

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

Standard Military/Industrial Grade. 3:1 Shrink ratio.

- A 3:1 heat shrinkable wire marker sleeve that fits snugly around wires
- Fade-resistant and flame-retardant
- Meets the following insulating and physical property specifications:
  - SAE-AMS-DTL-23053/5C (class 1)
  - SAE-AS-81531
  - MIL-STD-202
  - Tested per ASTM E162, ASTM E662

Service temp: -40°F to 267°F  
 (short burst max temp: 5 min at 500°F, 24 hrs at 350°F)  
 Agency approvals:

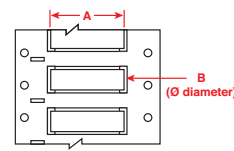


Figure 20

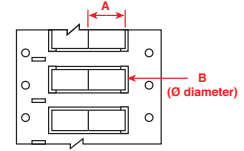


Figure 20-2

Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	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
<b>3:1 Shrink ratio single-side printable, 2" sleeve width (dimension A):</b>												
BBP33	Fig. 20	* B33-94-2-342	B-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	1000	B30-R4300
BBP33	Fig. 20	* B33-125-2-342	B-342	White	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	* B33-187-2-342	B-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	750	B30-R4300
BBP33	Fig. 20	* B33-250-2-342	B-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	500	B30-R4300
BBP33	Fig. 20	* B33-375-2-342	B-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	500	B30-R4300
BBP33	Fig. 20	* B33-500-2-342	B-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	350	B30-R4300
BBP33	Fig. 20	* B33-750-2-342	B-342	White	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)	1	250	B30-R4300
BBP33	Fig. 20	* B33-1000-2-342	B-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	250	B30-R4300
BBP33	Fig. 20	* B33-1500-2-342	B-342	White	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	* B33-94-2-342YL	B-342	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	1000	B30-R4300
BBP33	Fig. 20	* B33-125-2-342YL	B-342	Yellow	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	* B33-187-2-342YL	B-342	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	750	B30-R4300
BBP33	Fig. 20	* B33-250-2-342YL	B-342	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	500	B30-R4300
BBP33	Fig. 20	* B33-375-2-342YL	B-342	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	500	B30-R4300
BBP33	Fig. 20	* B33-500-2-342YL	B-342	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	350	B30-R4300
BBP33	Fig. 20	* B33-750-2-342YL	B-342	Yellow	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)	1	250	B30-R4300
BBP33	Fig. 20	* B33-1000-2-342YL	B-342	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	250	B30-R4300
BBP33	Fig. 20	* B33-1500-2-342YL	B-342	Yellow	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	* B33-1500-2-342BK	B-342	Black	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4500-SV
<b>3:1 Shrink ratio single-side printable, 1" sleeve width in "2-up pre-cut" configuration (dimension A):</b>												
BBP33	Fig. 20-2	* B33-94-2-342-2	B-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)	2	2000	B30-R4300
BBP33	Fig. 20-2	* B33-125-2-342-2	B-342	White	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	* B33-187-2-342-2	B-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)	2	1500	B30-R4300
BBP33	Fig. 20-2	* B33-250-2-342-2	B-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)	2	1000	B30-R4300
BBP33	Fig. 20-2	* B33-375-2-342-2	B-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)	2	1000	B30-R4300
BBP33	Fig. 20-2	* B33-500-2-342-2	B-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	.025 (0.6) +/- .003 (0.07)	2	700	B30-R4300
BBP33	Fig. 20-2	* B33-750-2-342-2	B-342	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	.025 (0.6) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	* B33-1000-2-342-2	B-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)	2	500	B30-R4300
BBP33	Fig. 20-2	* B33-1500-2-342-2	B-342	White	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	2	150	B30-R4300
BBP33	Fig. 20-2	* B33-94-2-342YL-2	B-342	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)	2	2000	B30-R4300
BBP33	Fig. 20-2	* B33-125-2-342YL-2	B-342	Yellow	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	* B33-187-2-342YL-2	B-342	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	.025 (0.6) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	* B33-500-2-342YL-2	B-342	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	.025 (0.6) +/- .003 (0.07)	2	700	B30-R4300
BBP33	Fig. 20-2	* B33-1000-2-342YL-2	B-342	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)	2	500	B30-R4300
BBP33	Fig. 20-2	* B33-1500-2-342YL-2	B-342	Yellow	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	2	300	B30-R4300

\* Warning: Cancer www.P65Warnings.ca.gov

All labels shown are compatible with the BradyPrinter S3100, BBP30, BBP31, BBP33, BBP35 and BBP37 printers unless otherwise noted.