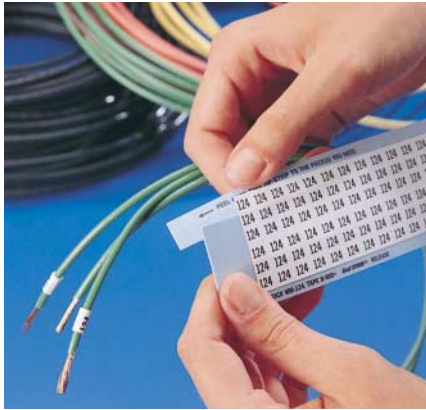


# Pre-Printed Wire Markers Materials Chart



Brady's exclusive ZipStrip® release card lets you easily remove the markers you need, when you need them.

| Type                         | Max. Service Temp. °F (°C) | Color        | Finish | Use  | Special Properties   |
|------------------------------|----------------------------|--------------|--------|--|--|
| <b>ACETATE CLOTH</b>         |                            |              |        |  |  |
| B-12                         | 221 (105)                  | White        | Matte  | Wire marker for varnish dip or baking cycles | Oil and heat resistant   |
| <b>ALUMINUM FOIL</b>         |                            |              |        |  |  |
| B-184                        | 266 (130)                  | Silver       | Matte  | Permanent debossed marking                   | Heat, oil, solvent and abrasion resistant                                    |
| <b>OVERLAMINATED TEDLAR®</b> |                            |              |        |  |  |
| B-605                        | 260 (127)                  | White        | Gloss  | Machine tools; hostile environments          | Heat, oil, solvent and abrasion resistant                                    |
| <b>POLYESTER</b>             |                            |              |        |  |  |
| B-11                         | 266 (130)                  | White        | Gloss  | Roll-form wire marking; hostile environments | Heat, oil and solvent resistant  |
| B-702                        | 221 (105)                  | White        | Gloss  | Vinyl coated; machine tool labeling          | Oil and mild solvent resistant; high adhesion                                |
| <b>POLYOLEFIN</b>            |                            |              |        |  |  |
| B-319                        | 221 (105)                  | White        | Matte  | Computer printable sleeve markers            | Permanent; not heat shrinkable   |
| B-321                        | 221 (105)                  | White/Yellow | Matte  | Computer printable sleeve markers            | Permanent; heat shrinkable   |
| <b>VINYL</b>                 |                            |              |        |  |  |
| B-292                        | 150 (66)                   | White        | Matte  | Machine tool, flat ribbon, and wire marking  | Conformable, durable; oil, water and mild solvent resistant                  |
| B-708                        | 150 (66)                   | White        | Gloss  | Indoor/outdoor cable marking                 | Conformable, durable; oil, water and mild solvent resistant; self laminating |
| <b>VINYL CLOTH</b>           |                            |              |        |  |  |
| B-500                        | 180 (82)                   | White/Yellow | Matte  | All-purpose marker                           | Moderate heat, oil and dirt resistance; high adhesion                        |

Tedlar® is a registered trademark of DuPont.

# Porta-Pack® Wire Marker Books

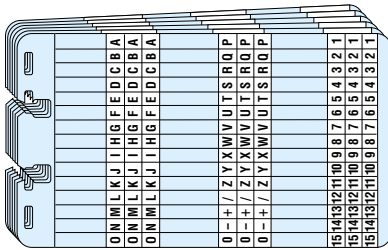
## ▶ WRITE-ON SELF-LAMINATING WIRE AND CABLE MARKERS

- ▶ Use Brady's labeling pens or other markers to write on legend
- ▶ Transparent part over-wraps provide snug fitting, self-laminating shield that resists oil, water and solvents
- ▶ For applications above or below ground

### Vinyl (B-292)

| Part Number | LEGEND         | Markers Size Inch (mm)            | Markers Per Book | Size of Write-on Area Inch (mm)  |
|-------------|----------------|-----------------------------------|------------------|----------------------------------|
| PWC-PK-1    | Blank/Write-on | 0.750 x 1.750<br>(19.00 x 44.40)  | 120              | 0.750 x 0.500<br>(19.00 x 12.70) |
| PWC-PK-3    | Blank/Write-on | 1.000 x 3.000<br>(25.40 x 76.20)  | 60               | 1.000 x 0.750<br>(25.40 x 19.00) |
| PWC-PK-6    | Blank/Write-on | 1.000 x 6.000<br>(25.40 x 152.40) | 30               | 1.000 x 1.000<br>(25.40 x 25.40) |
| PWC-PK-36   | Blank/Write-on | 1.000 x 3.000<br>(25.40 x 76.20)  | 30               | 1.000 x 0.750<br>(25.40 x 19.00) |
|             |                | 1.000 x 6.000<br>(25.40 x 152.40) | 15               | 1.000 x 1.000<br>(25.40 x 25.40) |

## ▶ SELF-LAMINATING WIRE MARKERS



- ▶ Ten pages per book
- ▶ Same as above but with printed legends

### Vinyl (B-292)

| Part Number | LEGEND | Markers Each Legend |
|-------------|--------|---------------------|
| PWS-PK-1    | 0 - 9  | 45                  |
| PWS-PK-2    | A - Z  | 10                  |
|             | 0 - 15 | 10                  |
|             | +      | 10                  |
|             | -      | 10                  |
|             | /      | 10                  |
| PWS-PK-3    | 1 - 45 | 10                  |

| Part Number | LEGEND         | Markers Size Inch (mm)           | Markers Per Book | Size of Write-on Area Inch (mm)  |
|-------------|----------------|----------------------------------|------------------|----------------------------------|
| PWS-PK-14   | Blank/Write-on | 0.500 x 1.500<br>(12.70 x 38.00) | 180              | 0.500 x 0.750<br>(12.70 x 19.00) |

PORTA-PACK WIRE MARKER BOOKS PRE-PRINTED WIRE MARKERS

## Master Materials Chart

| Brady Material # | Material                                  | Color           | Temp. Range                        | Print Technology  | Properties & Applications  |
|------------------|---|-----------------|------------------------------------|---|--|
| B-184            | Aluminum Foil                             | Silver          | -40°F to 266°F<br>(-40°C to 130°C) | Pre-Printed   | Dead soft aluminum foil with good conformability. Permanent debossing when marked. Resistant to heat, oil and solvents. Abrasion-resistant. Environments containing heat, oil or solvents; abrasive environments. Excellent for motor vehicles and outdoor wiring.   |
| B-292            | Vinyl                                     | Clear/White     | -40°F to 150°F<br>(-40°C to 66°C)  | Dot Matrix<br>ID PRO® Plus<br>LS2000                              | Good conformability, durability. Self-extinguishing; write-on surface. Resistant to oil, water, solvents. Environments containing oil, water or solvents. On-the-job marking. Excellent for machine tool and underground wiring. Outstanding flat ribbon cable marker.                |
| B-302            | Polyester                                 | White           | -40°F to 230°F<br>(-40°C to 110°C) | Pre-Printed   | Surface printed white polyester with clear polyester overlamine.   |
| B-319            | Polyolefin                                | White           | -40°F to 221°F<br>(-40°C to 105°C) | Dot Matrix<br>ID PRO Plus<br>LS2000                               | Good legend permanence and smudge resistance. Applications requiring sleeve markers, computer-printable. Non heat-shrinkable.  |
| B-321            | Polyolefin                                | White           | -65°F to 221°F<br>(-54°C to 105°C) | Dot Matrix<br>ID PRO Plus<br>LS2000                               | Heat-shrinkable; excellent resistance to oil and solvents. Ink-receptive coating provides permanent legibility. Applications requiring sleeve markers, computer-printable.   |
| B-322            | Polyolefin                                | White or Yellow | -40°F to 221°F<br>(-40°C to 105°C) | Dot Matrix<br>ID PRO Plus<br>LS2000                               | Heat-shrinkable; self-extinguishing, permanent legibility. Applications requiring self-extinguishing sleeve markers, computer-printable. Aerospace and military wire marking. Meets MIL-S-85848.   |
| B-325            | PVC Polyvinyl-chloride                    | Yellow          | -40°F to 212°F<br>(-40°C to 100°C) | Pre-Printed<br>Omni-Grip®   | Pre-printed full circle polyvinylchloride sleeves.   |
| B-330            | Polyolefin                                | White or Yellow | -40°F to 248°F<br>(-40°C to 120°C) | Dot Matrix  | Heat-shrinkable polyolefin film with a computer-printable topcoat and a heat-activating adhesive. Identification of wire bundles, large conduits and installed cables.   |
| B-341            | Polyolefin                                | White or Yellow | -67°F to 275°F<br>(-55°C to 135°C) | Dot Matrix<br>Thermal Transfer                                    | 2-to-1 shrink ratio self-extinguishing; meets the material and physical property requirements of MIL-DTL-23053/5C (Class 1); MIL-M-81531; MIL-STD-202F; method 215 and UL224.  |
| B-342            | Polyolefin                                | White           | -67°F to 275°F<br>(-55°C to 135°C) | Dot Matrix<br>Thermal Transfer<br>ID PRO Plus<br>LS2000, TLS2200® | 3-to-1 shrink ratio self-extinguishing; meets the material and physical property requirements of MIL-DTL-23053/5C (class 1); MIL-M-81531; MIL-STD-202F; method 215 and UL 224  |
| B-350            | Polyester/Paper Laminate                  | White           | -94°F to 194°F<br>(-70°C to 90°C)  | Pre-Printed<br>Thermal Transfer                                   | Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting (service and repair).  |
| B-351            | Vinyl                                     | White           | -40°F to 212°F<br>(-40°C to 100°C) | Thermal Transfer  | Tamper-resistant film with a permanent acrylic adhesive. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.   |
| B-352            | Metallized Vinyl                          | Silver          | -40°F to 212°F<br>(-40°C to 100°C) | Thermal Transfer  | Tamper-resistant metallized film. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.   |
| B-354            | Water-Indicating Polyester/Paper Laminate | Gloss White     | -94°F to 194°F<br>(-70°C to 90°C)  | Thermal Transfer  | Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting (service and repair). Standard color change is white to blue. For special high volume applications, available in custom indicating colors and/or designs  |
| B-358            | Acetate                                   | Gloss Clear     | -40°F to 175°F<br>(-40°C to 80°C)  | Thermal Transfer  | Tamper resistant film with a permanent acrylic adhesive. Designed to fracture easily when removal is attempted. For use as package seals / closures.   |
| B-359            | Acetate                                   | Gloss White     | -40°F to 175°F<br>(-40°C to 80°C)  | Thermal Transfer  | Tamper resistant film with a permanent acrylic adhesive. Designed to fracture easily when removal is attempted. For use as package seals / closures.   |
| B-361            | Polyester                                 | Clear/White     | -94°F to 230°F<br>(-70°C to 110°C) | Laser   | Flexible, clear and conformable. Permanent adhesion within 24 hours. Self-laminating wire, cable and vial markers used in power plants and laboratories. Low halogen and sulfur content.   |
| B-389            | Polypropylene                             | White           | -40°F to 221°F<br>(-40°C to 100°C) | Dot Matrix  | Printable rigid inserts designed to be affixed to a wire.  |

 \*These materials are UL recognized.

\*Refer to the full page charts on pages 280-281 for more information and complete listing of parts.