BBP®31 and BBP®33 Materials

Pre-Printed Right-To-Know Chemical Labels (B-595)

- Allows printer to produce 5-color chemical labels in a single print pass
- Indoor/outdoor grade material withstands exposure to moisture, chemicals and handling

Service temp: -40°F to 180°F Application temp: 0°F to 180°F
Average Outdoor Durability: 8 to 10 years
Agency approvals: RoHS

Fits Printer Model(s)	Catalog #	B#		Legend	Label Height Inch (mm)	Label Width Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	B30-244-595-NFPA	B-595		Diamond + Text	2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-245-595-NFPA	B-595		Diamond + Text	2.250 (57.5)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-263-595-NFPA	B-595		Diamond + Text	4.000 (101.6)	6.250 (158.8)	1	170	B30-R10000
BBP31, BBP33	B30-244-595-DIAM	B-595		Diamond Only	2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-161-595-DIAM	B-595		Diamond Only	4.000 (101.6)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-246-595-NFR	B-595		Diamond NFR	1.125 (28.6)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	B30-244-595-CB	B-595		Color Bar + Text	2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-245-595-CB	B-595		Color Bar + Text	2.250 (57.5)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-263-595-CB	B-595		Color Bar + Text	4.000 (101.6)	6.250 (158.8)	1	170	B30-R10000
BBP31, BBP33	B30-244-595-HMIG	B-595		Color Bar Only	2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-246-595-HMIG	B-595		Color Bar HMIG	1.125 (28.6)	3.000 (76.2)	1	300	B30-R10000

Paper Labels (B-424)

- Economical choice for light duty general ID
- White finish and matte topcoat
- Excellent contrast and smear resistance for bar code printing

Service temp: -40°F to 124°F
Agency approvals: RoHS

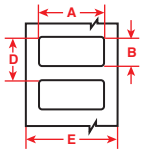


Figure 2

Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 2	B33-53-424	B-424	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2500	B30-R4300
BBP33 only	Fig. 2	B33-17-424	B-424	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	-	1	1500	B30-R4300
BBP33 only	Fig. 2	B33-7-424	B-424	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1000	B30-R4300
BBP33 only	Fig. 2	B33-18-424	B-424	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	-	1	1500	B30-R4300
BBP33 only	Fig. 2	B33-19-424	B-424	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	-	1	500	B30-R4300
BBP33 only	Fig. 2	B33-20-424	B-424	White	3.000 (76.2)	5.000 (127)	-	5.125 (130.2)	3.200 (81.3)	1	250	B30-R4300
BBP33 only	Fig. 2	B33-55-424	B-424	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R4300
BBP33 only	Fig. 2	B33-25-424	B-424	White	4.000 (101.6)	6.000 (152.4)	6.125 (155.6)	4.200 (106.7)	-	1	350	B30-R4300

Cold Temperature Application Material (B-549)

- Special adhesive permanently adheres to extremely cold surfaces
- Can be applied in -10°F and lasts in -40°F
- Ideal for cold storage warehouses, coolers, freezers, and short-term winter outdoor use

Service temp: -40°F to 212°F Application temp: -10°F to 212°F
Average Outdoor Durability: Up to 1 year

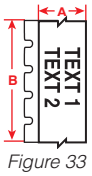


Figure 33

Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-1125-549-WT	B-549	White	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-549-WT	B-549	White	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-549-WT	B-549	White	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-549-YL	B-549	Yellow	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-549-YL	B-549	Yellow	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-549-YL	B-549	Yellow	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000

Raised Profile Labels - Engraved Plate Substitutes - Push Button Style (B-593)

Costs up to 80% less than engraved legend plates.

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (0.70mm thick)
- High performance, low cost substitute to engraved plates
- 10-year outdoor durability rating
- On-demand labeling: labels print out in less than 4 seconds
- 5 push button sizes (including keyed and non-keyed 22.5mm, and 30.5mm hole diameter keyed)

Service temp: -4°F to 212°F Application temp: 50°F to 212°F
Average Outdoor Durability: Up to 10 years
Agency approvals:

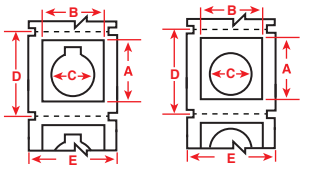
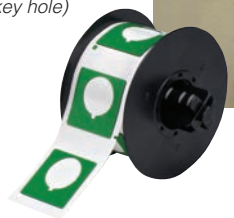


Figure 18a

Figure 18b (Without key hole)



Note: BBP®31 printers purchased prior to 2012 require a free mechanical rework and firmware upgrade in order to be compatible with the following B-595 Raised Panel Labels. Please contact Technical Support at 1-800-643-8766 for details.

Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Height A Inch (mm)	Label Width B Inch (mm)	Hole Diameter C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 18a	B30EP-167-593-WT	B-593	White	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R6000
BBP31, BBP33	Fig. 18b	B30EP-167U-593-WT	B-593	White	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-169-593-WT	B-593	White	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	2.000 (50.8)	2.500 (63.5)	1	190	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-168-593-WT	B-593	White	1.900 (48.3)	1.200 (30.5)	0.885 (22.5)	2.125 (54.0)	2.500 (63.5)	1	180	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-170-593-WT	B-593	White	2.400 (60.9)	2.400 (60.9)	1.200 (30.5)	2.625 (66.7)	3.250 (82.6)	1	145	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-167-593-YL	B-593	Yellow	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R6000
BBP31, BBP33	Fig. 18b	B30EP-167U-593-YL	B-593	Yellow	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-169-593-YL	B-593	Yellow	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	2.000 (50.8)	2.500 (63.5)	1	190	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-168-593-YL	B-593	Yellow	1.900 (48.3)	1.200 (30.5)	0.885 (22.5)	2.125 (54.0)	2.500 (63.5)	1	180	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-170-593-YL	B-593	Yellow	2.400 (60.9)	2.400 (60.9)	1.200 (30.5)	2.625 (66.7)	3.250 (82.6)	1	145	B30-R6000
BBP31, BBP33	Fig. 18a	B30EP-167-593-BK	B-593	Black	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18b	B30EP-167U-593-BK	B-593	Black	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-169-593-BK	B-593	Black	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	2.000 (50.8)	2.500 (63.5)	1	190	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-168-593-BK	B-593	Black	1.900 (48.3)	1.200 (30.5)	0.885 (22.5)	2.125 (54.0)	2.500 (63.5)	1	180	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-170-593-BK	B-593	Black	2.400 (60.9)	2.400 (60.9)	1.200 (30.5)	2.625 (66.7)	3.250 (82.6)	1	145	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-167-593-GN	B-593	Green	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18b	B30EP-167U-593-GN	B-593	Green	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-169-593-GN	B-593	Green	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	2.000 (50.8)	2.500 (63.5)	1	190	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-168-593-GN	B-593	Green	1.900 (48.3)	1.200 (30.5)	0.885 (22.5)	2.125 (54.0)	2.500 (63.5)	1	180	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-170-593-GN	B-593	Green	2.400 (60.9)	2.400 (60.9)	1.200 (30.5)	2.625 (66.7)	3.250 (82.6)	1	145	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-167-593-RD	B-593	Red	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18b	B30EP-167U-593-RD	B-593	Red	1.500 (38.1)	1.200 (30.5)	0.885 (22.5)	1.750 (44.5)	2.500 (63.5)	1	200	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-169-593-RD	B-593	Red	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	2.000 (50.8)	2.500 (63.5)	1	190	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-168-593-RD	B-593	Red	1.900 (48.3)	1.200 (30.5)	0.885 (22.5)	2.125 (54.0)	2.500 (63.5)	1	180	B30-R4400-WT
BBP31, BBP33	Fig. 18a	B30EP-170-593-RD	B-593	Red	2.400 (60.9)	2.400 (60.9)	1.200 (30.5)	2.625 (66.7)	3.250 (82.6)	1	145	B30-R4400-WT

Calculate Your Cost Savings

A 1" x 2" rectangular raised profile label costs approximately **$0.60**, lasts up to 10 years outdoors and prints in seconds!
A 22.5mm push button label will cost you about **$0.32**!

What are you paying for engraved plates?

Raised Profile Labels - Engraved Plate Substitutes - Rectangular Style (B-593)

Costs up to 80% less than engraved legend plates.

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (0.70mm thick)
- Ideal for inside-panel backer board labels and front-of-enclosure labeling
- Up to 80% less than engraved plates and print out in about 4 seconds
- 10-year outdoor durability rating
- 6 colors, 7 rectangular sizes

Service temp: -4ºF to 212ºF Application temp: 50ºF to 212ºF
Average Outdoor Durability: Up to 10 years
Agency approvals: UL RoHS cUL

Note: BBP®31 printers purchased prior to 2012 require a free mechanical rework and firmware upgrade in order to be compatible with the following B-595 Raised Panel Labels. Please contact Technical Support at 1-800-643-8766 for details.

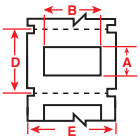
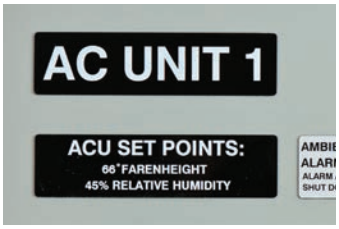


Figure 18c



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Height A Inch (mm)	Label Width B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 18c	B30EP-171-593-WT	B-593	White	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-172-593-WT	B-593	White	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-175-593-WT	B-593	White	0.750 (19.1)	3.000 (76.2)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-173-593-WT	B-593	White	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-174-593-WT	B-593	White	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-176-593-WT	B-593	White	1.000 (25.4)	3.000 (76.2)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-177-593-WT	B-593	White	2.500 (63.5)	3.000 (76.2)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-171-593-YL	B-593	Yellow	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-172-593-YL	B-593	Yellow	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-175-593-YL	B-593	Yellow	0.750 (19.1)	3.000 (76.2)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-173-593-YL	B-593	Yellow	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-174-593-YL	B-593	Yellow	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-176-593-YL	B-593	Yellow	1.000 (25.4)	3.000 (76.2)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-177-593-YL	B-593	Yellow	2.500 (63.5)	3.000 (76.2)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-171-593-BK	B-593	Black	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-172-593-BK	B-593	Black	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-175-593-BK	B-593	Black	0.750 (19.1)	3.000 (76.2)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-173-593-BK	B-593	Black	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-174-593-BK	B-593	Black	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-176-593-BK	B-593	Black	1.000 (25.4)	3.000 (76.2)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-177-593-BK	B-593	Black	2.500 (63.5)	3.000 (76.2)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-171-593-GN	B-593	Green	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-172-593-GN	B-593	Green	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-175-593-GN	B-593	Green	0.750 (19.1)	3.000 (76.2)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-173-593-GN	B-593	Green	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-174-593-GN	B-593	Green	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-176-593-GN	B-593	Green	1.000 (25.4)	3.000 (76.2)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-177-593-GN	B-593	Green	2.500 (63.5)	3.000 (76.2)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-171-593-RD	B-593	Red	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-172-593-RD	B-593	Red	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-173-593-RD	B-593	Red	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-174-593-RD	B-593	Red	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
BBP31, BBP33	Fig. 18c	B30EP-171-593-SL	B-593	Silver	0.490 (12.5)	1.060 (26.9)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-172-593-SL	B-593	Silver	0.590 (15.0)	1.770 (45.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-173-593-SL	B-593	Silver	1.000 (25.4)	2.000 (50.8)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
BBP31, BBP33	Fig. 18c	B30EP-174-593-SL	B-593	Silver	1.000 (25.4)	4.000 (101.6)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000