

BMP®71 Label Materials

BradyID.com/bmp71

PermaSleeve® PS Wire Marking Sleeves (B-342)

3:1 heat shrinkable single-side printable sleeves
fit snugly around wire for identification & protection.
Fade resistant and flame retardant. Meets the following
material and physical property specifications.

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202 E162 and ASTM E662
- RoHS Compliant
- UL Recognized
- **Tested per:** ASTM

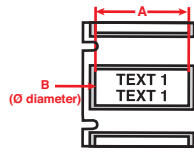


Figure 44

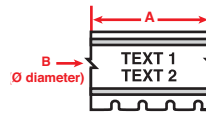


Figure 58



Portable Printers

BMP®71 Printer

| Diagram | Catalog # | Color | Approx. Wire Gauge | For Wire Diameters Inch (mm) Min. Max. | Supplied Diameter B Inch (mm) | Recovered Diameter Inch (mm) | Recovered Wall Thickness Inch (mm) | Sleeves Per Row | Per Roll | Rec. Ribbon |
|---|--------------------|--------|--------------------|--|-------------------------------------|------------------------------------|--|-----------------------|-------------|----------------|
| 3:1 Shrink ratio single-side printable, 1" sleeve width (dimension A): | | | | | | | | | | |
| Fig. 44 | M71-94-1-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-125-1-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-125-1-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-187-1-342 | White | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-187-1-342 | White | 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 | 100 | M71-R4300 |
| Fig. 44 | BM71-250-1-342 | White | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-250-1-342 | White | 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 | 100 | M71-R4300 |
| Fig. 44 | BM71-375-1-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-375-1-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-500-1-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-500-1-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | M71-1000-1-342 | White | 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) | 1 | 50 | M71-R4300 |
| Fig. 44 | M71-94-1-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | M71-125-1-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-187-1-342YL | Yellow | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-187-1-342YL | Yellow | 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 | 100 | M71-R4300 |
| Fig. 44 | M71-250-1-342YL | Yellow | 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 | 100 | M71-R4300 |
| Fig. 44 | M71-375-1-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-500-1-342YL | Yellow | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-500-1-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | M71-1000-1-342YL | Yellow | 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) | 1 | 50 | M71-R4300 |
| 3:1 Shrink ratio single-side printable, 1.75" sleeve width (dimension A): | | | | | | | | | | |
| Fig. 44 | M71-94-175-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-125-175-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-125-175-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-187-175-342 | White | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-187-175-342 | White | 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 | 100 | M71-R4300 |
| Fig. 44 | BM71-250-175-342 | White | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-250-175-342 | White | 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 | 100 | M71-R4300 |
| Fig. 44 | BM71-375-175-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-375-175-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-500-175-342 | White | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-500-175-342 | White | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-1000-175-342 | White | 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) | 1 | 50 | M71-R4300 |
| Fig. 44 | M71-1000-175-342 | White | 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) | 1 | 50 | M71-R4300 |
| Fig. 44 | BM71-94-175-342YL | Yellow | 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) | 1 | 2500 | M71-R4300 |
| Fig. 44 | M71-94-175-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-125-175-342YL | Yellow | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-125-175-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-187-175-342YL | Yellow | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-187-175-342YL | Yellow | 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 | 100 | M71-R4300 |
| Fig. 44 | BM71-250-175-342YL | Yellow | 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 | 1000 | M71-R4300 |
| Fig. 44 | M71-250-175-342YL | Yellow | 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 | 100 | M71-R4300 |
| Fig. 44 | M71-375-175-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | BM71-500-175-342YL | Yellow | 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) | 1 | 1000 | M71-R4300 |
| Fig. 44 | M71-500-175-342YL | Yellow | 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) | 1 | 100 | M71-R4300 |
| Fig. 44 | M71-1000-175-342YL | Yellow | 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) | 1 | 50 | M71-R4300 |
| 3:1 Shrink ratio single-side printable, continuous cut-to-length sleeve width (dimension A): | | | | | | | | | | |
| Fig. 58 | BM71C-125-342 | White | 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) | 1 Roll (cont.) | | M71-R4300 |
| Fig. 58 | BM71C-187-342 | White | 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 Roll (cont.) | | M71-R4300 |
| Fig. 58 | BM71C-250-342 | White | 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 Roll (cont.) | | M71-R4300 |
| Fig. 58 | BM71C-375-342 | White | 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) | 1 Roll (cont.) | | M71-R4300 |
| Fig. 58 | BM71C-500-342 | White | 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) | 1 Roll (cont.) | | M71-R4300 |
| Fig. 58 | BM71C-1000-342 | White | 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) | 1 Roll (cont.) | | M71-R4300 |

* Approx. wire gauge based on AWG for THHN wire.