 33
M5C-1500-422	B-422	Polyester	Black on White	Gloss	1.500 (38.1)	25 ft (7.6 m)	1 roll (cont.)	Fig 33



## Repositionable Multi-Purpose Vinyl Cloth Labels

The adhesive and cloth backing offers excellent holding power, yet allows for clean removal and repositioning if necessary.

Temp. range -40° F to 175° F (-40° C to 70° C).  
UL recognized.

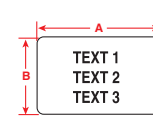


Figure 29

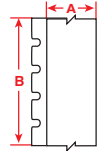


Figure 33

Catalog #	B#	Material	Color	Finish	Approx Wire Guage	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4-11-498	B-498	Vinyl	Black on White	Semi-gloss	16 AWG - 10 AWG	0.750 (19.1)	0.500 (12.7)	220	Fig 29
M4-131-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	0.500 (12.7)	1.000 (25.4)	180	Fig 29
M4-48-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	1.000 (25.4)	0.750 (19.1)	180	Fig 29
M4-49-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	1.000 (25.4)	1.000 (25.4)	160	Fig 29
M4-7-498	B-498	Vinyl	Black on White	Semi-gloss	22 AWG - 16 AWG	0.500 (12.7)	0.500 (12.7)	240	Fig 29
M4-91-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	1.000 (25.4)	1.500 (38.1)	120	Fig 29
M5-103-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	1.000 (25.4)	1.250 (31.8)	160	Fig 29
M4-128-498	B-498	Vinyl	Black on White	Semi-gloss	10 AWG - 4 AWG	1.900 (48.3)	1.000 (25.4)	100	Fig 29
M4C-240-498	B-498	Vinyl	Black on White	Semi-gloss	-	0.240 (6.1)	16 ft (4.9 m)	1 roll (cont.)	Fig 33
M4C-318-498	B-498	Vinyl	Black on White	Semi-gloss	-	0.318 (8.1)	16 ft (4.9 m)	1 roll (cont.)	Fig 33
M4C-375-498	B-498	Vinyl	Black on White	Semi-gloss	-	0.375 (9.5)	20 ft (6.1 m)	1 roll (cont.)	Fig 33



## Ultra Aggressive Adhesive Multi-Purpose Polyester Labels

Rough, glossy and irregular surfaces are no match for the ToughBond® ultra aggressive polyester label material (B-483).

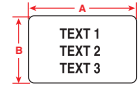


Figure 29

Catalog #	B#	Material	Color	Finish	Label Width A inch (mm)	Label Height B inch (mm)	Labels per Roll	Figure
M4-47-483	B-483	Polyester	Black on White	Gloss	1.000 (25.4)	0.500 (12.7)	480	Fig 29
M4-60-483	B-483	Polyester	Black on White	Gloss	1.000 (25.4)	2.000 (50.8)	140	Fig 29
M4-61-483	B-483	Polyester	Black on White	Gloss	0.500 (12.7)	2.000 (50.8)	80	Fig 29

## Paper

Use low cost, smear-resistant paper labels for identifying just about anything in labs or industrial settings.



## Water Dissolvable Paper Labels

Use this water dissolvable label material (B-403) for applications that require easily removable adhesive labels.

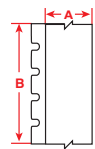


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Roll length B feet (m)	Labels per roll	Figure
M4C-750-403	B-403	Paper	Black on White	Matte	0.750 (19.1)	25 (7.6)	1 roll (cont.)	Fig 33
M5C-1500-403	B-403	Paper	Black on White	Matte	1.500 (38.1)	25 (7.6)	1 roll (cont.)	Fig 33

# Tags and inserts

Get added durability from tags that are engineered for extreme temperatures and abrasion. Use them to wrap wire or cable bundles in patch panels and outlets.



## High Tensile Polypropylene Inserts/Tags

Mark outlet faceplates and patch panels with the B-412 high tensile strength polypropylene insert stock material.

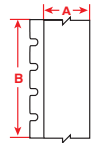


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Roll length B feet (m)	Labels per roll	Figure
M4C-375-412	B-412	Polypropylene	Black on White	Matte	0.375 (9.5)	20 (6.1)	1 roll (cont.)	Fig 33
M4C-475-412	B-412	Polypropylene	Black on White	Matte	0.475 (12.1)	20 (6.1)	1 roll (cont.)	Fig 33
M4C-625-412	B-412	Polypropylene	Black on White	Matte	0.625 (15.9)	20 (6.1)	1 roll (cont.)	Fig 33



## Multi-Purpose Tear Resistant Tags

Tag multiconductor cables and other equipment with the B-109 durable non-adhesive polyethylene tag material.

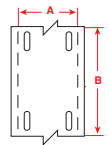


Figure 56

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-12-109	B-109	Polyethylene	Black on White	Matte	2.200 (55.9)	0.750 (19.1)	80	Fig 56



## Oval Tags

Tag a variety of assets with this tough polyethylene tag label material (B-145) that prints on both sides and folds to form an oval tag.

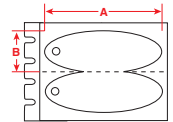


Figure 50

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-111-145FR-GY	B-145	Polyethylene	Black on Gray	Matte	1.206 (30.6)	0.750 (19.1)	65	Fig 50

## Tamper Evident

Ensure product and sample integrity with tamper-evident labels. Choose from labels that fracture easily, or destruct upon removal.



### Destructible Tamper Evident Matte Vinyl Labels

Identify product tampering and prevent one-piece label removal with the B-351 tamper-resistant vinyl label material.

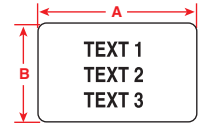


Figure 29

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M5-17-351	B-351	Vinyl	Black on White	Matte	1.000 (25.4)	0.500 (12.7)	360	Fig 29
M5-20-351	B-351	Vinyl	Black on White	Matte	1.000 (25.4)	2.000 (50.8)	160	Fig 29

## Unique Material

Get a grip on your wire and cable identification – Brady and VELCRO® Brand have partnered to bring you BradyGrip® Print-on Hook Material, an exclusive print-and-place material that can be easily applied, repositioned or removed.



### BradyGrip® Print-on-Hook Labels featuring VELCRO® Brand Hook

Easily place, remove and reposition labels on cable bundles with the BradyGrip® Print-on Hook label material (B-414), paired with VELCRO® Brand ONE-WRAP® Rolls.

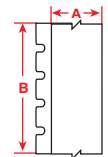


Figure 33

Catalog #	B#	Material	Color	Finish	Label width A inch (mm)	Label height B inch (mm)	Labels per roll	Figure
M4C-250-414	B-414	Polyester	Black on White	Matte	0.250 (6.4)	12 (3.7)	1 roll (cont.)	Fig 33
M4C-500-414	B-414	Polyester	Black on White	Matte	0.500 (12.7)	12 (3.7)	1 roll (cont.)	Fig 33
M4C-750-414	B-414	Polyester	Black on White	Matte	0.750 (19.1)	12 (3.7)	1 roll (cont.)	Fig 33

## Wrap Around

Protect important wire and cable ID using labels with a clear laminating barrier. The clear vinyl resists abrasions and chemicals while keeping the white printable area intact.



### Aggressive Adhesive Self-Laminating Vinyl Wrap Around Labels

B-417 High-Adhesion Self-Laminating Vinyl Wraps are for tough conditions, including high-humidity environments, small diameter wires and newer wire jacketing materials.

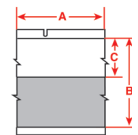


Figure 42

Catalog #	B#	Material	Color	Finish	Approx Wire Gauge	Label width A inch (mm)	Label height B inch (mm)	Print-on area C inch (mm)	Labels per roll	Figure
M4-11-417	B-417	Vinyl	Black on White, Clear	Matte	20 AWG - 10 AWG	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	360	Fig 42
M4-136-417	B-417	Vinyl	Black on White, Clear	Matte	20 AWG - 12 AWG	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	340	Fig 42
M4-143-417	B-417	Vinyl	Black on White, Clear	Matte	12 AWG - 6 AWG	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	200	Fig 42
M4-48-417	B-417	Vinyl	Black on White, Clear	Matte	20 AWG - 12 AWG	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	200	Fig 42
M4-49-417	B-417	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	260	Fig 42
M4-51-417	B-417	Vinyl	Black on White, Clear	Matte	6 AWG - 000 AWG	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	110	Fig 42
M4-91-417	B-417	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M5-116-417	B-417	Vinyl	Black on White, Clear	Matte	6 AWG - 000 AWG	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	80	Fig 42

# Wrap Around Continued

## Self-Laminating Vinyl Wrap Around Labels



Mark cables and wires with the B-427 self-laminating vinyl label material, designed with a clear self-laminating protective layer.

Temp. range: -40° F to 158° F (-40° C to 70° C), UL recognized.

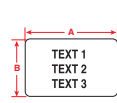


Figure 29

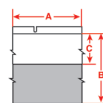


Figure 42

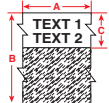


Figure 42a

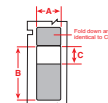


Figure 85e

Catalog #	B#	Material	Color	Finish	Approx Wire Gauge	Label width A inch (mm)	Label height B inch (mm)	Print-on area C inch (mm)	Labels per roll	Figure
M4-102-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	200	Fig 42
M4-11-427	B-427	Vinyl	Black on White, Clear	Matte	20 AWG - 10 AWG	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	360	Fig 42
M4-135-427-AW	B-427	Vinyl	Black on White	Matte	-	0.250 (6.4)	1.100 (27.9)	-	240	Fig 29
M4-136-427	B-427	Vinyl	Black on White, Clear	Matte	20 AWG - 8 AWG	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	340	Fig 42
M4-143-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 6 AWG	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	200	Fig 42
M4-203-RO-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	1.000 (25.4)	1.750 (44.5)	0.700 (17.8)	110	Fig 85e
M4-206-RO-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	0.500 (12.7)	1.750 (44.5)	0.700 (17.8)	110	Fig 85e
M4-207-RO-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 3 AWG	0.500 (12.7)	2.750 (69.9)	1.100 (27.9)	70	Fig 85e
M4-209-RO-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 3 AWG	1.000 (25.4)	2.750 (69.9)	1.100 (27.9)	70	Fig 85e
M4-211-RO-427	B-427	Vinyl	Black on White, Clear	Matte	20 AWG - 10 AWG	1.000 (25.4)	1.200 (30.5)	0.500 (12.7)	150	Fig 85e
M4-47-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	360	Fig 42
M4-48-427	B-427	Vinyl	Black on White, Clear	Matte	20 AWG - 8 AWG	0.750 (19.1)	1.000 (25.4)	0.375 (9.53)	200	Fig 42
M4-49-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	1.000 (25.4)	1.000 (25.4)	0.375 (9.53)	260	Fig 42
M4-51-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 10 AWG	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	110	Fig 42
M4-51-427-YL	B-427	Vinyl	Black on Yellow, Clear	Matte	16 AWG - 10 AWG	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	180	Fig 42
M4-53-427	B-427	Vinyl	Black on White, Clear	Matte	12 AWG - 10 AWG	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	70	Fig 42
M4-53-427-YL	B-427	Vinyl	Black on Yellow, Clear	Matte	12 AWG - 10 AWG	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	70	Fig 42
M4-89-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M4-90-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M4-91-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M4-91-427-YL	B-427	Vinyl	Black on Yellow, Clear	Matte	10 AWG - 4 AWG	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M5-115-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 6 AWG	1.500 (38.1)	1.250 (31.6)	0.500 (12.7)	200	Fig 42
M5-116-427	B-427	Vinyl	Black on White, Clear	Matte	12 AWG - 10 AWG	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	80	Fig 42
M5-133-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	1.750 (44.5)	1.000 (25.4)	0.375 (9.5)	140	Fig 42
M5-134-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	1.750 (44.5)	1.500 (38.1)	0.500 (12.7)	140	Fig 42
M5-32-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	180	Fig 42
M5-33-427	B-427	Vinyl	Black on White, Clear	Matte	1 AWG - 500 MCM	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	70	Fig 42
M5-34-427	B-427	Vinyl	Black on White, Clear	Matte	1 AWG - 500 MCM	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	40	Fig 42
M5C-1000-427	B-427	Vinyl	Black on White, Clear	Matte	16 AWG - 8 AWG	1.000 (25.4)	25 ft (7.6 m)	0.375 (9.5)	1 roll (cont.)	Fig 42a
M5C-1250-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 6 AWG	1.250 (31.8)	25 ft (7.6 m)	0.250 (12.7)	1 roll (cont.)	Fig 42a
M5C-1500-427	B-427	Vinyl	Black on White, Clear	Matte	10 AWG - 4 AWG	1.500 (38.1)	25 ft (7.6 m)	0.250 (12.7)	1 roll (cont.)	Fig 42a
M4C-750-427	B-427	Vinyl	Black on White, Clear	Matte	20 AWG - 8 AWG	0.750 (19.1)	25 ft (7.6 m)	0.375 (9.5)	1 roll (cont.)	Fig 42a

## M510 Printer & Accessories



Catalog #	Description
	M510 Label Printer
M510	Includes: (1) Printer, (1) AC adapter, (1) USB cord, (1) 1.5" wide All-Weather label cartridge, (1) NiMH battery, (1) USB flash drive with a driver, Brady Workstation Basic Design Suite Software
	M510 Label Printer Kit
M510-KIT	Includes: All components that come with the M510 printer, (1) Hard Case, (1) Magnet, (1) Utility Hook, (1) Li-ION Battery
	M510 Label Printer Kit with Brady Workstation Product & Wire ID Software
M510-PWID	Includes: All components that come with the M510 printer, (1) Hard Case, (1) Magnet, (1) Utility Hook, (1) Li-ION Battery, Brady Workstation Product and Wire Identification Suite Software
	M510 Label Printer Kit with Brady Workstation Safety & Facility ID Software
M510-SFID	Includes: All components that come with the M510 printer, (1) Hard Case, (1) Magnet, (1) Utility Hook, (1) Li-ION Battery, Brady Workstation Safety and Facility Identification Suite Software
	M510 Label Printer Kit with Brady Workstation Laboratory ID Software
M510-LAB	Includes: All components that come with the M510 printer, (1) Hard Case, (1) Magnet, (1) Utility Hook, (1) Li-ION Battery, Brady Workstation Laboratory Identification Suite Software

Accessories		
	M510-HC	M510 Hard Case
	M41-51-61-AC	AC Adapter
	M-LION-BATTERY	Li-ION Battery
	M-NIMH-BATTERY	NiMH Battery
	M51-MAGNET	Magnet
	M51-HOOK	Utility Hook

# M510 Printer Specifications

Printer	
Printer Name	M510 Printer
Print Resolution	Thermal transfer, 300 dpi
Print Speed	1.5 in. / sec. (38.10 mm / sec)
Keyboard Type	QWERTY Keyboard
Dimensions in. (mm)	3.75 in. H x 5.75 in. W x 10.00 in. D (95.25 mm x 146.05 mm x 240.00 mm)
Weight	3.05 lbs
Warranty	2 years
Overmold/Rugged	Yes, base
Operating Temp	40° F to 110° F (4° C to 43° C)
Humidity	10%-90% (non-condensing)
Storage Temp	0 ° F to 110° F (-18° C to 43° C)
Continuous or Die Cut Labels	Continuous and die cut
Portability	Portable
Features	
Memory	512 MB RAM, 256 MB Flash
Cutter Type	Manual
Cut Options	Cut between labels or at end of print job
Label Retention After Cut	Yes
Labels Per Day (Average)	1,000
Battery Life Indicator	Visible on LCD screen
Label Odometer (Supply Remaining)	Visible on LCD screen
Error Messaging	Visible on LCD screen
Attachable Accessories	Magnet, Utility Hook
Drop Test & Durability	Resistant to 4-foot drops
Languages	24: Bulgarian, Chinese (Traditional), Chinese (Simplified), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish
Power	
Power Supply	AC Adapter, Rechargeable Battery, USB
Battery Included	Yes, removable
Battery Life (average)	1,000 labels
Rechargeable Battery	Yes, rechargeable NiMH Battery. Rechargeable Li-ION battery also available.
Re-Charge Time (estimated)	4 hours
Charging Options	AC Adapter, USB
Power Source Voltage	110 - 240 V
Auto Shut Off	Yes, user configurable

Communication and Interface	
PC Connectivity	USB Cable
Import Data	Yes
Software Compatibility	Brady Workstation
Media	
Type	Media and ribbon in cartridge, supplied together
Load Labels Location	Front door
Label Output Location	Side
Compatible Media	M4, M4C, M5, M5C
Memory in Cartridge	Yes
Maximum Print Width	1.44 in (36.58 mm)
Maximum Print Length	39 in (99.06 mm)
Maximum Liner Width	1.8 in (45.72 mm)
Media Widths	Various sizes from 0.235 to 1.50 in. (6.4 to 38.1 mm)
Minimum Media Width	0.235 in. (5.969 mm)
Minimum Label Height	0.236 in (5.99 mm)
Included Media	M5C-1500-595-WT-BK
Number of Stock Parts	250+
Color Print Capability	Single print color on a label
Available Media Colors	Black on Blue, Black on Clear, Black on Gray, Black on Green, Black on Orange, Black on Red, Black on White, Black on Yellow Red on White White on Black, White on Blue, White on Clear, White on Green, White on Red
Ribbons	Supplied with media in cartridge
Cartridge Width Detection	Yes, from printer
Cartridge Setting Detection	Yes, from printer
Custom Labels Available	No
Compliance	
Agency Approvals	FCC Part 15 Class A
Trade	Country of origin, Malaysia (printer), ECCN: EAR99
MSDS	For MSDS visit <a href="http://www.BradyID.com">www.BradyID.com</a>
Fonts, Graphics, Symbols	
Font	Brady Alpine, Brady Fixed Width
Text Sizes	4-170pt
Number of Symbols	480
Special Characters	123



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