

# BBP®11 Small Core Materials

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BBP®11 1" Small Core:

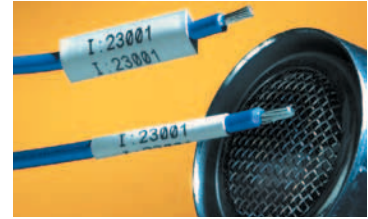
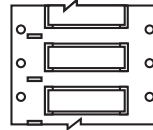
## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

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 meet the following insulating material and physical property specifications:

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

Tested per:

- ASTM E162
- ASTM E662



**Understanding PermaSleeve Parts:**

Example:  
**PS - 187 - 2 - WT - SC**

| Product | Diameter | Width | Color* | Small Core for BBP11 | Pieces** (Optional) |
|---------|----------|-------|--------|----------------------|---------------------|
| PS      | 187      | 2     | WT     | SC                   | 2                   |

| Catalog                                                      | Sleeves Per Roll | Approx. Wire Gauge | Range of Wire Dia. Inch (mm) Min. Max. | Supplied Dia. Inch (mm) | Recovered Dia. Inch (mm) | Recovered Wall Thickness Inch (mm) | Sleeve Width Inch (mm) | Rec. Printer | Rec. Ribbon  |
|--------------------------------------------------------------|------------------|--------------------|----------------------------------------|-------------------------|--------------------------|------------------------------------|------------------------|--------------|--------------|
| <b>BBP11 1" Small Core, Single-Sided Printable, 2" Width</b> |                  |                    |                                        |                         |                          |                                    |                        |              |              |
| PS-094-2-WT-SC                                               | 1,000            | 28 to 20           | 0.023 (0.6) - 0.080 (2.0)              | 0.094 (2.4)             | 0.024 (0.6)              | .024 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-094-2-YL-SC                                               | 1,000            | 28 to 20           | 0.023 (0.6) - 0.080 (2.0)              | 0.094 (2.4)             | 0.024 (0.6)              | .024 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-125-2-WT-SC                                               | 1,000            | 22 to 16           | 0.046 (1.2) - 0.110 (2.8)              | 0.125 (3.2)             | 0.047 (1.2)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-125-2-YL-SC                                               | 1,000            | 22 to 16           | 0.046 (1.2) - 0.110 (2.8)              | 0.125 (3.2)             | 0.047 (1.2)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-187-2-WT-SC                                               | 1,000            | 20 to 10           | 0.062 (1.6) - 0.150 (3.8)              | 0.187 (4.7)             | 0.062 (1.6)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-187-2-WT-SC-2                                             | 1,000            | 20 to 10           | 0.062 (1.6) - 0.150 (3.8)              | 0.187 (4.7)             | 0.062 (1.6)              | .020 (0.5) ± .003 (0.07)           | 1.000 (25.4)           | BBP11        | R4313/ R6613 |
| PS-187-2-YL-SC                                               | 1,000            | 20 to 10           | 0.062 (1.6) - 0.150 (3.8)              | 0.187 (4.7)             | 0.062 (1.6)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-250-2-WT-SC                                               | 500              | 16 to 8            | 0.094 (2.4) - 0.215 (5.5)              | 0.250 (6.4)             | 0.093 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-250-2-WT-SC-2                                             | 500              | 16 to 8            | 0.094 (2.4) - 0.215 (5.5)              | 0.250 (6.4)             | 0.093 (2.4)              | .025 (0.6) ± .003 (0.07)           | 1.000 (25.4)           | BBP11        | R4313/ R6613 |
| PS-250-2-YL-SC                                               | 500              | 16 to 8            | 0.094 (2.4) - 0.215 (5.5)              | 0.250 (6.4)             | 0.093 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-375-2-WT-SC                                               | 250              | 12 to 4            | 0.125 (3.2) - 0.320 (8.13)             | 0.375 (9.5)             | 0.125 (3.1)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-375-2-WT-SC-2                                             | 250              | 12 to 4            | 0.125 (3.2) - 0.320 (8.13)             | 0.375 (9.5)             | 0.125 (3.1)              | .025 (0.6) ± .003 (0.07)           | 1.000 (25.4)           | BBP11        | R4313/ R6613 |
| PS-375-2-YL-SC                                               | 250              | 12 to 4            | 0.125 (3.2) - 0.320 (8.13)             | 0.375 (9.5)             | 0.125 (3.1)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-500-2-WT-SC                                               | 250              | 8 to 1             | 0.187 (4.8) - 0.450 (11.4)             | 0.500 (12.7)            | 0.187 (4.7)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-500-2-YL-SC                                               | 250              | 8 to 1             | 0.187 (4.8) - 0.450 (11.4)             | 0.500 (12.7)            | 0.187 (4.7)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-750-2-WT-SC                                               | 100              | 6 to 4/0           | 0.250 (6.6) - 0.700 (17.8)             | 0.750 (19.0)            | 0.250 (6.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-750-2-YL-SC                                               | 100              | 6 to 4/0           | 0.250 (6.6) - 0.700 (17.8)             | 0.750 (19.0)            | 0.250 (6.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-1000-2-WT-SC                                              | 100              | 2 to 0.950 dia.    | 0.333 (8.5) - 0.950 (24.1)             | 1.000 (25.4)            | 0.375 (9.5)              | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| PS-1000-2-YL-SC                                              | 100              | 2 to 0.950 dia.    | 0.333 (8.5) - 0.950 (24.1)             | 1.000 (25.4)            | 0.375 (9.5)              | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| <b>BBP11 1" Small Core, Double-Sided Printable, 2" Width</b> |                  |                    |                                        |                         |                          |                                    |                        |              |              |
| 3PS-094-2-WT-SC                                              | 1,000            | 28 to 20           | 0.023 (0.6) - 0.080 (2.0)              | 0.094 (2.4)             | 0.024 (0.6)              | .024 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-094-2-YL-SC                                              | 1,000            | 28 to 20           | 0.023 (0.6) - 0.080 (2.0)              | 0.094 (2.4)             | 0.024 (0.6)              | .024 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-125-2-WT-SC                                              | 1,000            | 22 to 16           | 0.046 (1.2) - 0.110 (2.8)              | 0.125 (3.2)             | 0.047 (1.2)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-125-2-YL-SC                                              | 1,000            | 22 to 16           | 0.046 (1.2) - 0.110 (2.8)              | 0.125 (3.2)             | 0.047 (1.2)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-187-2-WT-SC                                              | 1,000            | 20 to 10           | 0.062 (1.6) - 0.150 (3.8)              | 0.187 (4.7)             | 0.062 (1.6)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-187-2-YL-SC                                              | 1,000            | 20 to 10           | 0.062 (1.6) - 0.150 (3.8)              | 0.187 (4.7)             | 0.062 (1.6)              | .020 (0.5) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-250-2-WT-SC                                              | 500              | 16 to 8            | 0.094 (2.4) - 0.215 (5.5)              | 0.250 (6.4)             | 0.093 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-250-2-YL-SC                                              | 500              | 16 to 8            | 0.094 (2.4) - 0.215 (5.5)              | 0.250 (6.4)             | 0.093 (2.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-375-2-WT-SC                                              | 250              | 12 to 4            | 0.125 (3.2) - 0.320 (8.1)              | 0.375 (9.5)             | 0.125 (3.1)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-375-2-YL-SC                                              | 250              | 12 to 4            | 0.125 (3.2) - 0.320 (8.1)              | 0.375 (9.5)             | 0.125 (3.1)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-500-2-WT-SC                                              | 250              | 8 to 1             | 0.187 (4.8) - 0.450 (11.4)             | 0.500 (12.7)            | 0.187 (4.7)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-500-2-YL-SC                                              | 250              | 8 to 1             | 0.187 (4.8) - 0.450 (11.4)             | 0.500 (12.7)            | 0.187 (4.7)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-750-2-WT-SC                                              | 100              | 6 to 4/0           | 0.250 (6.4) - 0.700 (17.8)             | 0.750 (19.0)            | 0.250 (6.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-750-2-YL-SC                                              | 100              | 6 to 4/0           | 0.250 (6.4) - 0.700 (17.8)             | 0.750 (19.0)            | 0.250 (6.4)              | .025 (0.6) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-1000-2-WT-SC                                             | 100              | 2 to 0.950 dia.    | 0.333 (8.5) - 0.950 (24.1)             | 1.000 (25.4)            | 0.375 (9.5)              | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |
| 3PS-1000-2-YL-SC                                             | 100              | 2 to 0.950 dia.    | 0.333 (8.5) - 0.950 (24.1)             | 1.000 (25.4)            | 0.375 (9.5)              | .036 (0.9) ± .003 (0.07)           | 2.000 (50.8)           | BBP11        | R4313/ R6613 |

Approx. wire gauge based on AWG for THHN wire.

| *Choosing Your PermaSleeve Color                           |                                                                                                                                                                                            |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standard Stock Colors:</b><br>WT = White<br>YL = Yellow | <b>Special Order Colors:</b><br>(Contact Brady Customer Service for availability)<br>BK = Black GR = Green PK = Pink<br>BL = Blue GY = Gray RD = Red<br>BR = Brown OR = Orange VT = Violet |

| ** Choosing Your PermaSleeve Pieces (optional):                                                                                                                                                                                                                |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, you may special order to have each sleeve slit multiple times to produce multiple pieces.<br>Example: PS-187-2-WT-SC becomes PS-187-2-WT-SC-2<br>This "2" means that this 2.000" sleeve is slit into two 1.000" pieces. |                                                                                                                           |
| <b>Standard Slit Option:</b><br>1 marker per sleeve                                                                                                                                                                                                            | <b>Other Available Slit Options:</b><br>(Contact Brady Customer Service for availability)<br>2, 3 or 4 markers per sleeve |