



 BRADY®

# M511

**LABEL PRINTER**

**Work smarter. Label larger.**

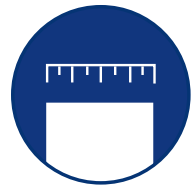
Design, preview and print up to  
1.5" wide labels – any way you choose.



# BIGGER LABELS BETTER LABELING

Communicate better with the M511's edge-to-edge printing and on-demand labeling. Ideal for big, bold, easy-to-read safety messages. Perfect for text-heavy labels for the lab or compliance. With the M511, you print right where the work happens, skipping rework and saving time. Its Bluetooth capabilities connect more users in more ways to ensure you move through work faster.

## Revolutionize the way you work



### Larger labeling

Print edge to edge on up to 1.5" wide labels



### Multiple user connectivity

Connect up to 5 devices at the same time



### Mobile app and software

Design and print from a phone, tablet or laptop





# Larger fonts. Bigger messages. **CLEARER COMMUNICATION**

Work the way you want. Create bigger messages. Go edge to edge. Design and print on the fly — from your laptop, tablet or smart phone. Bluetooth enabled, the M511 connects multiple users at the same time for far more efficient workflows.

The workplace is changing. Work better with the M511.



**Longer life with an internal Li-ION battery**  
8+ hours of work; 1,000 labels on a single charge

**Prints anywhere**  
Bluetooth 5.0 (65' range); connects 5 users simultaneously

**Larger applications**  
Prints up to 1.5" width material

**Less waste**  
Edge-to-edge printing

**High res print quality**  
300 dpi for sharp, crisp 1D and 2D barcodes, text and graphics

**Extra protection**  
View label cartridge and protect it from blowing dust

**More durable**  
Resists 6' drops and 250 lbs. crushes; military-grade shock resistance

**Uses less space**  
Slim profile; prints standing up or on its side



**A Charge and connect**  
USB port to charge printer in a vehicle or on a laptop; can also connect to label creation software



**B Faster changeovers**  
Printer automatically adjusts settings for each quick-loading Brady Authentic cartridge



**C Hands-free operation**  
Features an auto label cutter that cuts and holds the label until it's ready for use



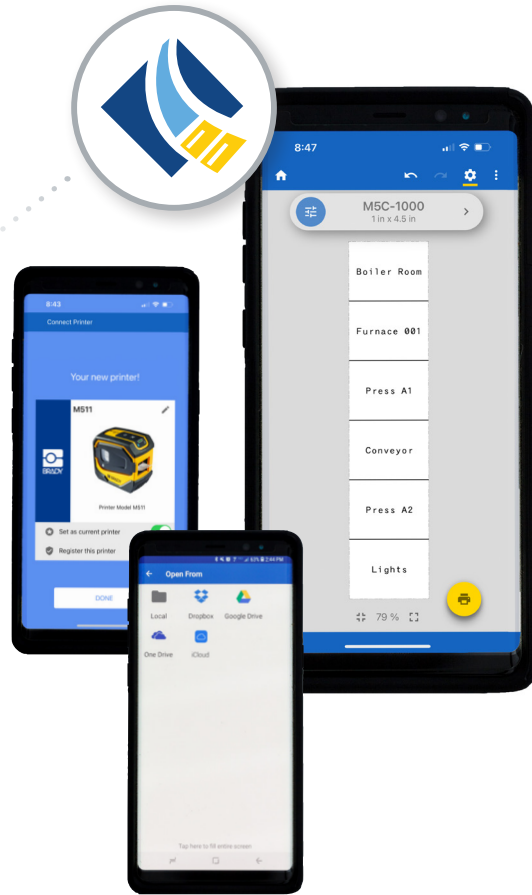
**M511 accessory**  
*Utility Hook*  
More ways to work seamlessly. See page 22.



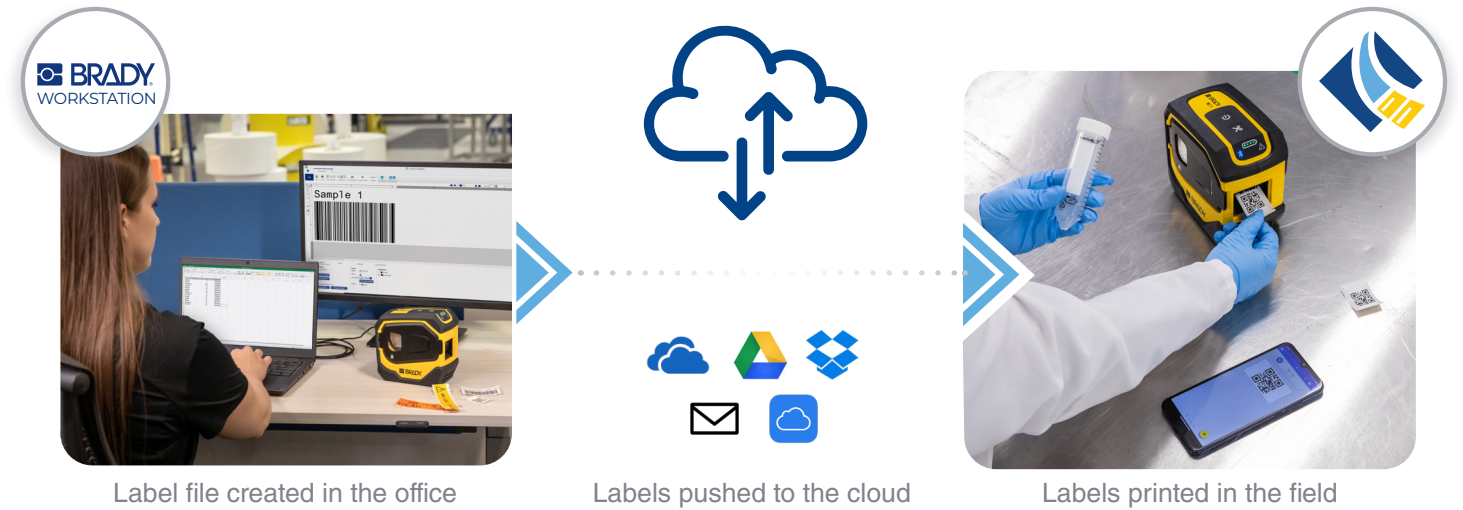
# DESIGN. PREVIEW. PRINT.

## Any way you choose

Label creation, made simple. That's the M511. Just grab a phone with the Express Labels app to design and print anytime, anywhere. Resize and edit labels, add graphics and QR codes — all using a familiar keyboard. It's intuitive. It's flexible. It's meant for modern workspaces.



## Access files faster. **Anywhere you work.**



### Express Labels mobile app & 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

### Modernize workflows in any workspace



**CREATE** labels in your office or shop. Save for easy sharing.



**SHARE** to the field via email. Print from printer touchscreen or phone.



**CONNECT** up to 5 mobile devices via Bluetooth. Save time by labeling right on-site.

### Work the way your work demands



MOBILE APP



MULTIPLE USER CONNECTIVITY



PC SOFTWARE

Want to print labels with your own mobile app?

Scan to see how Brady can help.





# THE RIGHT LABEL

## from the right partner

### M511 with industry-leading Brady Print Technology

High-performance labeling doesn't just happen. It's driven by Brady Print Technology that works hard behind the scenes. As part of an unbeatable system, the M511 "talks" with label materials and software, automatically adjusting settings to material size, type, color, quantity and compatibility. Plus, it sets up proper burn settings and print speed. Simple and intuitive, the M511 system practically runs itself.

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



**QUICK  
SETUP TIME**



**FEWER  
LABEL ERRORS**



**COMPLIANT  
LABEL CREATION**



**LESS LABEL  
WASTE**

### The right fit for any workspace

Optimize your performance with Brady Authentic Labels



#### WIRE, ASSET AND COMPONENT ID

- ▶ From aggressive adhesives to heat-shrink labels, get Brady labels to wrap, tag and permanently identify wires, cables and products — in all environments.



#### LABS

- ▶ The most challenging lab conditions deserve Brady labels. They resist staining, chemicals and extreme temps to keep data readable and scannable.



#### SAFETY & FACILITY, LEAN/5S, CONSTRUCTION

- ▶ A safer, more informed workspace starts with Brady labels. Create pipe markers. Tag equipment. Use reflective markers in low-lit areas.

### 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.



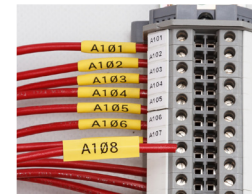
#### All-Weather

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

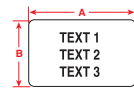


Figure 29

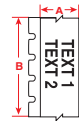


Figure 33

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
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.

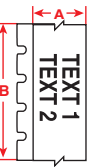


Figure 33

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).

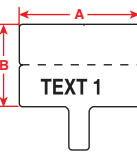


Figure 48

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



## 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.

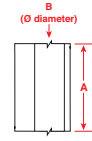


Figure 58

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).

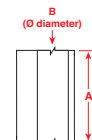


Figure 58

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).

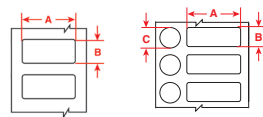


Figure 2

Figure 24

Catalog #	B#	Material	Color	Finish	Label Width A inch (mm)	Label Height B inch (mm)	Secondary label C inch (mm)	Labels per Roll	Figure
M5-118-7425	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.

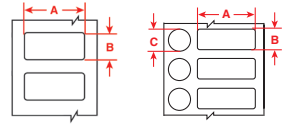


Figure 2

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.

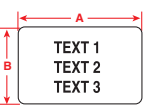
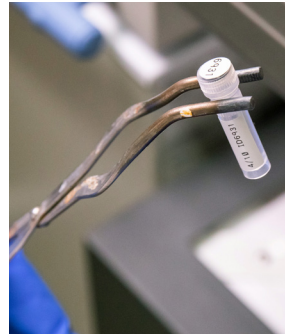


Figure 29

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).

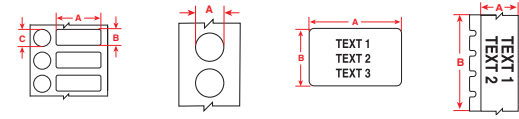
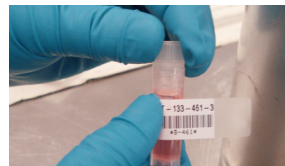


Figure 24 Figure 26 Figure 29 Figure 33

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).

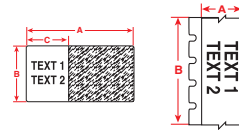


Figure 27 Figure 33

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.

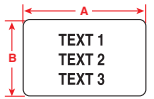


Figure 29

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).

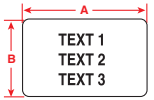


Figure 29

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.

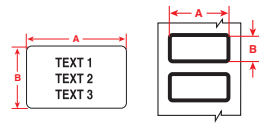


Figure 29 Figure 46

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.

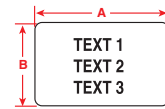


Figure 29

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!

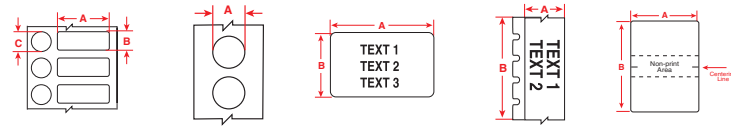


Figure 24

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
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



### 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

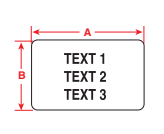


Figure 29

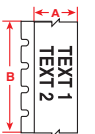


Figure 33

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.

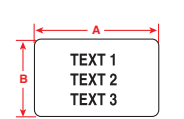


Figure 29

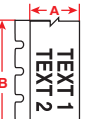


Figure 33

Catalog #	B#	Material	Color	Finish	Approx Wire Gauge	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).

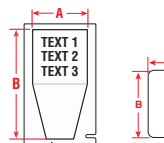


Figure 88c

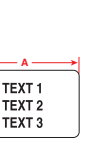


Figure 29

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
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.

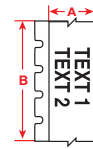


Figure 33

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.

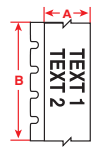


Figure 33

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.

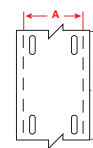


Figure 56

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.

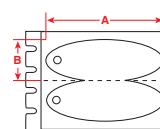


Figure 50

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.

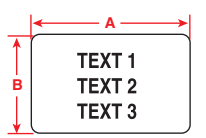


Figure 29

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.

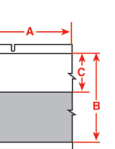


Figure 42

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.

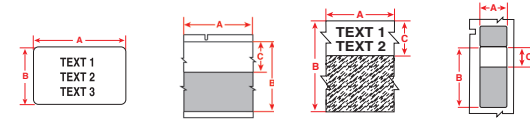


Figure 29

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





## Keep working with convenient accessories






Adapt to a variety of working conditions. The M511 Label Printer has a variety of accessories available to make sure you can get through your work more easily.

### Printer/Kits



Catalog #	Description
M511	M511 Label Printer
	Includes: (1) Printer, (1) AC adapter (M211-M511-AC), (1) USB-C to USB-A adapter, (1) 1.5" wide All-Weather label cartridge (M5C-1500-595-WT-BK), Brady Workstation Basic Design Software Suite
M511-KIT	M511 Label Printer Kit
	Includes: All components that come with the M511 printer, (1) Pre-Sized Self-Laminating label cartridge (M4-91-427), (1) Pre-Sized Multi-Purpose label cartridge (M4-131-499), (1) Hard Case (M511-HC), (1) Magnet (M51-MAGNET), (1) Utility Hook (M51-HOOK), (1) Power Brick (M211-M511-POWER) and Brady Workstation Product/Wire Software Suite

### Printer Accessories

Catalog #	Description
 M511-HC	M511 Hard Case
 M211-M511-AC	AC Adapter
 M211-M511-POWER	Power Brick
 M51-MAGNET	Magnet
 M51-HOOK	Utility Hook

## M511 Printer Specifications

Printer	
Printer Name	M511 Printer
Print Resolution	Thermal transfer, 300 dpi
Max Lines of Print	25
Print Speed	1.33 in. / sec (33.78 mm / sec)
Keyboard Type	Peripheral only, no keyboard
Dimensions in. (mm)	3.6 in. H x 6.0 in. W x 6.4 in. D (91.44 mm x 152.40 mm x 162.56 mm)
Weight	2.3 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	Memory via connected mobile device
Cutter Type	Automatic
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	Yes
*Label Odometer (Supply Remaining)*	Visible through software
Error Messaging	Error indicating lights, pulsing orange
Wearability Options	Magnet, Utility Hook
Drop Test & Durability	Resistant to 6-foot drops, resistant to 250-lb crushes, resistant to military-grade shocks (MIL-STD-810G)
Languages	30: Bahasa, Bahasa Malay, Bulgarian, Chinese (Traditional), Chinese (Simplified), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Vietnamese
Power	
Power Supply	AC Adapter, Rechargeable Battery, USB
Battery Included	Yes, not removable
Battery Life (average)	1,000 labels
Rechargeable Battery	Yes, internal Li-ion (1200 mAh)
Re-Charge Time (estimated)	2.5 hours
Charging Options	Internal
Power Source Voltage	110 - 240 V
Auto Shut Off	Yes, user configurable

Communication and Interface	
Connectivity	Bluetooth 5 Low Energy, USB
PC Connectivity	USB Cable
Import Data	Yes
Software Compatibility	Express Labels Mobile App, Brady Workstation, Windows Based Driver for 3rd Party Software Use
Media	
Type	Media and ribbon in cartridge, supplied together
Load Labels Location	Side door
Label Output Location	Front
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)
Liner Width	1.8 in. (45.72 mm) Max
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 software
Cartridge Setting Detection	Yes, from software
Custom Labels Available	No
Compliance	
Agency Approvals	FCC Part 15 Class A
Trade	Country of origin, Malaysia (printer), ECCN: EAR99
MSDS	<a href="https://www.bradylid.com">For MSDS visit www.BradylID.com</a>
Fonts, Graphics, Symbols	
Font	Yes, determined by software
Text Sizes	4 -150pt.
Number of Fonts	Yes, determined by software
Number of Symbols	Yes, determined by software
Special Characters	Yes, determined by software
Symbols	Yes, determined by software





We make products that make the world a safer and smarter place. From the depths of the ocean to outer space, from the factory floor to the delivery room — **we're just about everywhere you look.**

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