

B30- and B33-Series Materials

BradyID.com/s36

PermaSleeve® PS Polyolefin Wire Markers (B-342)

Military / industrial grade sleeves offer the ultimate in marker durability, permanence and aesthetic appearance. 3:1 heat-shrinkable markers fit snugly around wires, are fade-resistant and flame-retardant.

Meets specifications:

- SSAE-AS-23053/5
- SAE-AS-81531

Tested per:

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

Service temp: -40° F to 275° F

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

Agency approvals:  RoHS

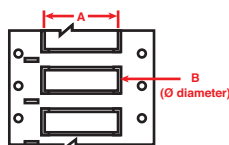


Figure 20

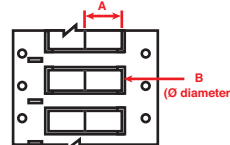


Figure 20-2
(perforated)



Fits Printers	Figure	Catalog #	Material	For Wire Gauge (approx.)	Range For Wire Diameters Inch (mm)	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, 2 inch sleeve width (dimension A):											
i3300, BBP33	Fig. 20	* B33-94-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-125-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-187-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-250-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-375-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-500-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-750-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-1000-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-1500-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33-94-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-125-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-187-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-250-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-375-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-500-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-750-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-1000-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-1500-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33-1500-2-342BK	B-342	Blk.	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, perforated material resulting in two 1 inch width sleeves (dimension A):											
i3300, BBP33	Fig. 20-2	* B33-94-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-125-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-187-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-250-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-375-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-500-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-750-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-1000-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-1500-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20-2	* B33-94-2-342YL-2	B-342	Ylw.	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
i3300, BBP33	Fig. 20-2	* B33-125-2-342YL-2	B-342	Ylw.	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
i3300, BBP33	Fig. 20-2	* B33-750-2-342YL-2	B-342	Ylw.	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
i3300, BBP33	Fig. 20-2	* B33-500-2-342YL-2	B-342	Ylw.	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
i3300, BBP33	Fig. 20-2	* B33-1000-2-342YL-2	B-342	Ylw.	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
i3300, BBP33	Fig. 20-2	* B33-1500-2-342YL-2	B-342	Ylw.	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 supplies listed are compatible with the following printers unless otherwise noted:
BradyPrinter S3000, S3100, i3300, BBP®30, BBP®31, BBP®33, BBP®35 and BBP®37 printers.

B-342 PermaSleeve® PS Polyolefin Wire Markers (continued)

Fits Printers	Figure	Catalog #	Material	For Wire Gauge (approx.)	Range For Wire Diameters Inch (mm)	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, double-side printable, 2 inch sleeve width (dimension A):											
i3300, BBP33	Fig. 20	* B33D-94-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-125-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-125-2-342-2	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-187-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-250-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-375-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-500-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-750-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-1000-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-1500-2-342	B-342	Wt.	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
i3300, BBP33	Fig. 20	* B33D-94-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-125-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-187-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-250-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-375-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-500-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-750-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-1000-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-1500-2-342YL	B-342	Ylw.	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
i3300, BBP33	Fig. 20	* B33D-94-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-125-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-187-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-250-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-375-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-500-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-750-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-1000-2-342BK	B-342	Blk.	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
i3300, BBP33	Fig. 20	* B33D-1500-2-342BK	B-342	Blk.	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

*  **WARNING:** Cancer www.P65Warnings.ca.gov

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:

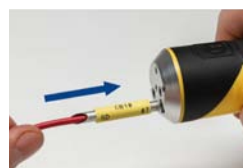
- Four specially designed slanted tubes sized for sleeve sizes 0.094, 0.125, 0.187 and 0.250 inches
- Built-in LED flashlight for use in low-lit conditions
- Terminal block sized screwdriver



Catalog #	Description	Qty.
QS	Quicksleeve Multi-Tool	1 Set



Pick



Slip



Apply

*All supplies listed are compatible with the following printers unless otherwise noted:
BradyPrinter S3000, S3100, i3300, BBP®30, BBP®31, BBP®33, BBP®35 and BBP®37 printers.