

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
- Can be used for identification or wire protection
- Fade-resistant and flame-retardant
- Meets the following insulating and physical property specifications:
 - SAE-AS-23053/5 and SAE-AS-81531
 - Tested per ASTM E162, ASTM E662 and MIL-STD-202

Service temp: -40°F to 267°F

(short burst max temp: 5 min at 500°F, 24 hrs at 350°F)

Agency approvals:  

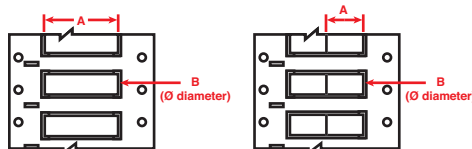


Figure 20

Figure 20-2



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	Sleeves Per Roll	Rec. Ribbon
3:1 Shrink ratio single-side printable, 2" sleeve width (dimension A):											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3:1 Shrink ratio single-side printable, 1" sleeve width in "2-up pre-cut" configuration (dimension A):											
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
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
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
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
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
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
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
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
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
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
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
Fig. 20-2	* B33-750-2-342YL-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
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
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
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 BBP33 and may also be compatible with S3100, BBP30, 31, 35 and 37 printers. Visit BradyID.com to confirm compatibility.

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

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	Sleeves Per Roll	Rec. Ribbon
3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):											
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-125-2-342-2	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)	2	2000	B30-R4300
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
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Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-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
Fig. 20	* B33D-94-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-125-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-187-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-250-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-375-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-500-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-750-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-1000-2-342BK	B-342	Black	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-R4500-SV
Fig. 20	* B33D-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

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QuickSleeve Handheld Sleeve Applicator

The QuickSleeve Handheld Sleeve Applicator is an intuitive multi-tool designed to help you quickly apply sleeves on to wires in three simple steps – just pick, slip and apply. This tool includes:

- Four specially designed slanted tubes sized for sleeve sizes 0.094, 0.125, 0.187 and 0.250 inches
- Built-in LED flashlight for use in low-lit conditions
- Terminal block sized screwdriver



Pick



Slip



Apply

Catalog #	Description	Qty.
QS	QuickSleeve multi-tool with 4 tube sizes (for 0.094, 0.125, 0.187 and 0.250 inches), terminal block sized screwdriver and LED flashlight.	1 Set

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