



Unbelievably easy. Brilliantly fast.

BBP®33 Label Printer

BradyID.com/bbp33

Unbelievably easy.

The way label making should be.

Introducing the BBP®33 Label Printer - and a whole new way to make labels. No more tedious, time-consuming setups or calibrations. No more difficult-to-load materials. No more wasted labels. No more hassles. This printer is so simple to use, most of our customers don't even believe us the first time we show them. But believe it, because it really is that easy.

It's an industrial label printer that's simple, powerful and brilliantly fast. **Exactly the way label making should be.**



Automatic label setup with no calibration!

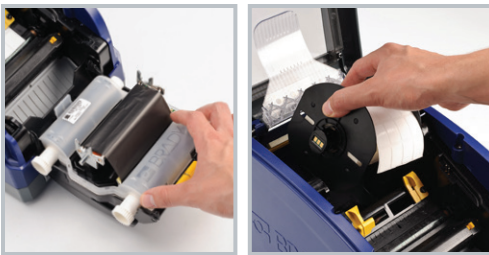
The printer "reads" your cartridges and then automatically sets up the label correctly in your Brady software.

- No wasted labels (prints on the first label!)
- No sensor adjustment
- No need to specify if gapped or notched supply
- No print speed or burn temp trials and errors
- No need to set up label dimensions in software
- No importing label file patches into software
- No scrolling through lists to select your label part

The printer does all of this for you!

20-second material changeovers

- Complete ribbon and label changeovers, in as fast as 20 seconds!
- Foolproof "drop-in" ribbon and label cartridges (anyone can do it!)
- Drop in the cartridge, lock it and start typing – that's all you need to do!
- No threading the ribbon around spools and printheads
- No need to assemble spindles or mount rolls
- Ink side of ribbon always faces the right way
- Easy-to-handle cartridges that won't roll away, unspool or get damaged



Prints on the first label!

- No more wasted labels – even on sleeves!
- No label calibration, alignment or sensor adjustments before printing
- Save labels and save money

Impressive material lineup

With over 550 parts in 44 materials, this printer meets your primary labeling needs, and so much more.

- Wire & panel labels AND safety & arc flash labels
- Rating plates & circuit board labels AND production line facility labels
- Pipe markers & 5S labels AND general purpose die cut labels
- Plus, custom label sizes are available!



See for yourself how the BBP®33 Label Printer prints faster and eliminates wasted labels!

Visit www.BradyID.com/bbp33 today!



BRADY

WHEN PERFORMANCE MATTERS MOST™

Brilliantly fast.



BBP®33
LABEL PRINTER

BRADY 360°
5 YEAR
WARRANTY

**PRINTS ON 1ST LABEL
NO WASTE!**

Table of Contents

Electrical / Automation ID

Inside-Panel Component Labels	12
Patch Panel Adhesive Strips	5
PermaSleeve FR Wire Marking Sleeves	11
PermaSleeve HT Wire Marking Sleeves	10
PermaSleeve HX Wire Marking Sleeves	10
PermaSleeve PS Wire Marking Sleeves	8
Polyimide High Temp Adhesive Labels	7
Raised Profile Push Button Labels	14
Self-Laminating Labels	5
Tedlar Adhesive Labels	7
Terminal Block Adhesive Strips	6
Vinyl Cloth Adhesive Labels	6

Facility & Safety ID

Arc Flash & Sign Header Supply	16
BradyGlo Photoluminescent Tape	13
Cold Temperature Material	21
GHS Labels	20
Indoor/Outdoor Vinyl	18
Low-Halide Polyester	19
Non-Adhesive Pre-Printed Safety Tags	16
Non-Adhesive Tag Stock	17
Printable Magnetic Supply	22
Repositionable Vinyl	22
Retro Reflective Tape	13
Right-To-Know Labels	21
ToughWash Washdown Resistant Labels	17

PC Board ID

Standard Polyimide Labels	23
Static Dissipative Polyimide Labels	23

Product & General Purpose ID

Metallized Polyester Labels	25
Paper Labels	21
Polyester Labels	24
Polypropylene Labels	22

Print Ribbons 26

Brady Materials Are Made To Impress.



Brady labels last the longest, period.

Brady labels stick and stay stuck, plain and simple. In fact, some last up to 10 years outdoors. You only need to make these labels once!

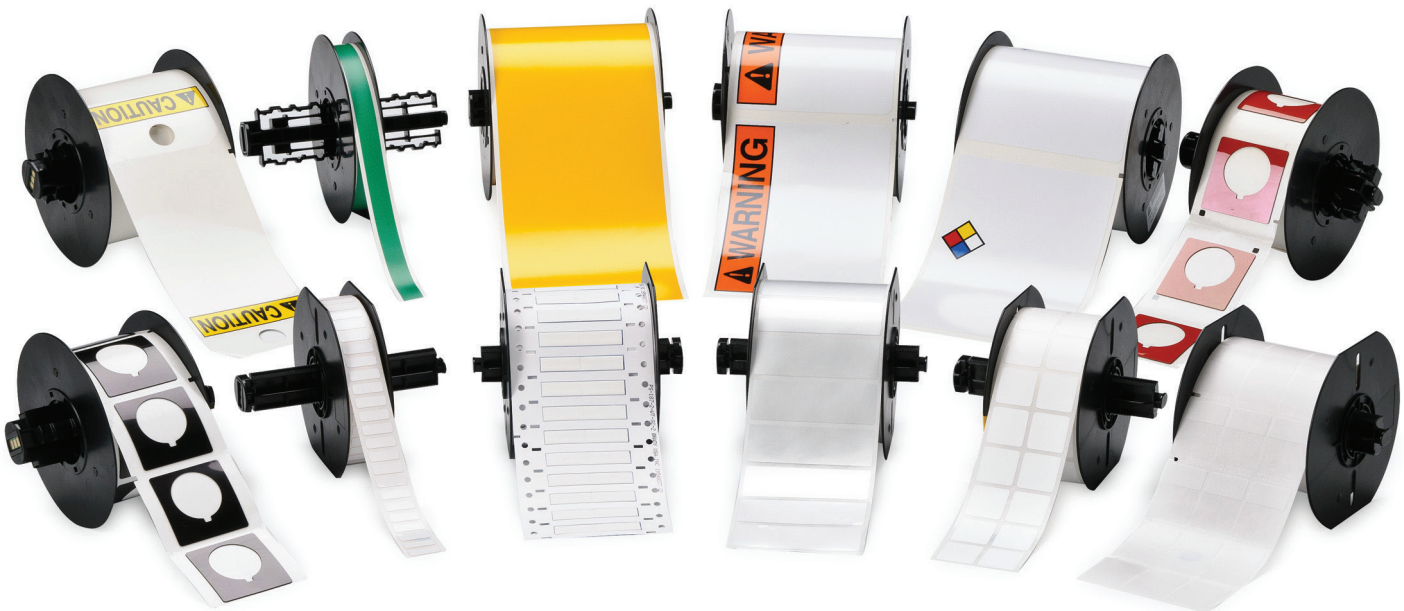
Options. Lots of options.

We make labels for specific applications. That's why we have over 550 label types and sizes to choose from. And if you don't see the label you need we'll custom-produce it to your size and shape requirements. We want you to be 100% confident that you have the right label for your exact application.

We set the bar high.

Brady materials lead the industry in durability and performance because we design and manufacture every label ourselves in our own facilities. We put our materials through rigorous, painstaking tests and trials – and nothing leaves our doors until it passes with flying colors.

With label printing like this, the possibilities are endless.



Self-Laminating Wire & Cable Labels (B-427)

- Brady's most popular wire marker!
- Features white printable area with clear "tail" that wraps around marker to protect text
- Superior resistance to abrasion, handling, solvents, water, oil and dirt
- Vinyl with permanent acrylic adhesive designed specifically for tightly curved surfaces

Service temp: -40°F to 158°F

Agency Approvals:  

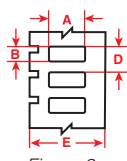


Figure 9a

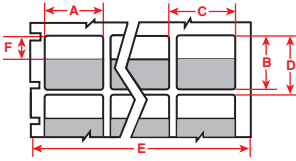


Figure 12

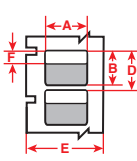


Figure 14

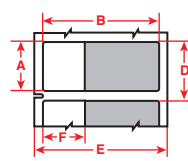


Figure 15



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)	Print Area Height F Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 12	B33-80-427	B-427	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	2500	B30-R4300
BBP33 only	Fig. 12	B33-113-427	B-427	White	0.500 (12.7)	1.000 (25.4)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	2500	B30-R4300
BBP33 only	Fig. 12	B33-8-427	B-427	White	0.500 (12.7)	1.437 (36.5)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	5	5000	B30-R4300
BBP33 only	Fig. 12	B33-56-427	B-427	White	0.750 (19.1)	0.937 (23.8)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	0.375 (9.5)	4	5000	B30-R4300
BBP33 only	Fig. 12	B33-73-427	B-427	White	0.750 (19.1)	1.750 (44.6)	0.800 (20.3)	1.875 (47.6)	3.350 (85.1)	0.500 (12.7)	4	3500	B30-R4300
BBP33 only	Fig. 12	B33-74-427	B-427	White	0.800 (20.3)	1.437 (36.5)	0.800 (20.3)	1.625 (41.3)	3.400 (86.4)	0.500 (12.7)	4	4000	B30-R4300
BBP33 only	Fig. 12	B33-115-427	B-427	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	0.375 (9.5)	2	2500	B30-R4300
BBP33 only	Fig. 12	B33-116-427	B-427	White	1.000 (25.4)	1.000 (25.4)	1.100 (27.9)	1.125 (28.6)	2.300 (58.4)	0.375 (9.5)	2	2500	B30-R4300
BBP33 only	Fig. 12	B33-9-427	B-427	White	1.000 (25.4)	1.437 (36.5)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	3	2500	B30-R4300
BBP33 only	Fig. 12	B33-75-427	B-427	White	1.000 (25.4)	2.250 (57.2)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	0.750 (19.1)	2	1400	B30-R4300
BBP33 only	Fig. 15	B33-131-427	B-427	White	1.000 (25.4)	2.625 (66.7)	-	1.125 (28.6)	2.825 (71.8)	1.000 (25.4)	1	1500	B30-R4300
BBP33 only	Fig. 12	B33-10-427	B-427	White	1.000 (25.4)	3.750 (95.3)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	1.000 (25.4)	3	1200	B30-R4300
BBP33 only	Fig. 12	B33-81-427	B-427	White	1.000 (25.4)	6.000 (152.4)	1.100 (27.9)	6.187 (157.1)	2.300 (58.4)	1.500 (38.1)	2	500	B30-R4300
BBP33 only	Fig. 9a	B33-135-427AW	B-427	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	-	1	1500	B30-R4300
BBP33 only	Fig. 14	B33-118-427	B-427	White	1.500 (38.1)	1.000 (25.4)	-	1.125 (28.6)	1.700 (43.2)	0.375 (9.5)	1	1250	B30-R4300
BBP33 only	Fig. 14	B33-119-427	B-427	White	1.500 (38.1)	1.500 (38.1)	-	1.750 (44.5)	1.700 (43.2)	0.500 (12.7)	1	1000	B30-R4300
BBP33 only	Fig. 14	B33-272-427	B-427	White	1.500 (38.1)	2.250 (57.2)	-	2.500 (63.5)	1.700 (43.2)	0.750 (19.1)	1	700	B30-R4300
BBP33 only	Fig. 14	B33-120-427	B-427	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	0.375 (9.5)	1	1250	B30-R4300
BBP33 only	Fig. 14	B33-121-427	B-427	White	1.750 (44.5)	1.500 (38.1)	-	1.750 (44.5)	1.950 (49.5)	0.500 (12.7)	1	1000	B30-R4300
BBP33 only	Fig. 14	B33-273-427	B-427	White	1.750 (44.5)	2.250 (57.2)	-	2.500 (63.5)	1.950 (49.5)	0.750 (19.1)	1	500	B30-R4300
BBP33 only	Fig. 9a	B33-137-427AW	B-427	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	-	1	1500	B30-R4300
BBP33 only	Fig. 14	B33-27-427	B-427	White	2.000 (50.8)	3.750 (95.3)	-	4.000 (101.6)	2.200 (55.9)	1.000 (25.4)	1	400	B30-R4300
BBP33 only	Fig. 14	B33-26-427	B-427	White	2.500 (63.5)	2.250 (57.2)	-	2.438 (61.9)	2.700 (68.8)	0.750 (19.1)	1	500	B30-R4300
BBP33 only	Fig. 14	B33-82-427	B-427	White	2.000 (50.8)	6.000 (152.4)	-	6.187 (157.1)	2.200 (55.9)	1.500 (38.1)	1	200	B30-R4300

Patch Panel Adhesive Strips (B-422)

- Continuous supply in 3 widths to make labeling patch panels and other datacomm components quick and easy
- Aggressive adhesive suitable for rough, highly textured and powder-coated surfaces as well as smooth surfaces

Service temp: -40°F to 212°F

Agency Approvals:   

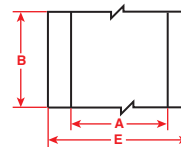


Figure 3



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Web Width E Inch (mm)	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 3	B33C-240-422	B-422	White	0.240 (6.1)	85ft (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6000
BBP33 only	Fig. 3	B33C-312-422	B-422	White	0.312 (7.9)	85ft (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6000
BBP33 only	Fig. 3	B33C-375-422	B-422	White	0.375 (9.5)	85ft (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6000

Vinyl Cloth Adhesive Wire & Cable Labels (B-498)

- A vinyl cloth label for marking wires, cables and inside-panel components
- Repositionable! A highly unique adhesive and cloth construction gives excellent holding power and still allows for clean removal and reapplication
- Ideal choice for marking both ends of a wire that you may need to cut shorter before final termination

Service temp: -40°F to 175°F
Agency Approvals:   

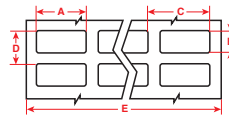
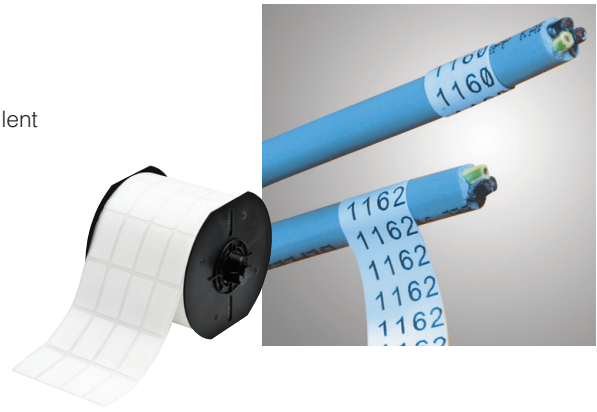


Figure 1



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. 1	B33-90-498	B-498	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2500	B30-R6200
BBP33 only	Fig. 1	B33-68-498	B-498	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	5000	B30-R6200
BBP33 only	Fig. 1	B33-87-498	B-498	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94)	6	2500	B30-R6200
BBP33 only	Fig. 1	B33-1-498	B-498	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R6200
BBP33 only	Fig. 1	B33-91-498	B-498	White	0.750 (19.1)	0.937 (23.8)	0.850 (21.6)	1.062 (27.0)	3.500 (88.9)	4	2500	B30-R6200
BBP33 only	Fig. 1	B33-165-498	B-498	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2500	B30-R6200
BBP33 only	Fig. 1	B33-95-498	B-498	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2300	B30-R6200
BBP33 only	Fig. 1	B33-5-498	B-498	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6200
BBP33 only	Fig. 1	B33-88-498	B-498	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2500	B30-R6200
BBP33 only	Fig. 1	B33-89-498	B-498	White	1.000 (25.4)	1.437 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2300	B30-R6200

Terminal Block Adhesive Strips (B-498)

- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- Highly unique adhesive and vinyl cloth construction gives excellent holding power and still allows for clean removal and reapplication

Service temp: -40°F to 175°F
Agency Approvals:   

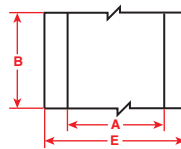


Figure 3



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Web Width E Inch (mm)	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 3	B33C-240-498	B-498	White	0.240 (6.1)	85 ft. (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6200
BBP33 only	Fig. 3	B33C-312-498	B-498	White	0.312 (7.9)	85 ft. (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6200
BBP33 only	Fig. 3	B33C-375-498	B-498	White	0.375 (9.5)	85 ft. (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6200

Tedlar® Adhesive Wire & Cable Labels (B-437)

- Topcoated Polyvinylfluoride label for wire & cable marking where high temperature and self-extinguishing features are required
- Heavy duty performance with excellent resistance to water, oil and other fluids
- Meets MIL-M-87958 Standard

Service temp: -94°F to 275°F
Agency Approvals: **RoHS**

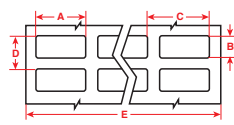


Figure 1

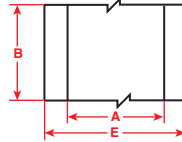


Figure 3

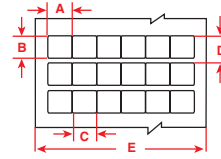


Figure 4



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. 4	B33-11-437	B-437	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15000	B30-R4300
BBP33 only	Fig. 1	B33-1-437	B-437	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R4300
BBP33 only	Fig. 1	B33-2-437	B-437	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-5-437	B-437	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-29-437	B-437	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5000	B30-R4300
BBP33 only	Fig. 1	B33-5-437YL	B-437	Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-29-437YL	B-437	Yellow	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5000	B30-R4300
Continuous Rolls												
BBP33 only	Fig. 3	B33C-1000-437	B-437	White	1.000 (25.4)	85ft. (25.9m)	-	-	1.200 (30.5)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1500-437	B-437	White	1.500 (38.1)	85ft. (25.9m)	-	-	1.900 (48.3)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-2000-437	B-437	White	2.000 (50.8)	85ft. (25.9m)	-	-	2.200 (55.9)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-3000-437	B-437	White	3.000 (76.2)	85ft. (25.9m)	-	-	3.400 (86.4)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1000-437YL	B-437	Yellow	1.000 (25.4)	85ft. (25.9m)	-	-	1.200 (30.5)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1500-437YL	B-437	Yellow	1.500 (38.1)	85ft. (25.9m)	-	-	1.900 (48.3)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-2000-437YL	B-437	Yellow	2.000 (50.8)	85ft. (25.9m)	-	-	2.200 (55.9)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-3000-437YL	B-437	Yellow	3.000 (76.2)	85ft. (25.9m)	-	-	3.400 (86.4)	1 roll (cont.)		B30-R4300

Polyimide High Temp Adhesive Wire & Cable Labels (B-472)

- Topcoated Polyimide label for wire & cable marking where high temperature and self-extinguishing features are required
- Heavy duty performance with excellent resistance to water, oil and other fluids

Service temp: -94°F to 320°F
Agency Approvals: **RoHS**

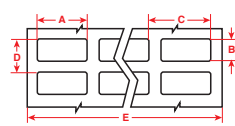


Figure 1

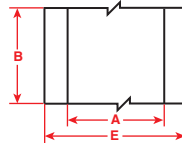


Figure 3

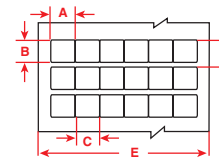


Figure 4



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. 4	B33-11-472	B-472	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15000	B30-R4300
BBP33 only	Fig. 1	B33-1-472	B-472	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R4300
BBP33 only	Fig. 1	B33-2-472	B-472	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-5-472	B-472	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-29-472	B-472	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5000	B30-R4300
BBP33 only	Fig. 1	B33-5-472YL	B-472	Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 1	B33-29-472YL	B-472	Yellow	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5000	B30-R4300
Continuous Rolls												
BBP33 only	Fig. 3	B33C-1000-472	B-472	White	1.000 (25.4)	85ft. (25.9m)	-	-	1.200 (30.5)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1500-472	B-472	White	1.500 (38.1)	85ft. (25.9m)	-	-	1.900 (48.3)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-2000-472	B-472	White	2.000 (50.8)	85ft. (25.9m)	-	-	2.200 (55.9)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-3000-472	B-472	White	3.000 (76.2)	85ft. (25.9m)	-	-	3.400 (86.4)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1000-472YL	B-472	Yellow	1.000 (25.4)	85ft. (25.9m)	-	-	1.200 (30.5)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-1500-472YL	B-472	Yellow	1.500 (38.1)	85ft. (25.9m)	-	-	1.900 (48.3)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-2000-472YL	B-472	Yellow	2.000 (50.8)	85ft. (25.9m)	-	-	2.200 (55.9)	1 roll (cont.)		B30-R4300
BBP33 only	Fig. 3	B33C-3000-472YL	B-472	Yellow	3.000 (76.2)	85ft. (25.9m)	-	-	3.400 (86.4)	1 roll (cont.)		B30-R4300

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-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:  

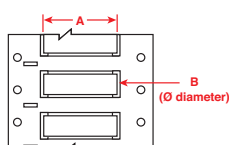


Figure 20

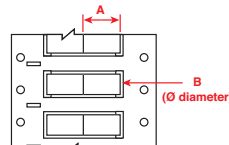


Figure 20-2



Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	For Wire Diameter Min. Inch (mm)	For Wire Diameter Max. Inch (mm)	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):													
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)	.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) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	.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)	.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)	.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)	.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)	.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)	.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)	.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)	.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)	.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) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	.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)	.020 (0.5) +/- .003 (0.07)	1	1000	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)	.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)	.025 (0.6) +/- .003 (0.07)	1	250	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)	.025 (0.6) +/- .003 (0.07)	1	500	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)	.025 (0.6) +/- .003 (0.07)	1	350	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)	.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)	.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)	.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):													
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)	.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)	.020 (0.5) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20	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)	.020 (0.5) +/- .003 (0.07)	2	1500	B30-R4300
BBP33	Fig. 20	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)	.025 (0.6) +/- .003 (0.07)	2	1000	B30-R4300
BBP33	Fig. 20	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)	.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)	.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)	.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)	.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)	.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)	.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)	.020 (0.5) +/- .003 (0.07)	2	2000	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)	.025 (0.6) +/- .003 (0.07)	2	700	B30-R4300
BBP33	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)	.025 (0.6) +/- .003 (0.07)	2	500	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)	.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)	.035 (0.9) +/- .003 (0.07)	2	300	B30-R4300

PermaSleeve® PS Polyolefin Wire Marking Sleeves (Continued)

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	Sleeves Per Roll	Rec. Ribbon
3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):												
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	Fig. 20	B33D-500-2-342	B-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	1.187 (4.7)	.025 (0.6) +/- .003 (0.07)	1	350	B30-R4300
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	Fig. 20	B33D-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	B33D-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	B33D-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	B33D-500-2-342YL	B-342	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	1.187 (4.7)	.025 (0.6) +/- .003 (0.07)	1	350	B30-R4300
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	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
BBP33	Fig. 20	B33D-500-2-342BK	B-342	Black	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	1.187 (4.7)	.025 (0.6) +/- .003 (0.07)	1	350	B30-R4500-SV
BBP33	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
BBP33	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
BBP33	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

**BBP®33 Prints Double-Sided Wire Sleeves!****Print double sided sleeves with no wasted labels!**

Double sided sleeves are fast and easy with the BBP®33 printer. Use the appropriate double sided sleeve part and create your print job using LabelMark® software's "two-sided print" feature. After the first side of your print job is complete, the software prompts you to cut the media and re-insert it for a second print pass.



PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves (B-345)

High temperature, low outgassing. 2:1 Shrink ratio.

- A 2:1 shrink ratio wire marker sleeve specifically designed for high temperature and low vacuum outgassing applications
- Made from irradiated high-temp Polyvinylidene Fluoride (PVDF) heat shrink tubing
- Fade-resistant and flame-retardant
- Meets the following industry specifications:
 - NASA SP-R-0022A Outgassing Performance
 - Tested per ASTM E162, ASTM E662, SAE-AMS-DTL-23053/18 (class 2)
 - MIL-STD-202
 - SAE-AS-81531

Service temp: -67°F to 437°F Agency Approvals for HT and HX Sleeves: RoHS

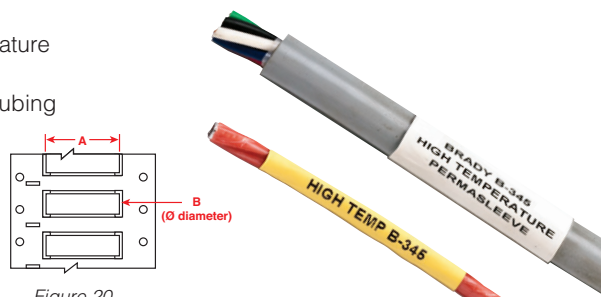


Figure 20

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
3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):												
BBP33	Fig. 20	B33D-94-2-345	B-345	White	26 to 20	0.031 (0.8) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	.015 (0.4) +/- .003 (0.07)	1	1000	B30-R6000
BBP33	Fig. 20	B33D-94-2-345BK	B-345	Black	26 to 20	0.031 (0.8) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	.015 (0.4) +/- .003 (0.07)	1	1000	B30-R4400-WT
2:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):												
BBP33	Fig. 20	B33D-125-2-345	B-345	White	20 to 16	0.063 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	.015 (0.4) +/- .003 (0.07)	1	1000	B30-R6000
BBP33	Fig. 20	B33D-187-2-345	B-345	White	16 to 10	0.094 (2.4) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	.015 (0.4) +/- .003 (0.07)	1	750	B30-R6000
BBP33	Fig. 20	B33D-250-2-345	B-345	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	.015 (0.4) +/- .003 (0.07)	1	500	B30-R6000
BBP33	Fig. 20	B33D-375-2-345	B-345	White	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	.015 (0.4) +/- .003 (0.07)	1	500	B30-R6000
BBP33	Fig. 20	B33D-500-2-345	B-345	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	.015 (0.4) +/- .003 (0.07)	1	350	B30-R6000
BBP33	Fig. 20	B33D-750-2-345	B-345	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.015 (0.4) +/- .003 (0.07)	1	250	B30-R6000
BBP33	Fig. 20	B33D-1000-2-345	B-345	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.017 (0.4) +/- .004 (0.1)	1	250	B30-R6000
BBP33	Fig. 20	B33D-1500-2-345	B-345	White	N/A	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	.024 (0.6) +/- .004 (0.1)	1	150	B30-R6000
BBP33	Fig. 20	B33D-125-2-345BK	B-345	Black	20 to 16	0.063 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	.015 (0.4) +/- .003 (0.07)	1	1000	B30-R4400-WT
BBP33	Fig. 20	B33D-187-2-345BK	B-345	Black	16 to 10	0.094 (2.4) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	.015 (0.4) +/- .003 (0.07)	1	750	B30-R4400-WT
BBP33	Fig. 20	B33D-250-2-345BK	B-345	Black	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	.015 (0.4) +/- .003 (0.07)	1	500	B30-R4400-WT
BBP33	Fig. 20	B33D-375-2-345BK	B-345	Black	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	.015 (0.4) +/- .003 (0.07)	1	500	B30-R4400-WT
BBP33	Fig. 20	B33D-500-2-345BK	B-345	Black	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	.015 (0.4) +/- .003 (0.07)	1	350	B30-R4400-WT
BBP33	Fig. 20	B33D-750-2-345BK	B-345	Black	3 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.015 (0.4) +/- .003 (0.07)	1	250	B30-R4400-WT
BBP33	Fig. 20	B33D-1000-2-345BK	B-345	Black	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.017 (0.4) +/- .004 (0.1)	1	250	B30-R4400-WT
BBP33	Fig. 20	B33D-1500-2-345BK	B-345	Black	N/A	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	.024 (0.6) +/- .004 (0.1)	1	150	B30-R4400-WT

PermaSleeve® HX Polyolefin Wire Marking Sleeves (B-7642)

Military/Industrial Grade. 2:1 Shrink ratio.

- Flame retardant and high-temp rated but not as high temp as B-345 "HT" sleeves
- Meets the following industry specifications:
 - SAE-AMS-DTL-23053/5 (class 1 and 3)
 - SAE-AS-81531
 - MIL-STD-202
 - Tested per ASTM E162, ASTM E662

Service temp: -40°F to 248°F (short burst max temp: 5 min at 464°F, 24 hrs at 320°F)

Agency Approvals: RoHS

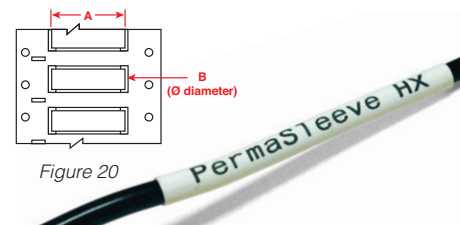


Figure 20

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
3:1 Shrink ratio single-side printable, 2" sleeve width (dimension A):												
BBP33	Fig. 20	B33-94-2-7642	B-7642	White	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33-125-2-7642	B-7642	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.020 (0.5) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33-187-2-7642	B-7642	White	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.020 (0.5) +/- .003 (0.07)	1	450	B30-R4300
BBP33	Fig. 20	B33-250-2-7642	B-7642	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.025 (0.6) +/- .003 (0.07)	1	400	B30-R4300
BBP33	Fig. 20	B33-375-2-7642	B-7642	White	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.025 (0.6) +/- .003 (0.07)	1	250	B30-R4300
BBP33	Fig. 20	B33-500-2-7642	B-7642	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.025 (0.6) +/- .003 (0.07)	1	225	B30-R4300
BBP33	Fig. 20	B33-750-2-7642	B-7642	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	.030 (0.8) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	B33-1000-2-7642	B-7642	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.035 (0.9) +/- .005 (0.1)	1	150	B30-R4300
BBP33	Fig. 20	B33-1500-2-7642	B-7642	White	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.040 (1.0) +/- .006 (0.2)	1	50	B30-R4300
BBP33	Fig. 20	B33-2000-2-7642	B-7642	White	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.045 (1.1) +/- .007 (0.2)	1	50	B30-R4300
3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):												
BBP33	Fig. 20	B33D-94-2-7642	B-7642	White	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33D-125-2-7642	B-7642	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.020 (0.5) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33D-187-2-7642	B-7642	White	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.020 (0.5) +/- .003 (0.07)	1	450	B30-R4300
BBP33	Fig. 20	B33D-250-2-7642	B-7642	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.025 (0.6) +/- .003 (0.07)	1	400	B30-R4300
BBP33	Fig. 20	B33D-375-2-7642	B-7642	White	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.025 (0.6) +/- .003 (0.07)	1	250	B30-R4300
BBP33	Fig. 20	B33D-500-2-7642	B-7642	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.025 (0.6) +/- .003 (0.07)	1	225	B30-R4300
BBP33	Fig. 20	B33D-750-2-7642	B-7642	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	.030 (0.8) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	B33D-1000-2-7642	B-7642	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.035 (0.9) +/- .005 (0.1)	1	150	B30-R4300
BBP33	Fig. 20	B33D-1500-2-7642	B-7642	White	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.040 (1.0) +/- .006 (0.2)	1	50	B30-R4300
BBP33	Fig. 20	B33D-2000-2-7642	B-7642	White	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.045 (1.1) +/- .007 (0.2)	1	50	B30-R4300

PermaSleeve® FR Fluid Resistant Wire Marking Sleeves (B-344)

Military/Industrial Grade. 3:1 Shrink ratio.

- Designed for labeling wires in applications where they will be exposed to fuels, lubricants and harsh chemicals such as in the installation of hydrogen fuel cells in aerospace
- Resistant to harsh chemicals including JP8 Jet Fuel, Skydrol® and DOT 3 brake fluid
- Meets the following industry specifications:
 - SAE-AMS-DTL-23053/6 (class 1)
 - MIL-STD-202G method 215K

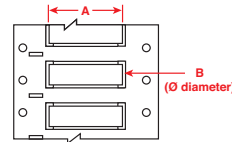


Figure 20



Service temp: -94°F to 267°F
Agency Approvals for: **RoHS**

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
3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):												
BBP33	Fig. 20	B33D-94-2-344	B-344	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) +/- 0.003 (0.1)	1	1000	B30-R6600
BBP33	Fig. 20	B33D-125-2-344	B-344	White	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.1)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.1)	1	1000	B30-R6600
BBP33	Fig. 20	B33D-187-2-344	B-344	White	20 to 10	0.062 (1.6) - 0.15 (3.81)	0.187 (4.8)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.1)	1	750	B30-R6600
BBP33	Fig. 20	B33D-250-2-344	B-344	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.35)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6600
BBP33	Fig. 20	B33D-375-2-344	B-344	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6600
BBP33	Fig. 20	B33D-500-2-344	B-344	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	0.025 (0.6) +/- 0.003 (0.1)	1	350	B30-R6600
BBP33	Fig. 20	B33D-750-2-344	B-344	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.05)	0.250 (6.35)	0.025 (0.6) +/- 0.003 (0.1)	1	250	B30-R6600
BBP33	Fig. 20	B33D-1000-2-344	B-344	White	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) +/- 0.003 (0.1)	1	250	B30-R6600
BBP33	Fig. 20	B33D-1500-2-344	B-344	White	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.035 (0.9) +/- 0.003 (0.1)	1	150	B30-R6600
BBP33	Fig. 20	B33D-94-2-344YL	B-344	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) +/- 0.003 (0.1)	1	1000	B30-R6600
BBP33	Fig. 20	B33D-125-2-344YL	B-344	Yellow	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.1)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.1)	1	1000	B30-R6600
BBP33	Fig. 20	B33D-187-2-344YL	B-344	Yellow	20 to 10	0.062 (1.6) - 0.15 (3.81)	0.187 (4.8)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.1)	1	750	B30-R6600
BBP33	Fig. 20	B33D-250-2-344YL	B-344	Yellow	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.35)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6600
BBP33	Fig. 20	B33D-375-2-344YL	B-344	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6600
BBP33	Fig. 20	B33D-500-2-344YL	B-344	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	0.025 (0.6) +/- 0.003 (0.1)	1	350	B30-R6600
BBP33	Fig. 20	B33D-750-2-344YL	B-344	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.05)	0.250 (6.35)	0.025 (0.6) +/- 0.003 (0.1)	1	250	B30-R6600
BBP33	Fig. 20	B33D-1000-2-344YL	B-344	Yellow	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) +/- 0.003 (0.1)	1	250	B30-R6600
BBP33	Fig. 20	B33D-1500-2-344YL	B-344	Yellow	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.035 (0.9) +/- 0.003 (0.1)	1	150	B30-R6600
BBP33	Fig. 20	B33D-94-2-344BK	B-344	Black	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) +/- 0.003 (0.1)	1	1000	B30-R6700-WT
BBP33	Fig. 20	B33D-125-2-344BK	B-344	Black	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.1)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.1)	1	1000	B30-R6700-WT
BBP33	Fig. 20	B33D-187-2-344BK	B-344	Black	20 to 10	0.062 (1.6) - 0.15 (3.81)	0.187 (4.8)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.1)	1	750	B30-R6700-WT
BBP33	Fig. 20	B33D-250-2-344BK	B-344	Black	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.35)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6700-WT
BBP33	Fig. 20	B33D-375-2-344BK	B-344	Black	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	0.025 (0.6) +/- 0.003 (0.1)	1	500	B30-R6700-WT
BBP33	Fig. 20	B33D-500-2-344BK	B-344	Black	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	0.025 (0.6) +/- 0.003 (0.1)	1	350	B30-R6700-WT
BBP33	Fig. 20	B33D-750-2-344BK	B-344	Black	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.05)	0.250 (6.35)	0.025 (0.6) +/- 0.003 (0.1)	1	250	B30-R6700-WT
BBP33	Fig. 20	B33D-1000-2-344BK	B-344	Black	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) +/- 0.003 (0.1)	1	250	B30-R6700-WT
BBP33	Fig. 20	B33D-1500-2-344BK	B-344	Black	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.035 (0.9) +/- 0.003 (0.1)	1	150	B30-R6700-WT

Inside-Panel Component & General ID Labels (B-483, B-484, B-498, B-499, B-593, B-595)

- Various sizes in several durable material types
- Ideal for marking backer board, DIN rail, relays, PLCs, switches, solenoids, drive motors and other components
- All recommended materials are flexible and have high-tack adhesives for adhesion to wide variety of surfaces and components

B-483: Service temp: -40°F to 248°F Agency approvals:
B-484: Service temp: -40°F to 240°F Agency approvals:
B-498: Service temp: -40°F to 175°F Agency approvals:
B-499: Service temp: -40°F to 193°F Agency approvals:
B-593: Service temp: -4°F to 212°F Agency approvals:
B-595: Service temp: -40°F to 180°F Agency Approvals for:
 8-10 years average outdoor durability

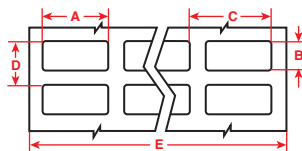
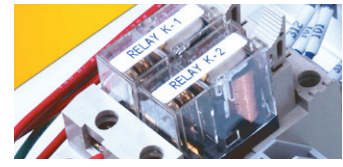


Figure 1

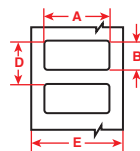


Figure 2

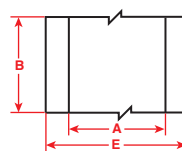


Figure 3

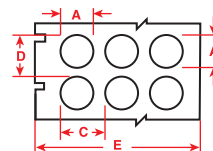


Figure 5

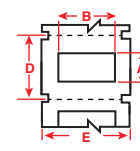


Figure 18c

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
Vinyl Cloth - Aggressive but repositionable adhesive (B-498):												
BBP33 only	Fig. 1	B33-90-498	B-498	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2500	B30-R6200
BBP33 only	Fig. 1	B33-68-498	B-498	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	5000	B30-R6200
BBP33 only	Fig. 1	B33-87-498	B-498	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	2500	B30-R6200
BBP33 only	Fig. 1	B33-1-498	B-498	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R6200
BBP33 only	Fig. 1	B33-95-498	B-498	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2300	B30-R6200
BBP33 only	Fig. 1	B33-5-498	B-498	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6200
BBP33 only	Fig. 1	B33-88-498	B-498	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2500	B30-R6200
BBP33 only	Fig. 1	B33-89-498	B-498	White	1.000 (25.4)	1.437 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2300	B30-R6200
Nylon Cloth - Permanent adhesive (B-499):												
BBP33 only	Fig. 5	B33-143-499	B-499	White	0.375 (9.5 dia)	-	0.475 (12.1)	0.500 (12.7)	2.000 (50.8)	4	1500	B30-R6000
BBP33 only	Fig. 1	B33-144-499	B-499	White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	1.900 (48.3)	3	1500	B30-R6000
BBP33 only	Fig. 1	B33-68-499	B-499	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	1500	B30-R6000
BBP33 only	Fig. 1	B33-165-499	B-499	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2500	B30-R6000
BBP33 only	Fig. 2	B33-136-499	B-499	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.770 (45.0)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-137-499	B-499	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1100	B30-R6000
Polyester - Ultra aggressive adhesive for highly textured and low surface energy surfaces (B-483):												
BBP33 only	Fig. 1	B33-149-483	B-483	White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-5-483	B-483	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-17-483	B-483	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-7-483	B-483	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1000	B30-R6000
BBP33 only	Fig. 2	B33-18-483	B-483	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-483	B-483	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-55-483	B-483	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Polyester - Ultra-aggressive adhesive and pliable for conforming to angular surfaces (B-484):												
BBP33 only	Fig. 2	B33-125-484	B-484	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1500	B30-R6000
BBP33 only	Fig. 1	B33-5-484	B-484	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-136-484	B-484	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-17-484	B-484	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-484	B-484	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-484	B-484	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Raised Profile Labels - Engraved plate substitute labels (B-593*):												
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-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-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
Continuous cut-to-length vinyl - Permanent adhesive, conformable; indoor/outdoor grade (B-595*):												
BBP31, BBP33	Fig. 3	B30C-500-595-WT	B-595	White	0.500 (12.7)	100 ft. (30.5m)	-	-	0.700 (17.8)	1 roll (cont.)		B30-R10000
BBP31, BBP33	Fig. 3	B30C-1125-595-WT	B-595	White	1.125 (28.6)	100 ft. (30.5m)	-	-	1.375 (34.9)	1 roll (cont.)		B30-R10000
BBP31, BBP33	Fig. 3	B30C-500-595-YL	B-595	Yellow	0.500 (12.7)	100 ft. (30.5m)	-	-	0.700 (17.8)	1 roll (cont.)		B30-R10000
BBP31, BBP33	Fig. 3	B30C-1125-595-YL	B-595	Yellow	1.125 (28.6)	100 ft. (30.5m)	-	-	1.375 (34.9)	1 roll (cont.)		B30-R10000

* 58 additional sizes and colors available for B-593 (page 14).
46 additional sizes and colors available for B-595 (page 18).

Retro Reflective Tape (B-584)

- Highly reflective material shines back brightly when struck by light
- Ideal for labeling outdoor utility poles and pedestals, hard hats, jobsite equipment and roof-top equipment
- Recommended for low light or inclement weather conditions

Service temp: -40°F to 158°F

Application temp: 0°F to 158°F (yellow & orange), 50°F to 158°F (silver)

Average Outdoor Durability: 4 to 6 years

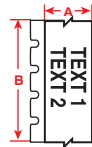
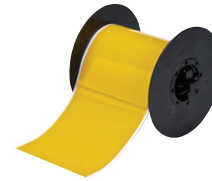


Figure 33



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-1125-584-SL	B-584	Silver	1.125 (28.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-584-SL	B-584	Silver	2.250 (57.5)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-584-SL	B-584	Silver	4.000 (101.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-584-YL	B-584	Yellow	1.125 (28.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-584-YL	B-584	Yellow	2.250 (57.5)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-584-YL	B-584	Yellow	4.000 (101.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-584-OR	B-584	Orange	1.125 (28.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-584-OR	B-584	Orange	2.250 (57.5)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-584-OR	B-584	Orange	4.000 (101.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000

BradyGlo™ High-Intensity Photoluminescent Tape (B-526)

- For glow-in-the-dark identification up to 10 hours
- Designed for directional and evacuation marking and equipment marking
- Ideal for marking emergency utility shut-offs, fire extinguishers, alarm pulls, and vital equipment controls
- Complies with indoor use requirements specified in RS 6-1 and 6-1A of New York Local Law 26

Service temp: -40°F to 140°F Application temp: 40°F to 140°F

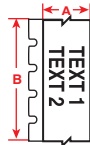


Figure 33



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-1125-526	B-526	Luminous Green	1.125 (28.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-526	B-526	Luminous Green	2.250 (57.5)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-526	B-526	Luminous Green	4.000 (101.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000

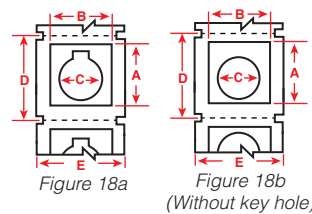
BBP®33 and BBP®31 Materials

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:   



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

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.

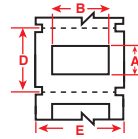
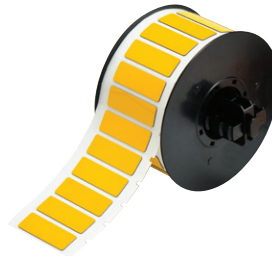


Figure 18c



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

Pre-Printed Pre-Cut Blank Sign Headers (B-595)

- Allows printer to create multicolor signs fast - in a single print pass
- Headers meet NFPA 70E, OSHA 1910.145 and ASME/ANSI Z535 standards
- Indoor/outdoor grade material conforms to rough, highly textured, and “difficult to adhere to” surfaces

Service temp: -40°F to 180°F Application temp: 0°F to 180°F

Average Outdoor Durability: 8-10 years

Agency Approvals for: **RoHS**

Use these supplies with templates in the BBP®33 printer & MarkWare™ Software for arc flash labels and safety warning labels

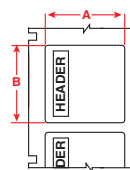


Figure 70



Fits Printer Model(s)	Diagram	Catalog #	B#	Material	Header	Label Height A Inch (mm)	Label Width B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 70	B30-241-595-OSHADA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-OSHADA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-OSHACA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-OSHACA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-ANSICA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-ANSICA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-ANSIDA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-ANSIDA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-ANSIWA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-ANSIWA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-ANSINO	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-ANSINO	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-242-595-BLNKWT	B-595	Vinyl		1.125 (28.6) *	2.850 (72.4)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-BLNKWT	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-219-595-BLNKWT	B-595	Vinyl		2.250 (57.5) *	3.850 (97.8)	1	250	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-BLNKWT	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
BBP31, BBP33	Fig. 70	B30-241-595-BLNKYL	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	Fig. 70	B30-25-595-BLNKYL	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000

*Label pre-sized to fit blank rigid valve tags, but can also be used on its own as general purpose label.

Visit www.BradyID.com for information on Valve Tags.

Non-Adhesive Pre-Printed & Pre-Cut Safety Tags (B-551)

- Non-adhesive semi rigid card stock
- Tags are pre-cut with hole and chamfered corners
- Micro-perforated between tags to separate cleanly
- Snap-in plastic grommets available for extra strength around mounting hole

Service temp: -40°F to 180°F Application temp: 0°F to 180°F

Average Outdoor Durability: 8-10 years

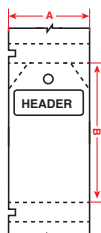


Figure 69



Fits Printer Model(s)	Diagram	Catalog #	B#	Header	Tag Width A Inch (mm)	Tag Height B Inch (mm)	Tags Per Row	Tags Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 69	B30-255-551-ANSIDA	B-551		3.250 (82.6)	5.750 (146.1)	1	100	B30-R10000
BBP31, BBP33	Fig. 69	B30-255-551-OSHADA	B-551		3.250 (82.6)	5.750 (146.1)	1	100	B30-R10000
BBP31, BBP33	Fig. 69	B30-255-551-ANSICA	B-551		3.250 (82.6)	5.750 (146.1)	1	100	B30-R10000
BBP31, BBP33	Fig. 69	B30-255-551-WHT	B-551		3.250 (82.6)	5.750 (146.1)	1	100	B30-R10000

ToughWash™ Washdown Resistant Labels (B-854, B-855)

- Withstands pressures of high heat, harsh chemicals and numerous washdown cycles
- B-854 offers metal detectable layer to detect foreign debris in food stream
- Legible and long-lasting for even the toughest washdown cycles
- Ideal for use in the Food & Beverage industry

Service temp: -40°F to 230°F
Agency Approvals for: **RoHS**

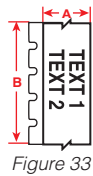


Figure 33

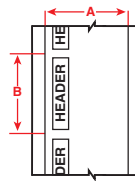


Figure 73



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Length B Inch (mm)	Labels Per Roll	Rec. Ribbon
B-854 ToughWash™ Metal Detectable Material								
BBP31, BBP33	Fig. 33	B30C-4000-854-WT	B-854		4.000 (101.06)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-4000-854-YL	B-854		4.000 (101.06)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-854-WARN	B-854	WARNING	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-854-DANG	B-854	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-854-CAUT	B-854	CAUTION	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
B-855 ToughWash™ Material								
BBP31, BBP33	Fig. 33	B30C-1125-855-WT	B-855		1.125 (28.6)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-2250-855-WT	B-855		2.250 (57.5)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-4000-855-WT	B-855		4.000 (101.06)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-1125-855-YL	B-855		1.125 (28.6)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-2250-855-YL	B-855		2.250 (57.5)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 33	B30C-4000-855-YL	B-855		4.000 (101.06)	50ft. (15.2 m)	1 roll (cont.)	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-855-WARN	B-855	WARNING	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-855-DANG	B-855	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-855-CAUT	B-855	CAUTION	4.000 (101.06)	6.250 (158.8)	100	B30-R6000

Non-Adhesive Continuous Tag Stock (B-551)

- For safety, lockout and general purpose hang-tagging
- Non-adhesive, semi-rigid tag stock
- Easy to hole-punch; optional snap-in grommets available
- Meets OSHA 50 lb. pullout spec for lockout tags

Service temp: -40°F to 193°F Average Outdoor Durability: up to 2 years
Thickness: 0.35mm

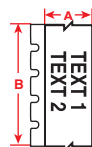


Figure 33



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Tag Width A Inch (mm)	Roll Length B Feet (m)	Tags Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-2500-551-WT	B-551	White	2.500 (63.5)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3250-551-WT	B-551	White	3.250 (82.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4250-551-WT	B-551	White	4.250 (107.9)	50ft. (15.2m)	1 roll (cont.)	B30-R10000

Indoor/Outdoor Vinyl (B-595)

- For general facility and safety identification: Our best industrial vinyl yet
- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to “difficult” low-surface energy items (PVC piping, blow-molded equipment cases, ABS plastics, recycled plastics)

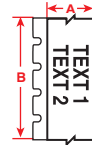


Figure 33



Service temp: -40°F to 180°F Application temp: 0°F to 180°F
Average Outdoor Durability: 8-10 year outdoor vinyl label durability.
Agency Approvals for: **RHHS**

Facility and Safety Applications:

- SS Labels
- Pipe Markers
- Safety & Warning Labels
- Equipment & Panel Labels
- Arc Flash & Chemical Labels
- And More!

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-500-595-WT	B-595	White	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-WT	B-595	White	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-WT	B-595	White	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-WT	B-595	White	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-WT	B-595	White	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-595-YL	B-595	Yellow	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-YL	B-595	Yellow	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-YL	B-595	Yellow	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-YL	B-595	Yellow	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-YL	B-595	Yellow	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-595-RD	B-595	Red	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-RD	B-595	Red	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-RD	B-595	Red	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-RD	B-595	Red	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-RD	B-595	Red	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-BL	B-595	Blue	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-BL	B-595	Blue	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-BL	B-595	Blue	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-BL	B-595	Blue	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-BL	B-595	Blue	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-GN	B-595	Green	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-GN	B-595	Green	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-GN	B-595	Green	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-GN	B-595	Green	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-GN	B-595	Green	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-OR	B-595	Orange	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-OR	B-595	Orange	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-OR	B-595	Orange	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-OR	B-595	Orange	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-OR	B-595	Orange	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-595-BK	B-595	Black	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-BK	B-595	Black	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-BK	B-595	Black	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-BK	B-595	Black	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-BK	B-595	Black	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-BR	B-595	Brown	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-BR	B-595	Brown	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-BR	B-595	Brown	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-BR	B-595	Brown	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-BR	B-595	Brown	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-GD	B-595	Gold	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-GD	B-595	Gold	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-GD	B-595	Gold	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-GD	B-595	Gold	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-GD	B-595	Gold	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-595-GY	B-595	Gray	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-GY	B-595	Gray	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-GY	B-595	Gray	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-GY	B-595	Gray	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-GY	B-595	Gray	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-595-PL	B-595	Purple	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-595-PL	B-595	Purple	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-595-PL	B-595	Purple	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-3000-595-PL	B-595	Purple	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-595-PL	B-595	Purple	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-595-CL	B-595	Clear	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-595-CL	B-595	Clear	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-595-CL	B-595	Clear	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-595-CL	B-595	Clear	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-595-CL	B-595	Clear	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000

U.S. Patent Nos. 5,823,689; 6,570,602. Additional Patents Pending.

Low-Halide Polyester (B-569)

- Low-halide content for labeling stainless steel pipes and surfaces
- Applies best to very smooth surfaces and ideal for mounting to rigid panels

Service temp: -40°F to 212°F Application temp: 0°F to 212°F
Average Outdoor Durability: 3-5 years

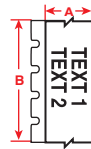
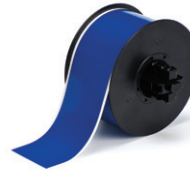


Figure 33



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-500-569-WT	B-569	White	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-WT	B-569	White	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-WT	B-569	White	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-3000-569-WT	B-569	White	3.000 (76.2)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-WT	B-569	White	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-YL	B-569	Yellow	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-YL	B-569	Yellow	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-YL	B-569	Yellow	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-YL	B-569	Yellow	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-RD	B-569	Red	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-RD	B-569	Red	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-RD	B-569	Red	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-RD	B-569	Red	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-BL	B-569	Blue	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-BL	B-569	Blue	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-BL	B-569	Blue	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-BL	B-569	Blue	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-LB	B-569	Light Blue	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-LB	B-569	Light Blue	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-LB	B-569	Light Blue	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-LB	B-569	Light Blue	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-SB	B-569	Sky Blue	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-SB	B-569	Sky Blue	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-SB	B-569	Sky Blue	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-SB	B-569	Sky Blue	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-GN	B-569	Green	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-GN	B-569	Green	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-GN	B-569	Green	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-GN	B-569	Green	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-OR	B-569	Orange	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-OR	B-569	Orange	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-OR	B-569	Orange	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-OR	B-569	Orange	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-BK	B-569	Black	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-BK	B-569	Black	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-BK	B-569	Black	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-BK	B-569	Black	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-BR	B-569	Brown	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-BR	B-569	Brown	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-BR	B-569	Brown	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-BR	B-569	Brown	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-OC	B-569	Ochre	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-OC	B-569	Ochre	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-OC	B-569	Ochre	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-OC	B-569	Ochre	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-TN	B-569	Tan	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-TN	B-569	Tan	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-TN	B-569	Tan	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-TN	B-569	Tan	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-GY	B-569	Gray	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-GY	B-569	Gray	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-GY	B-569	Gray	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-GY	B-569	Gray	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-PL	B-569	Purple	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-1125-569-PL	B-569	Purple	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-2250-569-PL	B-569	Purple	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-4000-569-PL	B-569	Purple	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000-WT
BBP31, BBP33	Fig. 33	B30C-500-569-PK	B-569	Pink	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-PK	B-569	Pink	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-PK	B-569	Pink	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-PK	B-569	Pink	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-569-CL	B-569	Clear	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-569-CL	B-569	Clear	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-569-CL	B-569	Clear	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-569-CL	B-569	Clear	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000

Pre-Printed GHS / CLP Chemical Labels (B-7569)

- Blank labels with pre-printed red diamonds allow printer to produce 2-color GHS / CLP labels in one print pass
- 3 sizes of labels, each with 6 diamond layouts that match templates in MarkWare™ Software
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling
- MarkWare Software v3.9.1 or higher required (upgrades available for current MarkWare owners)

Service temp: -4°F to 180°F Application temp: 50°F to 180°F
Average Outdoor Durability: 3-5 years



Fits Printer Model(s)	Catalog #	B#	Material	Legend	Label Height Inch (mm)	Label Width Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon	
BBP31, BBP33	B30-260-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31, BBP33	B30-260-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31, BBP33	B30-260-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31, BBP33	B30-260-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31, BBP33	B30-260-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31, BBP33	B30-260-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31, BBP33	B30-261-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31, BBP33	B30-262-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	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

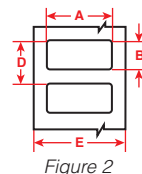


Figure 2



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

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 for: 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		2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-245-595-NFPA	B-595		2.250 (57.5)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-263-595-NFPA	B-595		4.000 (101.6)	6.250 (158.8)	1	170	B30-R10000
BBP31, BBP33	B30-244-595-DIAM	B-595		2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-161-595-DIAM	B-595		4.000 (101.6)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-246-595-NFR	B-595		1.125 (28.6)	3.000 (76.2)	1	300	B30-R10000
BBP31, BBP33	B30-244-595-CB	B-595		2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-245-595-CB	B-595		2.250 (57.5)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	B30-263-595-CB	B-595		4.000 (101.6)	6.250 (158.8)	1	170	B30-R10000
BBP31, BBP33	B30-244-595-HMIG	B-595		2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-246-595-HMIG	B-595		1.125 (28.6)	3.000 (76.2)	1	300	B30-R10000

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

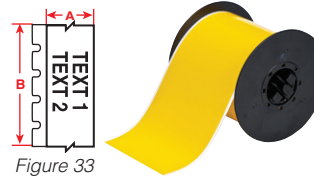


Figure 33



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

Printable Magnetic Supply (B-509)

- Easiest and quickest material for removing and repositioning.
- Non-adhesive magnetic material that can be printed on directly
- Ideal for reusable, repositionable, and lean / 5S identification applications

Service temp: 0°F to 158°F

Average Outdoor Durability: 3 to 5 years



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-2500-509-WT	B-509	White	2.500 (63.5)	25ft (7.62m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4250-509-WT	B-509	White	4.250 (107.8)	25ft (7.62m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2500-509-YL	B-509	Yellow	2.500 (63.5)	25ft (7.62m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4250-509-YL	B-509	Yellow	4.250 (107.8)	25ft (7.62m)	1 roll (cont.)	B30-R10000

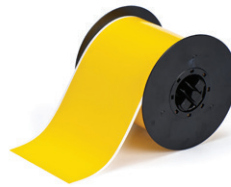
Repositionable Vinyl (B-581)

- Aggressive adhesive stays in place but removes cleanly without leaving adhesive residue
- Ideal for temporary, removable, and repositionable labels, like 5S and lean inventory labels

Service temp: -40°F to 180°F Application temp: 50°F to 180°F
Average Outdoor Durability: 5 years



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-500-581-WT	B-581	White	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-581-WT	B-581	White	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-581-WT	B-581	White	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-581-WT	B-581	White	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-500-581-YL	B-581	Yellow	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-581-YL	B-581	Yellow	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-581-YL	B-581	Yellow	2.250 (57.5)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4000-581-YL	B-581	Yellow	4.000 (101.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000

Polypropylene Labels (B-425)

- General labeling material for indoor use
- Outstanding chemical and solvent resistance and print performance
- Not recommended for prolonged outdoor use (use B-595 material for 8-10 year outdoor use)

Service temp: -94°F to 212°F

Agency approvals:

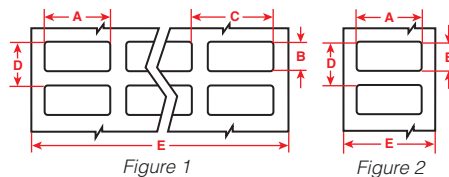


Figure 1

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. 1	B33-5-425	B-425	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 2	B33-17-425	B-425	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	B33-18-425	B-425	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	B33-19-425	B-425	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300

Polypropylene Material (B-7425)

- Constructed with durable polypropylene material to provide a tough and economical solution for improved identification and workflow tracking in the lab
- Ideal for a broad range of processes and applications, including samples, inventory, general tracking, and identification of vials, tubes, racks, flasks, bags and other sample containers
- Can be applied to both curved or flat surfaces

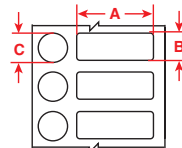


Figure 24

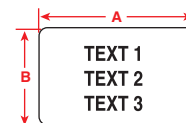


Figure 29



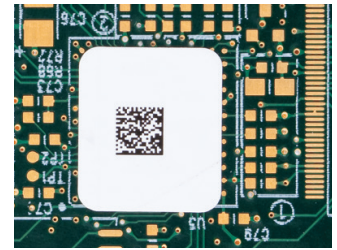
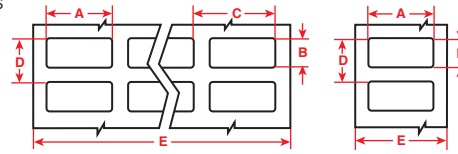
Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width Inch (mm)	Label Height Inch (mm)	Label Area C Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 29	B33-257-7425	B-7425	White	0.825 (21.0)	0.250 (6.4)	-	1	1500	B30-R4300
BBP33 only	Fig. 29	B33-152-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	-	2	2500	B30-R4300
BBP33 only	Fig. 24	B33-249-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	1	1500	B30-R4300
BBP33 only	Fig. 29	B33-59-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	-	1	2500	B30-R4300
BBP33 only	Fig. 24	B33-251-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	0.440 (11.1) dia.	1	1500	B30-R4300
BBP33 only	Fig. 29	B33-88-7425	B-7425	White	1.000 (25.4)	0.750 (19.1)	-	2	2500	B30-R4300
BBP33 only	Fig. 29	B33-179-7425	B-7425	White	1.000 (25.4)	1.000 (25.4)	-	1	1900	B30-R4300
BBP33 only	Fig. 29	B33-256-7425	B-7425	White	1.300 (33.0)	0.600 (15.2)	-	1	1500	B30-R4300
BBP33 only	Fig. 29	B33-37-7425	B-7425	White	1.500 (38.1)	0.500 (12.7)	-	2	1500	B30-R4300
BBP33 only	Fig. 29	B33-136-7425	B-7425	White	1.500 (38.1)	0.750 (19.1)	-	1	1500	B30-R4300
BBP33 only	Fig. 29	B33-235-7425	B-7425	White	1.500 (38.1)	1.000 (25.4)	-	1	1250	B30-R4300
BBP33 only	Fig. 29	B33-258-7425	B-7425	White	1.500 (38.1)	1.750 (44.5)	-	1	2500	B30-R4300
BBP33 only	Fig. 29	B33-151-7425	B-7425	White	2.000 (50.8)	0.250 (6.4)	-	1	2500	B30-R4300
BBP33 only	Fig. 29	B33-53-7425	B-7425	White	2.000 (50.8)	0.500 (12.7)	-	1	2500	B30-R4300
BBP33 only	Fig. 29	B33-137-7425	B-7425	White	2.000 (50.8)	1.000 (25.4)	-	1	1500	B30-R4300

Standard Polyimide Labels (B-724, B-727)

- Top or bottom-side component ID or board ID labels that withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards

B-727: Service temp: -94°F to 212°F (short burst max temp: 80 sec at 572°F, 5 min at 500°F, 2 hrs at 338°F)
Agency approvals:  RoHS

B-724: Service temp: -94°F to 518°F (short burst max temp: 80 sec at 626°F, 5 min at 536°F)
Agency approvals: RoHS



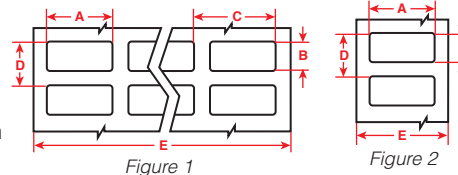
Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Standard temperature (B-727 gloss white):												
BBP33 only	Fig. 1	B33-11-727	B-727	Gloss White	0.250 (6.35)	0.250 (6.4)	0.25 (6.4)	0.375 (9.5)	3.200 (81.3)	12	5000	B30-R6000
BBP33 only	Fig. 1	B33-38-727	B-727	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.200 (81.3)	9	5000	B30-R6000
BBP33 only	Fig. 1	B33-149-727	B-727	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 2	B33-46-727	B-727	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R6000
BBP33 only	Fig. 1	B33-1-727	B-727	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R6000
BBP33 only	Fig. 2	B33-49-727	B-727	Gloss White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	5000	B30-R6000
BBP33 only	Fig. 1	B33-2-727	B-727	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-103-727	B-727	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-58-727	B-727	Gloss White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-59-727	B-727	Gloss White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2500	B30-R6000
BBP33 only	Fig. 2	B33-43-727	B-727	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-44-727	B-727	Gloss White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-45-727	B-727	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-72-727	B-727	Gloss White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	5000	B30-R6000
Extremely high temperature (B-724 matte amber):												
BBP33 only	Fig. 1	B33-149-724	B-724	Matte Amber	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R4300
BBP33 only	Fig. 2	B33-46-724	B-724	Matte Amber	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R4300
BBP33 only	Fig. 1	B33-1-724	B-724	Matte Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R4300
BBP33 only	Fig. 1	B33-2-724	B-724	Matte Amber	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 2	B33-43-724	B-724	Matte Amber	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R4300
BBP33 only	Fig. 1	B33-4-724	B-724	Matte Amber	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	3.350 (85.1)	2	5000	B30-R4300

Static Dissipative Polyimide Labels (B-717, B-718, B-719)

- Circuit board and electronic component ID with static dissipative adhesive and release liner with surface resistivity values recommended for dissipative ESD packaging

- Complies with EIA-541 Packaging Material Standards for ESD Sensitive Items
- For top or bottom-side component or board identification

All: Service temp: -94°F to 212°F
(short burst max temp: 80 sec at 572°F, 5 min at 500°F, 2 hrs at 338°F)
Agency approvals:  RoHS



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
Standard thickness (B-717 gloss white):												
BBP33 only	Fig. 2	B33-46-717	B-717	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-103-717	B-717	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-43-717	B-717	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-45-717	B-717	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5000	B30-R6000
Low profile label (B-718 gloss white):												
BBP33 only	Fig. 4	B33-11-718	B-718	Gloss White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15000	B30-R6000
BBP33 only	Fig. 1	B33-38-718	B-718	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.200 (81.3)	9	5000	B30-R6000
BBP33 only	Fig. 1	B33-149-718	B-718	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-1-718	B-718	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R6000
BBP33 only	Fig. 2	B33-46-718	B-718	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-49-718	B-718	Gloss White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-43-718	B-718	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-45-718	B-718	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-72-718	B-718	Gloss White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	5000	B30-R6000
Low profile label - Matte white to prevent sticking of solder balls (B-719 matte white):												
BBP33 only	Fig. 1	B33-38-719	B-719	Matte White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.200 (81.3)	9	5000	B30-R6000
BBP33 only	Fig. 2	B33-46-719	B-719	Matte White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R6000
BBP33 only	Fig. 1	B33-2-719	B-719	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-42-719	B-719	Matte White	1.000 (25.4)	0.188 (4.8)	-	0.288 (7.3)	1.200 (30.5)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-43-719	B-719	Matte White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R6000

Polyester Labels (B-422, B-423, B-430, B-432, B483, B-484, B-489)

- For general purpose industrial ID applications and PC board component ID

B-423, B-483, B-489: Service temp: -94°F to 248°F

Agency approvals: RoHS

B-430, B-432: Service temp: -40°F to 212°F

Agency approvals: RoHS

B-484: Service temp: -40°F to 240°F

Agency approvals: RoHS

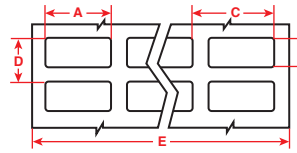


Figure 1

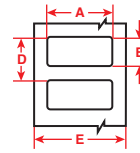


Figure 2

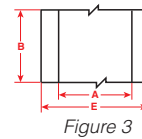
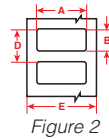
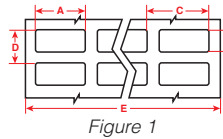
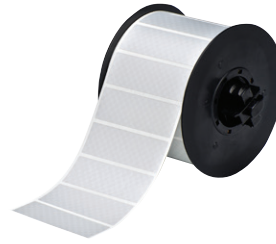


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Standard adhesive (B-423 gloss white):												
BBP33 only	Fig. 4	B33-11-423	B-423	Gloss White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15000	B30-R6000
BBP33 only	Fig. 1	B33-38-423	B-423	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.200 (81.3)	9	5000	B30-R6000
BBP33 only	Fig. 1	B33-149-423	B-423	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-1-423	B-423	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5000	B30-R6000
BBP33 only	Fig. 2	B33-46-423	B-423	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-49-423	B-423	Gloss White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-103-423	B-423	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5000	B30-R6000
BBP33 only	Fig. 1	B33-3-423	B-423	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 1	B33-5-423	B-423	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-43-423	B-423	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5000	B30-R6000
BBP33 only	Fig. 1	B33-29-423	B-423	Gloss White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5000	B30-R6000
BBP33 only	Fig. 2	B33-45-423	B-423	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-72-423	B-423	Gloss White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	5000	B30-R6000
BBP33 only	Fig. 2	B33-53-423	B-423	Gloss White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2500	B30-R6000
BBP33 only	Fig. 2	B33-17-423	B-423	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-423	B-423	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-423	B-423	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-55-423	B-423	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Standard adhesive (B-430 clear):												
BBP33 only	Fig. 1	B33-5-430	B-430	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-17-430	B-430	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-430	B-430	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
Stronger adhesive for textured surfaces (B-422 gloss white):												
BBP33 only	Fig. 1	B33-149-422	B-422	White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-5-422	B-422	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 1	B33-147-422	B-422	White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.475 (12.1)	3.350 (85.1)	2	2500	B30-R6000
BBP33 only	Fig. 2	B33-102-422	B-422	White	1.500 (38.1)	0.375 (9.5)	-	0.500 (12.7)	1.700 (43.2)	1	2500	B30-R6000
BBP33 only	Fig. 2	B33-136-422	B-422	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-17-422	B-422	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-422	B-422	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-422	B-422	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-76-422	B-422	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	500	B30-R6000
Stronger adhesive for textured surfaces (B-432 clear):												
BBP33 only	Fig. 1	B33-149-432	B-432	Clear	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-5-432	B-432	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-17-432	B-432	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-432	B-432	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-432	B-432	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Ultra aggressive adhesive for highly textured surfaces (B-483 gloss white):												
BBP33 only	Fig. 1	B33-149-483	B-483	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5000	B30-R6000
BBP33 only	Fig. 1	B33-5-483	B-483	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-17-483	B-483	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-7-483	B-483	Gloss White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1000	B30-R6000
BBP33 only	Fig. 2	B33-18-483	B-483	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-483	B-483	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-55-483	B-483	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Ultra aggressive adhesive for highly textured surfaces (B-489 matte white):												
BBP33 only	Fig. 1	B33-5-489	B-489	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 2	B33-17-489	B-489	Matte 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	B33-18-489	B-489	Matte 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	B33-19-489	B-489	Matte White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Polyester - Ultra-aggressive adhesive and pliable for conforming to angular surfaces (B-484):												
BBP33 only	Fig. 2	B33-125-484	B-484	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1500	B30-R6000
BBP33 only	Fig. 1	B33-5-484	B-484	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-136-484	B-484	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-17-484	B-484	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-484	B-484	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-484	B-484	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000

Metallized Polyester Labels (B-428, B-434, B-435, B-438, B-486, B-565)

- For product labeling, asset tracking and general industrial ID
- Silver metallic label withstands solvents and variable temperatures
- Ideal for serial number plates and rating plates with name-plate quality and metal-looking finish
- 3 adhesive strengths/gloss configurations to meet your needs

B-428: Service temp: -40°F to 293°F Agency approvals:   
B-434: Service temp: -40°F to 194°F Agency approvals:   
B-435: Service temp: -40°F to 194°F Agency approvals:   
B-438: Service temp: -40°F to 104°F Agency approvals:   
B-486: Service temp: -40°F to 248°F Agency approvals:   
B-565: Service temp: -40°F to 240°F Agency approvals:   



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
Standard adhesive for smooth surfaces (B-428 matte):												
BBP33 only	Fig. 1	B33-5-428	B-428	Matte Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 2	B33-53-428	B-428	Matte Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2500	B30-R4300
BBP33 only	Fig. 2	B33-17-428	B-428	Matte Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R4300
BBP33 only	Fig. 2	B33-18-428	B-428	Matte Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R4300
BBP33 only	Fig. 2	B33-19-428	B-428	Matte Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
BBP33 only	Fig. 3	B33C-3000-428	B-428	Matte Silver	3.000 (76.2)	85 ft (25.9m)	-	-	3.400 (86.4)		1 roll (cont.)	B30-R4300
Standard adhesive for smooth surfaces. Material compatible in BBP31 Printer (B-565 matte):												
BBP31, BBP33	Fig. 3	B30C-1125-565-SL	B-565	Matte Silver	1.125 (28.6)	100 ft. (30.5m)	-	-	1.375 (34.9)		1 roll (cont.)	B30-R4300
BBP31, BBP33	Fig. 3	B30C-2250-565-SL	B-565	Matte Silver	2.250 (57.5)	100ft. (30.5m)	-	-	2.500 (63.5)		1 roll (cont.)	B30-R4300
BBP31, BBP33	Fig. 3	B30C-4000-565-SL	B-565	Matte Silver	4.000 (101.6)	100ft. (30.5m)	-	-	4.200 (106.7)		1 roll (cont.)	B30-R4300
Standard adhesive for smooth surfaces (B-435 glossy):												
BBP33 only	Fig. 2	B33-18-435	B-435	Gloss Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-435	B-435	Gloss Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-55-435	B-435	Gloss Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Stronger adhesive for rougher surfaces (B-434 glossy):												
BBP33 only	Fig. 1	B33-5-434	B-434	Gloss Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R6000
BBP33 only	Fig. 2	B33-136-434	B-434	Gloss Silver	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-17-434	B-434	Gloss Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-18-434	B-434	Gloss Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1500	B30-R6000
BBP33 only	Fig. 2	B33-19-434	B-434	Gloss Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
BBP33 only	Fig. 2	B33-55-434	B-434	Gloss Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Ultra aggressive adhesive for highly textured, powder coated and low surface energy surfaces (B-486 matte):												
BBP33 only	Fig. 2	B33-59-486	B-486	Matte Silver	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2500	B30-R4300
BBP33 only	Fig. 1	B33-5-486	B-486	Matte Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5000	B30-R4300
BBP33 only	Fig. 2	B33-53-486	B-486	Matte Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2500	B30-R4300
BBP33 only	Fig. 2	B33-17-486	B-486	Matte Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1300	B30-R4300
BBP33 only	Fig. 2	B33-7-486	B-486	Matte Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1000	B30-R4300
BBP33 only	Fig. 2	B33-18-486	B-486	Matte Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1300	B30-R4300
BBP33 only	Fig. 2	B33-19-486	B-486	Matte Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
BBP33 only	Fig. 2	B33-76-486	B-486	Matte Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	500	B30-R4300
BBP33 only	Fig. 2	B33-161-486	B-486	Matte Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	250	B30-R4300
Tamper-Evident - Leaves checkerboard footprint on surface and on label if removed to prevent re-use (B-438 matte):												
BBP31, BBP33	Fig. 2	B30-17-438	B-438	Matte Silver	2.000 (50.8)	1.000 (25.4)	-	2.500 (63.5)	1.125 (28.6)	1	1225	B30-R4300
BBP31, BBP33	Fig. 2	B30-18-438	B-438	Matte Silver	3.000 (76.2)	1.000 (25.4)	-	3.250 (82.6)	1.250 (31.8)	1	1225	B30-R4300
BBP31, BBP33	Fig. 2	B30-222-438	B-438	Matte Silver	3.000 (76.2)	2.000 (50.8)	-	3.250 (82.6)	2.250 (57.2)	1	650	B30-R4300
BBP31, BBP33	Fig. 3	B30C-3000-438-SL	B-438	Matte Silver	3.000 (76.2)	100 ft. (30.5m)	-	-	3.250 (82.6)		1 roll (cont.)	B30-R4300

BBP®33 and BBP®31 Print Ribbons



Installs in 5 seconds and the ink always faces the right direction!



Print Ribbons

“Drop & Click” print ribbons for 5 second ribbon supply changes.

- Tough, smear-proof ribbons that produce long-lasting printed text and can withstand years in industrial areas and outdoor conditions
- Self-contained cartridges drop straight into printer with a “click”
- No calibrating, no threading, no wasted feeding, no hassles, and the ink will always be facing the right direction!
- Printer notifies user if installed ribbon is not recommended for installed labels

Catalog #	Color	Catalog #	Color
4.330" x 200' Heavy-duty ribbons for outdoor & harsh facility materials:		4.330" x 200' Industrial grade print ribbons:	
B30-R10000	Black	B30-R4300	Black
B30-R10000-WT	White	B30-R6000	Black
B30-R10000-RD	Red	B30-R6200	Black
B30-R10000-GN	Green	B30-R6400	Black
B30-R10000-BL	Blue	B30-R6600	Black
B30-R10000-YL	Yellow***	B30-R4400-WT	White
B30-R10000-YL2	Yellow***	B30-R6700-WT	White
B30-R10000-OR	Orange	B30-R4500-SV	Silver*
B30-R10000-MA	Magenta		

* B30-R4500-SV for use with B-342 black PermaSleeves only.

*** For printing yellow onto white B-595 use B30-R10000-YL. For printing yellow onto other colors of B-595 use B30-R10000-YL2.

BBP®31 & BBP®33 Print Ribbon / Material Compatibility (Updated March 2017)

Update your BBP®33 printer firmware. Recommendations below assume current firmware version. Visit www.BradyID.com/bbp33 for free upgrade via download.

B-# Material	B30-R4300 (Black)	B30-R6000 (Black)	B30-R6200 (Black)	B30-R6400 (Black)	B30-R6600 (Black)	B30-R10000 (Black)	B30-R10000-WT (White)	B30-R4400-WT (White)	B30-R6700-WT (White)	B30-R10000-YL (Yellow)	B30-R10000-YL2 (Yellow)	B30-R10000 (Colors)	B30-R4500-SV (Silver)
B-342 PermaSleeve® PS Wire Markers	●	—	—	—	—	—	—	—	—	—	—	—	●*
B-344 PermaSleeve® FR Wire Markers	—	—	—	—	—	—	—	—	—	—	—	—	—
B-345 PermaSleeve® HT Wire Markers	—	●	—	—	—	—	—	●*	—	—	—	—	—
B-422 Glossy White Polyester	—	●	—	—	—	—	—	—	—	—	—	—	—
B-423 Glossy White Polyester	—	●	●	—	—	—	—	—	—	—	—	—	—
B-424 Matte White Paper	●	—	—	—	—	—	—	—	—	—	—	—	—
B-425 Matte White Polypropylene	●	—	—	●	—	—	—	—	—	—	—	—	—
B-426 Matte Amber Polyimide	●	—	—	—	—	—	—	—	—	—	—	—	—
B-427 Vinyl Self-Laminating	●	—	—	—	—	—	—	—	—	—	—	—	—
B-428 Metallized Polyester	●	—	—	—	—	—	—	—	—	—	—	—	—
B-430 Glossy Clear Polyester	—	●	●	—	—	—	—	●	—	—	—	—	—
B-432 Glossy Clear Polyester	—	●	—	—	—	—	—	●	—	—	—	—	—
B-434 Glossy Metallized Polyester	—	●	—	—	—	—	—	—	—	—	—	—	—
B-435 Glossy Metallized Polyester	—	●	—	—	—	—	—	—	—	—	—	—	—
B-437 Tedlar®	●	—	—	—	—	—	—	—	—	—	—	—	—
B-438 Tamper Evident Metallized Polyester	●	—	—	—	—	—	—	—	—	—	—	—	—
B-457 Glossy White Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-472 Topcoated Polyimide	●	—	—	—	—	—	—	—	—	—	—	—	—
B-483 Glossy White Polyester	—	●	—	—	—	—	—	—	—	—	—	—	—
B-484 Glossy White Polyester	—	●	—	—	—	—	—	—	—	—	—	—	—
B-486 Matte Metallized Polyester	●	—	—	—	—	—	—	—	—	—	—	—	—
B-489 Matte White Polyester	●	—	—	—	—	—	—	—	—	—	—	—	—
B-498 Repositionable Coated Vinyl Cloth	●	—	●	—	—	—	—	—	—	—	—	—	—
B-499 Coated Nylon Cloth	—	●	—	—	—	—	—	—	—	—	—	—	—
B-509 Printable Magnetic	—	●	—	—	—	●	—	—	—	—	—	●**	—
B-526 Photoluminescent Polyester	—	●	—	—	—	●	—	—	—	—	—	●**	—
B-549 Cold Temp Polyester	—	●	—	—	—	●	●	—	—	—	—	●**	—
B-551 Non-Adhesive Tag	—	●	—	—	—	●	—	—	—	—	—	●**	—
B-565 Metallized Polyester	●	—	—	—	—	—	—	—	—	—	—	—	—
B-569 Low-Halide Polyester	—	●	—	—	—	●	●	—	—	—	—	●**	—
B-581 Repositionable Vinyl	—	●	—	—	—	●	●	—	—	—	—	●**	—
B-584 Retro Reflective	—	●	—	—	—	●	—	—	—	—	—	●**	—
B-593 Raised Panel Engraved Plate Substitute	—	●	—	—	—	—	—	●	—	—	—	—	—
B-595 Outdoor Vinyl	—	●	—	—	—	●	●	—	—	●***	●***	●**	—
B-854 Toughwash™ Metal Detectable	—	●	—	—	—	—	—	—	—	—	—	—	—
B-855 Toughwash™	—	●	—	—	—	—	—	—	—	—	—	—	—
B-717 Glossy Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-718 Glossy Low Profile Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-719 Matte Low Profile Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-7425 Matte White Polypropylene	●	—	●	●	—	—	—	—	—	—	—	—	—
B-7642 PermaSleeve® HX Wire Markers	●	—	—	●	—	—	—	—	—	—	—	—	—

Refer to the corresponding Tech Data Sheets for complete material information at www.BradyID.com/techdata.

*B30-R4500-SV ribbon for use with B-342 black PermaSleeves® only; B30-R4400-WT ribbon for use with B-345 black PermaSleeves® only.

**Colored ribbons optimized for use on white material. Test use on other material colors for suitability to your application.

***For printing yellow onto white B-595 use B30-R10000-YL. For printing yellow onto other colors of B-595 use B30-R10000-YL2.

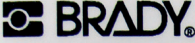
Print Your Own Magnets

The Ultimate Repositionable Label!



B30C-2500-509-WT

B33-18-434



Brady Corporation
8555 West Good Hope Rd
Milwaukee WI 53223 U.S.A.
www.bradyid.com/bbp

UL SP CE ✓

Serial No.

VMG10044

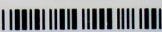
Location:

MILW-GHO

Mfg. Date:

05-AUG-11

Made in U.S.A.



B33-164-481



S.S.S.
02 - 19 - 1983



B33-68-498



Devil Study 443
18/15/2011

Brady B-482
Tissue Cassette Label



B33-103-457



010241



010240



010239



010238



010237



010236



010235



010234



010233



010232



B33-17-438

B30C-4250-551-WT

MOREK

MODEL: Ø391 VOLTS: 12Ø
SERIAL: A2394Ø AMPS: 7Ø

WAREHOUSE KANBAN

PART # 102-94

GE RESIN PELLETS

WHITE

5 gal

311 to K150

#2 Prep Rack

All labels were created using the
BBP®33 Label Printer and are
shown in their actual size.

B30C-1125-595-YL

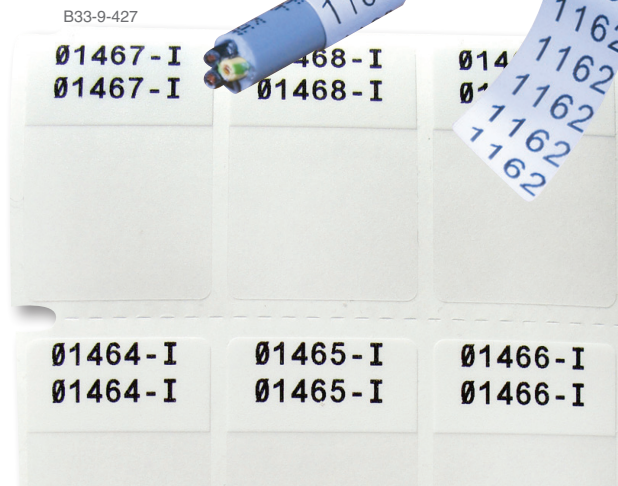
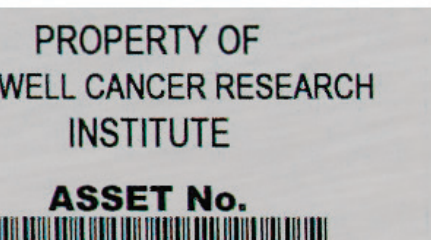
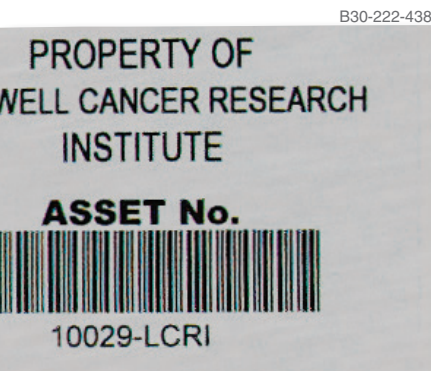
SERVER 7 **KGX027-04**
("KENT ST. SERVER")



ARC FLASH AND SHOCK HAZARD
APPROPRIATE PPE REQUIRED

- 2' - 0" - Flash Hazard Boundry
- 2.5 - cal/cm2 Flash Hazard at 18 in
- #1 - PPE Level (FR shirt & FR pants, arc flash protection, hard hat, VR rubber gloves)
- 0.48 - Shock hazard when cover is removed
- 3 - 6" - Limited Approach
- 1' - 0" - Restricted Approach
- 0' - 1" - Prohibited Approach

DEVICE NAME: PLATING LINE MCC FED FROM: PLATING LINE MCC



ENCLOSURE-20
UPS SUBPANEL 6 ON BREAKER 41

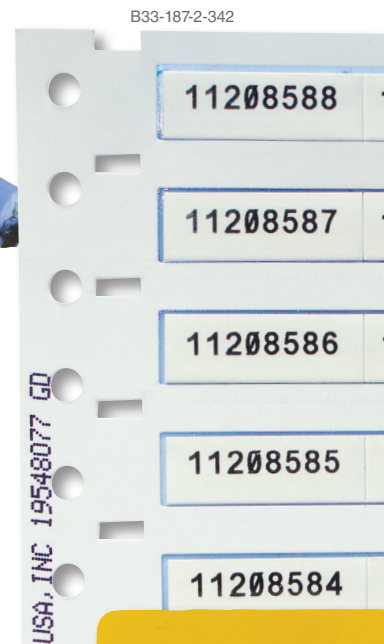
B30EP-174-593-BK

AMBIENT TEMP
ALARM
ALARM @ 105°F
SHUT DOWN @ 200°F

B30EP-173-593-SL



B30EP-173-593-SV



MCC
MOTOR CONTROL
STAMPING

B30EP-177-593-YL

WARNING
CK HAZARD
REQUIRED!

ches
ts, or FR coverall, eye
ber or leather gloves
open/removed

PNL 213, BRKRS 10-18

B30-25-595-ANSIWA

11208588

11208587

11208586

11208585

11208584

C-7

ROL CENTER
G LINE

Create multicolor signs and chemical labels in 1 print pass by using supplies with pre-printed color headers, diamonds and color bars.

B30-245-595-NFPA

Ethyl Acetate
141-78-6
DANGER

Health
Hazard



Fire
Hazard

Instability

Specific
Hazard

B30-261-7569-CLP4A

HEALTH HAZARDS: Flammable

ratory System, Mucous Membranes, F

ift supervisor's office on the 1st floor, v

HEAVY
SEPARATION
NEEDED



SHEET FOR



UPPER BALE /
AUTO-LOWE
IN "RUN" MO

BLANK PRE-PRINT HEADER



98-904-032
01-087-987

Acetic Anhydride

H203: Explosive; fire, blast or projection hazard. - H204: Fire or projection hazard. - H301+H311: Toxic if swallowed or in contact with skin. P402+P404: Store in a dry place. Store in a closed container. - P403+P235: Store in a well-ventilated place. Keep cool. EUH001: Explosive when dry. - EUH006: Explosive with or without contact with air. - EUH032: Contact with acids liberates very toxic gas.

Danger

414-414-4141

9734531-56-0

123-467-9

231-649-87-0



369ml

BRADY CORPORATION
1122 NORTH TEST
LANE
MILWAUKEE, WI 53236

COMMENTS
SECTION FOR
GHS



PSM
POWER SUPPLY
FOR MOTORS

RL2
RELAY #2

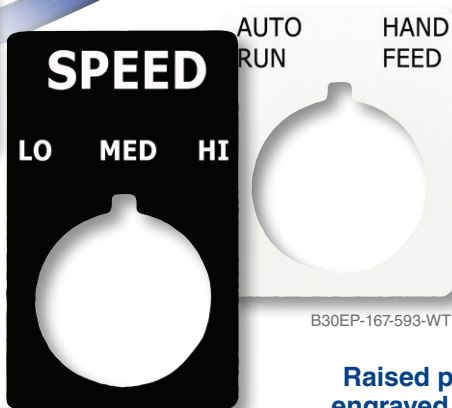


SW1
SWITCH #1



SW3
SWITCH #3

SW2
SWITCH #2



B30EP-167-593-WT

B30EP-168-593-BK

Raised profile
engraved plate
substitute labels are
pre-cut for common
sizes, last 10 years outdoors and
cost up to 80% less than engraved.

B30C-2250-595-OR

MELZER PRESS
ULTRAVIOLET U



380/220 VOLTS

50 AMP FUSES

BUS 129, SWITCH 236

THROUGH TRANSFORMER



LUBE POINT
1 PUMP WEEKLY



B30C-1125-595-WT

HAZARD
RATINGS

4 Severe
3 Serious
2 Moderate
1 Slight
0 Minimal

Paranasal

West wall

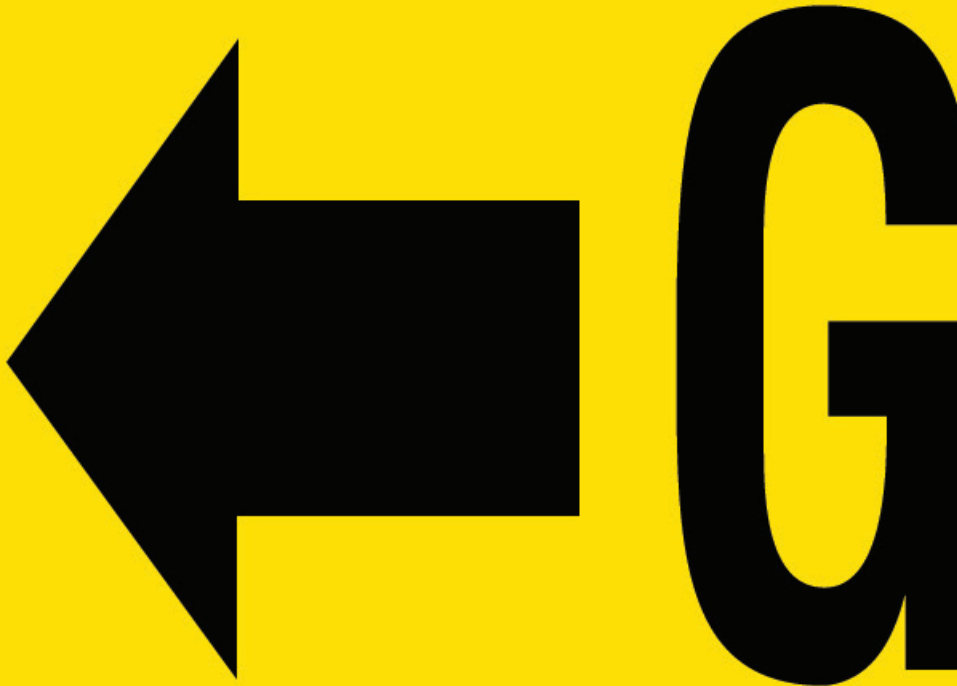
ANGER

ARM
RS
DE



SUPPLIES FOR BRADY BBP31 PRINTER

B30-241-595-ANSIDA



B30C-4000-595-YL

B-595 vinyl is our most aggressive ever - it sticks to pipes and extremely rough surfaces and lasts up to 10 years outdoors.

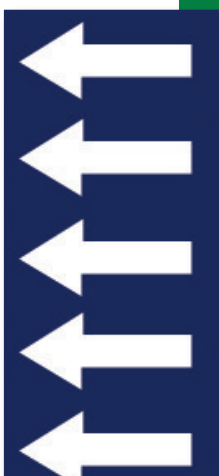
Order
nt

B30C-2250-595-GN

← 86°F

B30C-2250-595-GN

S 1
NIT



L.P. AIR 40 PS

B30C-1125-595-BL

BBP®33 LABEL PRINTER

Printer Specifications	BBP®33 Label Printer	
Description	High performance "full hassle-free" printing where smart chip supplies automatically set up label eliminating calibration steps and label waste. Prints on the first label! Label rolls and ribbons drop & snap into place for 20-second total changeover time.	
Applications & Other Comments	Multi-application printer with complete range of supplies for Wire, Cable, Product and Electronics applications as well as Safety, Facility and Lean/5S.	
Recommended Throughput & Operational Hours*	Wire ID & Small OEM labels 1000 labels per day 8 hours / 5 days	Safety labels 600 2" x 4" labels per day 300 larger labels per day
Print Technology	Thermal Transfer	
Print Resolution	300 dpi	
Auto Cutter	Standard (Built-in)	
Max Print Speed	4" per sec	
Max Print Width	4,000"	
Media Widths	0.500" to 4.250"	
Minimum Label Dimension	0.240"	
Color Capabilities	Monocolor	
PC Connect or Stand Alone	PC Connect only	
Connectivity Options	Standard: USB, Ethernet Optional: WiFi, WiFi Direct	
Printer Language	BPL (Brady Programming Language)	
Compatible Software	Labelmark™ Software, MarkWare™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use	

* Not a guarantee of performance. Depends on specific label size, text printed and other factors.

Specialty Material Recommendations	
B-593 Raised Panel Labels	Yes
PermaSleeve® PS, HT, HX and FR Wire Marking Sleeves	Yes
Double-Sided PermaSleeve®	Yes (with 2-pass reinsert of media)
Custom Labels	Yes (in approved Brady B numbers)

Physical Properties	
Height x Depth x Width	9.51" H x 9.08" W x 12.00" D (241.6 mm x 230.6 mm x 304.8 mm)
Weight (lbs.)	11.7 lbs (5.3 kg) unloaded
Energy Consumption (max)	16.26W in sleep mode, 255W printing
Operating Temperature / Humidity / Non-Condensing	50-104°F (10-40°C) / 10-80% non condensing
Regulatory	UL, cUL, CE, WEEE RoHS, C-Tick (Australia), GOST R (Russia), UL statement of equiv (Mexico)

Brady Software

Powerful and easy-to-use Brady software takes your label-making muscle to even higher levels.



LabelMark™ Labeling Software

- Written specifically for wire and data comm ID, ADM labeling and general industrial applications.
- Robust software solution for label design, data importing, editing and printing.
- Printer automatically reads installed supply and sets up label part for full hassle-free use when using Brady's LabelMark software.

For additional information visit www.BradyID.com/labelmark



MarkWare™ Facility Identification Software

- Create custom safety signs & labels including GHS labels, pipe markers, ANSI signs, Lockout tags, RTK chemical labels and custom labels with bar codes and graphics.
- Template wizard walks you through label creation process.
- Pre-formatted GHS label templates and approved GHS symbols.
- Printer automatically reads installed supply and sets up label part for full hassle-free use when using Brady's MarkWare software.

For additional information visit www.BradyID.com/markware



Codesoft™ Label Design Software

- Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.
- User selects part from database before printing when using Codesoft software, and user enjoys full hassle free supply installation.

For additional information visit www.BradyID.com/codesoft



BBP®33 LABEL PRINTER

The BBP®33 Label Printer is unbelievably easy to use – anyone can use it. It's brilliantly fast. And best of all, it's got so many material options that this one printer can handle all your labeling needs.

It's the way label making should be.



Printer and Software

Catalog Number	Description
BBP33-C	BBP®33 Label Printer with Auto Cutter
BBP33-C-LMP	BBP®33 Label Printer with Auto Cutter and LabelMark™ Pro Software
BBP33-C-MWS	BBP®33 Label Printer with Auto Cutter and MarkWare™ Software
BBP33-C-LMP-MWS	BBP®33 Label Printer with Auto Cutter, LabelMark™ Pro Software and MarkWare™ Software
BBP31-BBP33-KIT	BBP®33 Label Printer with Auto Cutter, BBP®31 Label Printer, LabelMark™ Pro Software and MarkWare™ Software
BBP33-SLIDEKIT	BBP®33 Label Printer with Auto Cutter, 1 roll of Stainerbondz slide label B33-141-481 and 1 ribbon

* BBP33 Label Printer ships with printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool and quick start guide.

Current MarkWare owners: Markware v3.9.1 required for use with BBP33 Printer. MarkWare v3.7 or higher required to upgrade to v3.9.1. Both upgrades are free and available at www.BradyID.com.

Current LabelMark owners: LabelMark 5 or higher is required for use with BBP33 Printer. If you already own a prior version of LabelMark 5, a free upgrade is available from Brady Tech Support or click "update" from within your LabelMark program.

Current CodeSoft owners: CodeSoft v9.0 or higher and the current CodeSoft driver file are both required for use with BBP33 Printer. Visit www.teklynx.com for more info.

Printer Accessories

Catalog Number	Description
120994	Rolling case w/ handle and supplies pockets for benchtop printers
B31-WIPER	5 pack of extra media wipers
B31-CCT	1 pack of extra cutter cleaning tools



Scan the QR code for more information

Learn more now about the BBP®33 Label Printer at www.BradyID.com/bbp33.

Windows® is a registered trademark of Microsoft Corp. CodeSoft™ is a registered trademark of Teklynx Corp.

U.S. Patent Nos. 5,823,689; 6,570,602; 8,542,155.
Additional Patents Pending.



Y2150446 MS2150446

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**Brady360®
5-Year Warranty**

We have you Covered.

BRADY 360
5 YEAR
WARRANTY

We always stand behind our products to make sure they exceed your expectations and to deliver you an unrivaled customer experience. We've strengthened our commitment to you with a **5-year printer warranty standard and free of charge** on our benchtop printer models.*

With a team of 30 certified tech support and repair technicians and our 5-year warranty backing you up, you can rest assured you'll have the support you need — every step of the way.

Our 5-year warranty covers repair parts & labor, one print head replacement, a free loaner printer, a stress-free printer setup session, and much more. You also have access to additional fee-based support, including an on-site repair service, custom programming and advanced integrations services.

*Excludes repairs due to negligence, Wraptor™ model and handheld models.

See www.BradyID.com/brady360 for full coverage details.

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Customer Service: 1-888-272-3946
Inside Sales: 1-888-311-0775
www.BradyID.com

Canada
Customer Service: 1-800-263-6179
www.BradyCanada.ca

Mexico
Customer Service: 1-800-262-7777
Inside Sales: 1-800-262-7777 ext 177
www.BradyLatinAmerica.com

BRADY
WHEN PERFORMANCE MATTERS MOST™