

## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

B-342 PermaSleeve PS Polyolefin Wire Marking Sleeves are a 3:1 heat-shrinkable wire marking sleeve that fits snugly around wires for identification and protection.

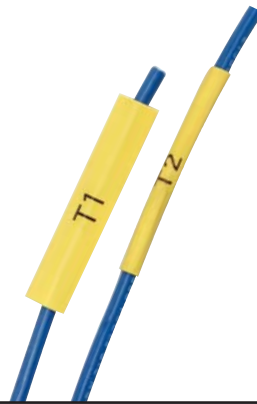
These fade-resistant and flame-retardant sleeves have an operating temperature of -67°F to 275°F (-55°C to 130°C).

### Meets Specifications:

- SAE-AS-23053/5
- SAE-AS-81531
- RoHS compliant
- UL recognized

### Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202



3" Core Materials

PermaSleeves

### Create Your B-342 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

**3PS - 187 - 2 - WT - S - 4**  
 Product Diameter Width Color Roll Qty Pieces  
 Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces  
 Optional

#### Printer Compatibility

BradyPrinter i7100  
 PR Plus Printer  
 BBP®72 Double Sided Printer

BradyPrinter i5100 and IP printer acceptable for size 125 and larger.

#### Ribbon Series

R4300, R4502S, R5000, R6600, R6700

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>STEP 1: Product Type</b> | <b>PS</b> = Single Sided Printing  |
|                             | <b>3PS</b> = Double Sided Printing |

|                         |  |
|-------------------------|--|
| <b>STEP 2: Diameter</b> | <b>094</b> = 3/32" 0.023" - 0.080" dia. 28 to 20 gauge |
|                         | <b>125</b> = 1/8" 0.046" - 0.110" dia. 22 to 16 gauge  |
|                         | <b>187</b> = 3/16" 0.062" - 0.150" dia. 20 to 10 gauge |
|                         | <b>250</b> = 1/4" 0.094" - 0.215" dia. 16 to 8 gauge   |
|                         | <b>375</b> = 3/8" 0.125" - 0.320" dia. 12 to 4 gauge   |
|                         | <b>500</b> = 1/2" 0.187" - 0.450" dia. 8 to 1 gauge    |
|                         | <b>750</b> = 3/4" 0.250" - 0.700" dia. 6 to 4/0 gauge  |
|                         | <b>1000</b> = 1" 0.333" - 0.950" dia. 2 to 0.950" dia. |
|                         | <b>1500</b> = 1-1/2" 0.500" - 1.400" dia. n/a          |

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>STEP 3: Sleeve Width</b> | <b>150</b> = 1-1/2" sleeve width |
|                             | <b>2</b> = 2" sleeve width       |

|                      |                        |                             |                    |                    |
|----------------------|------------------------|-----------------------------|--------------------|--------------------|
| <b>STEP 4: Color</b> | <i>Standard Colors</i> | <i>Special Order Colors</i> |                    |                    |
|                      | <b>WT</b> = White      | <b>BL</b> = Blue            | <b>OR</b> = Orange | <b>PK</b> = Pink   |
|                      | <b>YL</b> = Yellow     | <b>GR</b> = Green           | <b>GY</b> = Gray   | <b>RD</b> = Red    |
|                      |                        | <b>BL</b> = Black           | <b>BR</b> = Brown  | <b>VT</b> = Violet |

|                                     |   |                  |                 |
|-------------------------------------|---|------------------|-----------------|
| <b>STEP 5: Roll Qty. (optional)</b> | <i>For standard quantity, leave blank. For small quantity, enter "S".</i> |                  |                 |
|                                     | If sleeve diameter is 094-25  | Standard = 2,500 | Small (S) = 500 |
|                                     | If sleeve diameter is 375   | Standard = 1,000 | Small (S) = 250 |
|                                     | If sleeve diameter is 500   | Standard = 500   | Small (S) = 250 |
|                                     | If sleeve diameter is 750-1500  | Standard = 250   | Small (S) = 100 |

|   |   |  |
|---|---|--|
| <b>STEP 6: Pieces Per Sleeve (optional)</b> | <i>1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.</i> |  |
|   | <b>2</b> = Sleeve is slit to create 2 pieces  |  |
|   | <b>3</b> = Sleeve is slit to create 3 pieces  |  |
|   | <b>4</b> = Sleeve is slit to create 4 pieces  |  |

\* ⚠ **WARNING:** Cancer [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## B-7641 LSZH PermaSleeve Wire Markers:

Use the table below to browse standard white sleeves or build your own on page 206.

### 2" Sleeve Width, Double-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6000, R6600

| Catalog #         | Color | Sleeves Per Roll | Approx. Wire Gauge | Range of Wire Diameter Min. Max. | Supplied Dia. Inch (mm) | Recovered Dia. Inch (mm) | Recovered Wall Thickness Inch (mm) | Sleeve Width Inch (mm) |
|-------------------|-------|------------------|--------------------|----------------------------------|-------------------------|--------------------------|------------------------------------|------------------------|
| 2LSZH-094-2-WT    | White | 2,500            | 24 to 20           | 0.047 (1.2) - 0.080 (2.0)        | 0.094 (2.4)             | 0.047 (1.2)              | .021 (0.5) ± .004 (0.1)            | 2.000 (50.8)           |
| 2LSZH-094-2-WT-S  | White | 500              | 24 to 20           | 0.047 (1.2) - 0.080 (2.0)        | 0.094 (2.4)             | 0.047 (1.2)              | .021 (0.5) ± .004 (0.1)            | 2.000 (50.8)           |
| 2LSZH-125-2-WT    | White | 2,500            | 20 to 16           | 0.062 (1.6) - 0.110 (2.8)        | 0.125 (3.2)             | 0.063 (1.6)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-125-2-WT-S  | White | 500              | 20 to 16           | 0.062 (1.6) - 0.110 (2.8)        | 0.125 (3.2)             | 0.063 (1.6)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-187-2-WT    | White | 2,500            | 16 to 10           | 0.094 (2.4) - 0.151 (3.8)        | 0.187 (4.8)             | 0.094 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-187-2-WT-S  | White | 500              | 16 to 10           | 0.094 (2.4) - 0.151 (3.8)        | 0.187 (4.8)             | 0.094 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-250-2-WT    | White | 1,000            | 12 to 8            | 0.125 (3.2) - 0.215 (5.5)        | 0.250 (6.4)             | 0.126 (3.2)              | .029 (0.7) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-250-2-WT-S  | White | 250              | 12 to 8            | 0.125 (3.2) - 0.215 (5.5)        | 0.250 (6.4)             | 0.126 (3.2)              | .029 (0.7) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-375-2-WT    | White | 1,000            | 8 to 4             | 0.188 (4.8) - 0.320 (8.1)        | 0.375 (9.5)             | 0.189 (4.8)              | .028 (0.7) ± .002 (0.05)           | 2.000 (50.8)           |
| 2LSZH-375-2-WT-S  | White | 250              | 8 to 4             | 0.188 (4.8) - 0.320 (8.1)        | 0.375 (9.5)             | 0.189 (4.8)              | .028 (0.7) ± .002 (0.05)           | 2.000 (50.8)           |
| 2LSZH-500-2-WT    | White | 500              | 6 to 1             | 0.250 (6.4) - 0.450 (11.4)       | 0.500 (12.7)            | 0.252 (6.4)              | .028 (0.7) ± .002 (0.05)           | 2.000 (50.8)           |
| 2LSZH-500-2-WT-S  | White | 250              | 6 to 1             | 0.250 (6.4) - 0.450 (11.4)       | 0.500 (12.7)            | 0.252 (6.4)              | .028 (0.7) ± .002 (0.05)           | 2.000 (50.8)           |
| 2LSZH-750-2-WT    | White | 250              | 2 to 4/0           | 0.375 (9.5) - 0.700 (17.8)       | 0.750 (19.0)            | 0.375 (9.5)              | .031 (0.8) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-750-2-WT-S  | White | 100              | 2 to 4/0           | 0.375 (9.5) - 0.700 (17.8)       | 0.750 (19.0)            | 0.375 (9.5)              | .031 (0.8) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-1000-2-WT   | White | 250              | 2/0 to 0.950" dia. | 0.450 (11.4) - 0.950 (24.1)      | 1.000 (25.4)            | 0.500 (12.7)             | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-1000-2-WT-S | White | 100              | 2/0 to 0.950" dia. | 0.450 (11.4) - 0.950 (24.1)      | 1.000 (25.4)            | 0.500 (12.7)             | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-1500-2-WT   | White | 250              | N/A                | 0.750 (19.0) - 1.400 (35.6)      | 1.500 (38.1)            | 0.752 (19.1)             | .038 (1.0) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-2000-2-WT   | White | 100              | N/A                | 1.000 (25.4) - 1.900 (48.3)      | 2.000 (50.8)            | 1.000 (25.4)             | .038 (1.0) ± .003 (0.07)           | 2.000 (50.8)           |
| 2LSZH-2000-2-WT-S | White | 50               | N/A                | 1.000 (25.4) - 1.900 (48.3)      | 2.000 (50.8)            | 1.000 (25.4)             | .038 (1.0) ± .003 (0.07)           | 2.000 (50.8)           |

3" Core Materials

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