



[BradyID.com/bbp31](http://BradyID.com/bbp31)

# Fast. Simple. Powerfully Versatile.

The way label making should be.

**NEW**  
Expanded Range  
of Labels!

**BBP<sup>®</sup>31**  
SIGN & LABEL PRINTER



**BBP<sup>®</sup>33**  
LABEL PRINTER

# Fast. Simple. Power

## The way label making should be.

**Two powerful printers that take on ALL your labeling needs with unprecedented ease!** No more tedious, time-consuming setups. No more difficult-to-load materials. No more wasted labels. No more hassles. These printers are so simple to use and so incredibly fast to set up that most of our customers don't even believe us the first time we show them. But believe it, because it is really is that easy, and you really will be that fast, and you really will avoid wasted labels.

Industrial label printing that's simple, powerful and brilliantly fast. **Exactly the way label making should be.**



### Automatic label setup with no calibration

The printer "reads" critical information from your cartridges and automatically sets up the label correctly in the printer or your Brady software.

- No sensor adjustment or calibration (or wasted labels!)
- No print speed or burn temp trials and errors (or wasted labels!)
- No scrolling through lists searching for label part
- No need to set up label dimensions in software

*The printer does all this for you!*



### 20-second material changeovers

- 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 or get damaged



### BBP®31 Printer - stand-alone printing & ultimate ease of use

Still the easiest! Just walk up and print. Literally. The best choice for facility and safety and lean/5S "Kaizen event" labeling with a printer that operates stand alone or from your PC.

- Safety, facility and lean/5S applications – 275 parts, 12 materials
- Stand-alone operation ideal for mobile use and "lean events"
- Intuitive, simple to learn, very approachable – ideal for multi-user situations and events
- Compatible with powerful MarkWare™ PC software, plus has Windows® based driver for 3rd party software use (ex: print from MSWord)



### BBP®33 Printer - PC-only printing with expanded material options

Never-before-seen supply changeover speed and waste-free set-up in a PC-only printer. Full ranges of facility, safety & lean/5S label materials as well as die cut labels for, wire ID, lab ID and product ID.

- Safety, facility and lean/5S applications – 275 parts, 12 materials
- Wire ID, lab ID & general ID die cuts – 310 parts, 31 materials, plus custom sizes available!
- Ideal facility-wide printer where mobile use multi-user event labeling are not as important
- Compatible with LabelMark™, CodeSoft™ and MarkWare™ PC software, plus Windows® based driver for 3rd party software use (ex: print from MSWord)

# Fully Versatile.



## BBP<sup>®</sup>31 SIGN & LABEL PRINTER

Stand alone printing,  
ultimate ease of use for  
multi-user "event" labeling.



**i** **When you see this...**  
BBP31 and BBP33  
It's letting you know which  
printer model each supply  
part can be used with.



## BBP<sup>®</sup>33 LABEL PRINTER

PC only printer  
with expanded  
material options.



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# 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 hundreds of 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.

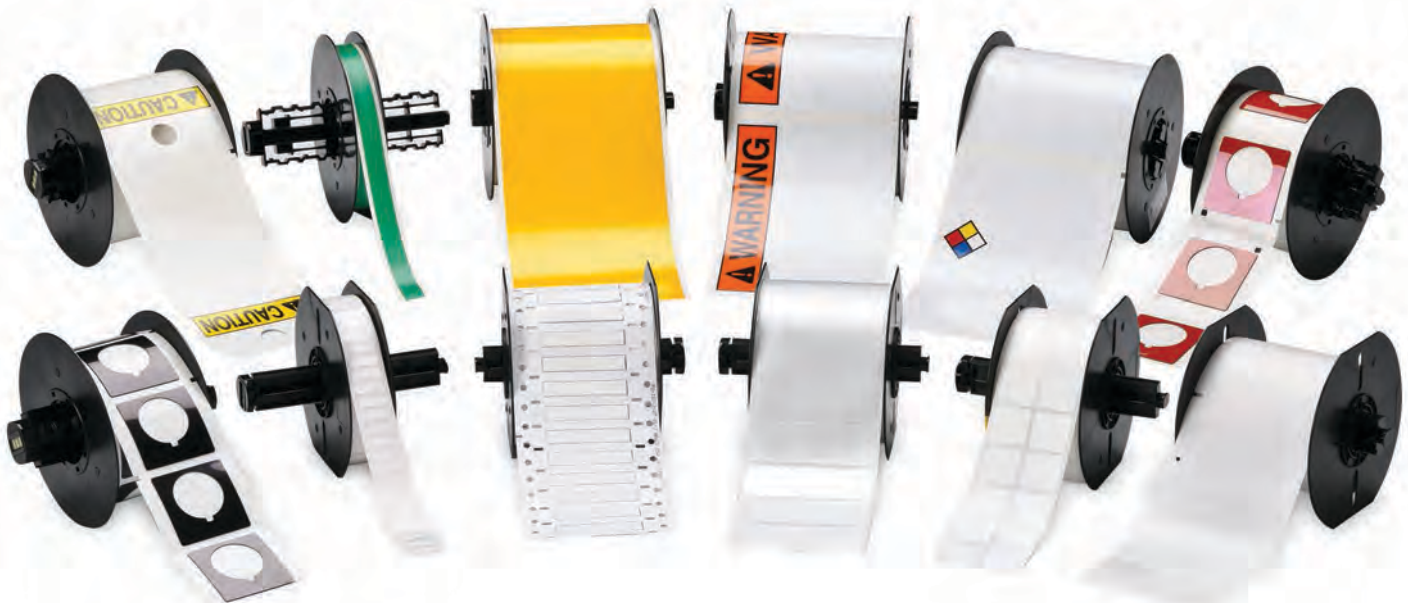
Brady materials lead the industry in durability and performance because we design and manufacture every label ourselves in our own facilities. We put our materials through rigorous, painstaking tests and trials – and nothing leaves our doors until it passes with flying colors.

## With label printing like this, the possibilities are endless.



### When you see this...

**BBP31** and **BBP33** It's letting you know which printer model each supply part can be used with.



## 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

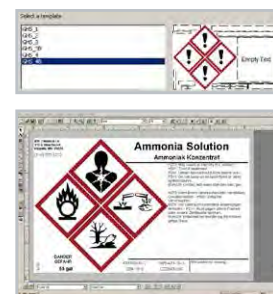


### MarkWare™ Software now includes a GHS / CLP Label Module

- 18 pre-formatted label layouts and approved GHS symbols are built-in
- User selects approved pre-worded hazard statements and GHS symbols which then automatically populates into layout – no need to type everything in
- Prompts for additional variable data which then auto-populates into layout
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling
- Choose a second language and MarkWare auto-populates in the second language

Catalog #	Description
20700	MarkWare™ Software

Already own MarkWare Software?  
Go to [BradyID.com/markware](http://BradyID.com/markware) to upgrade your current MarkWare to v3.9.1 for the GHS / CLP Label Module.



# BBP<sup>®</sup>31 and BBP<sup>®</sup>33 Materials

## 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)

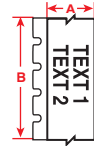


Figure 33



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: **RoHS**

### 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

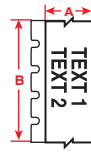


Figure 33



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

# BBP®31 and BBP®33 Materials

## 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: **RoHS**

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

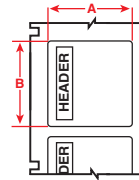


Figure 70



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](http://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

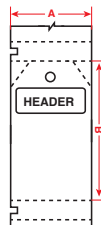


Figure 69



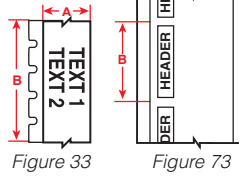
Fits Printer Model(s)	Diagram	Catalog #	B#	Header	Tag Width A Inch (mm)	Tag Height B Inch (mm)	Tags Per Row	Tags Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 69	B30-255-551-ANSIDA	B-551		3.250 (82.6)	5.750 (146.1)	1	100	B30-R10000
BBP31, BBP33	Fig. 69	B30-255-551-OSHADA	B-551		3.250 (82.6)	5.750 (146.1)	1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



Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Length B Inch (mm)	Labels Per Roll	Rec. Ribbon
<b>B-854 ToughWash™ Metal Detectable Material</b>								
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		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-854-DANG	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-854-CAUT	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
<b>B-855 ToughWash™ Material</b>								
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		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-855-DANG	B-855		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
BBP31, BBP33	Fig. 73	B30C-4000-855-CAUT	B-855		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



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

# BBP<sup>®</sup>31 and BBP<sup>®</sup>33 Materials

## 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

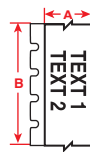


Figure 33



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

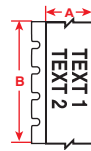


Figure 33

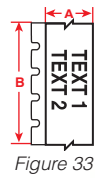


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-1125-526	B-526	Luminous Green	1.125 (28.6)	50ft. (15.2m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-526	B-526	Luminous Green	2.250 (57.5)	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

## 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

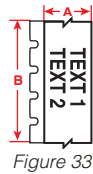


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-2500-509-WT	B-509	White	2.500 (63.5)	25ft (7.62m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-4250-509-WT	B-509	White	4.250 (107.8)	25ft (7.62m)	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

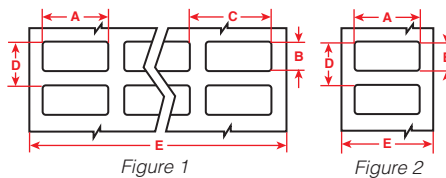


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-500-581-WT	B-581	White	0.500 (12.7)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-1125-581-WT	B-581	White	1.125 (28.6)	100ft. (30.5m)	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:



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

# BBP<sup>®</sup>31 and BBP<sup>®</sup>33 Materials

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

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

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

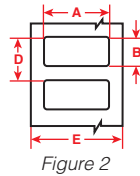


Fits Printer Model(s)	Catalog #	B#	Legend	Label Height Inch (mm)	Label Width Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	B30-244-595-NFPA	B-595		2.250 (57.5)	2.250 (57.5)	1	365	B30-R10000
BBP31, BBP33	B30-245-595-NFPA	B-595		2.250 (57.5)	4.000 (101.6)	1	240	B30-R10000
BBP31, BBP33	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

## 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**

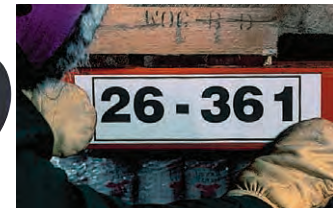


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 2	B33-53-424	B-424	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200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

## Cold Temperature Application Material (B-549)

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

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



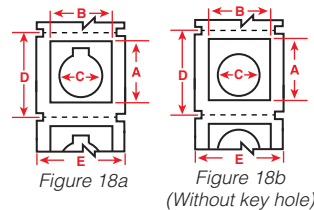
Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
BBP31, BBP33	Fig. 33	B30C-1125-549-WT	B-549	White	1.125 (28.6)	100ft. (30.5m)	1 roll (cont.)	B30-R10000
BBP31, BBP33	Fig. 33	B30C-2250-549-WT	B-549	White	2.250 (57.5)	100ft. (30.5m)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

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

Costs up to 80% less than engraved legend plates.

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

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



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?



# BBP®31 and BBP®33 Materials

## 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.

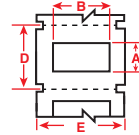
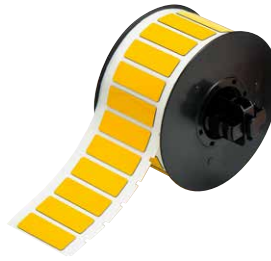


















Figure 18c



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

## General ID Labels for Lean 5S, Bins and Production Areas (B-483, B-484, B-498, B-499, B-593, B-595)

- Various sizes in several durable material types
- Also ideal for marking backer board, DIN rail, relays, PLCs, switches, solenoids, drive motors and other components inside panels
- 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:  8-10 years average outdoor durability

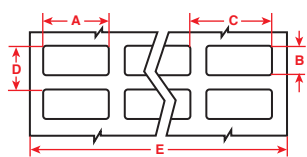


Figure 1

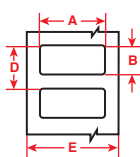


Figure 2

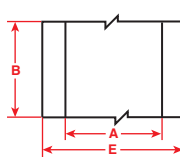


Figure 3

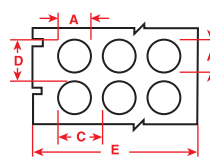


Figure 5

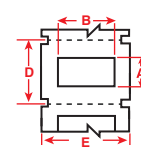


Figure 18c

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
<b>Vinyl Cloth - Aggressive but repositionable adhesive (B-498):</b>												
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
<b>Nylon Cloth - Permanent adhesive (B-499):</b>												
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
<b>Polyester - Ultra aggressive adhesive for highly textured and low surface energy surfaces (B-483):</b>												
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
<b>Polyester - Ultra-aggressive adhesive and pliable for conforming to angular surfaces (B-484):</b>												
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
<b>Raised Profile Labels - Engraved plate substitute labels (B-593*):</b>												
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
<b>Continuous cut-to-length vinyl - Permanent adhesive, conformable; indoor/outdoor grade (B-595*):</b>												
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 13).  
 46 additional sizes and colors available for B-595 (page 6).



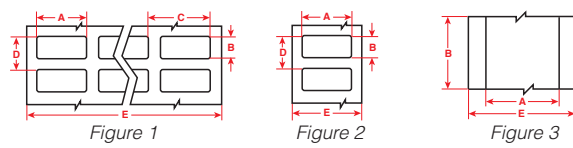


## Metallized Polyester Labels (B-428, B-434, B-435, B-438, B-486, B-565)

- 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  
**B-434:** Service temp: -40°F to 194°F  
**B-435:** Service temp: -40°F to 194°F  
**B-438:** Service temp: -40°F to 104°F  
**B-486:** Service temp: -40°F to 248°F  
**B-565:** Service temp: -40°F to 240°F

Agency approvals:   
 Agency approvals:   
 Agency approvals:   
 Agency approvals:   
 Agency approvals:



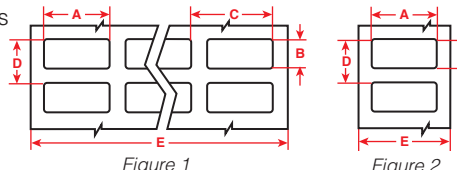
Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
<b>Standard adhesive for smooth surfaces (B-428 matte):</b>												
BBP33 only	Fig. 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
<b>Standard adhesive for smooth surfaces. Material compatible in BBP31 Printer (B-565 matte):</b>												
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
<b>Standard adhesive for smooth surfaces (B-435 glossy):</b>												
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
<b>Stronger adhesive for rougher surfaces (B-434 glossy):</b>												
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
<b>Ultra aggressive adhesive for highly textured, powder coated and low surface energy surfaces (B-486 matte):</b>												
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
<b>Tamper-Evident - Leaves checkerboard footprint on surface and on label if removed to prevent re-use (B-438 matte):</b>												
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

## 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:

**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:



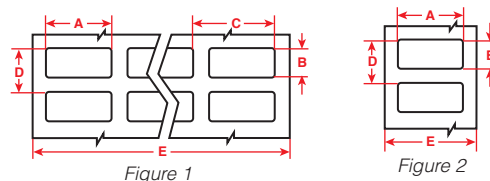
Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
<b>Standard temperature (B-727 gloss white):</b>												
BBP33 only	Fig. 1	B33-11-727	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
<b>Extremely high temperature (B-724 matte amber):</b>												
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:



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
<b>Standard thickness (B-717 gloss white):</b>												
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
<b>Low profile label (B-718 gloss white):</b>												
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
<b>Low profile label - Matte white to prevent sticking of solder balls (B-719 matte white):</b>												
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

## 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:   

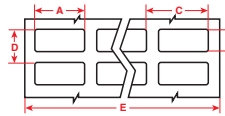
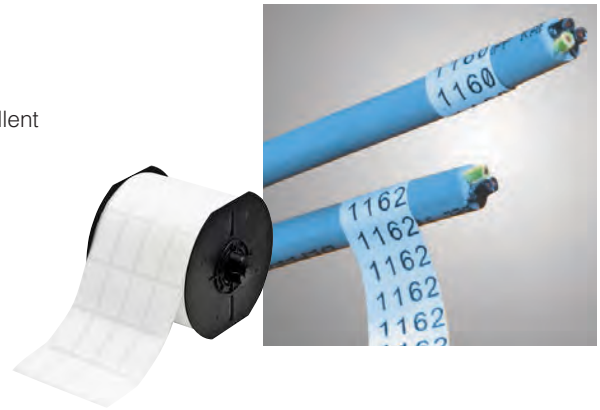





Figure 1



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:   

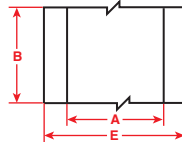


Figure 3

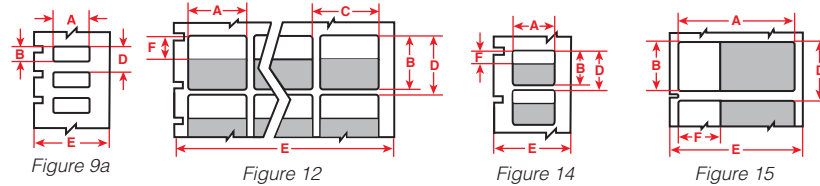


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Web Width E Inch (mm)	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 3	B33C-240-498	B-498	White	0.240 (6.1)	85 ft. (25.9m)	1.000 (25.4)	1 roll (cont.)	B30-R6200
BBP33 only	Fig. 3	B33C-312-498	B-498	White	0.312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

## 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:

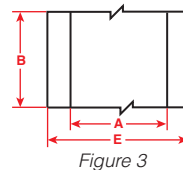


Fits Printer Model(s)	Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Print Area Height F Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP33 only	Fig. 12	B33-80-427	B-427	White	0.500 (12.7)	0.750 (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 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:



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

## Tedlar<sup>®</sup> 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**

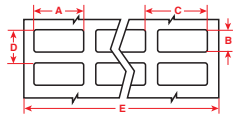


Figure 1

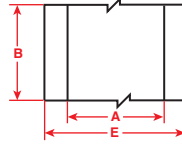


Figure 3

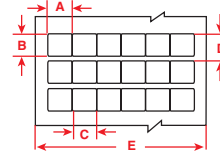


Figure 4



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
<b>Continuous Rolls</b>												
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**

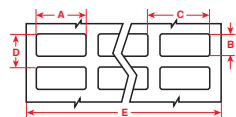


Figure 1

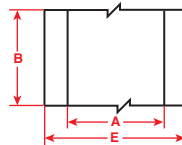


Figure 3

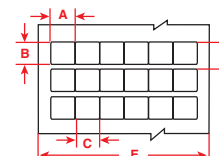


Figure 4



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
<b>Continuous Rolls</b>												
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<sup>®</sup> 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:

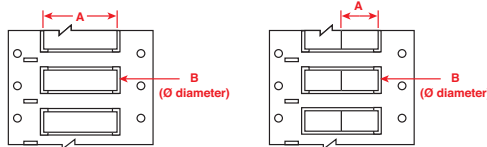
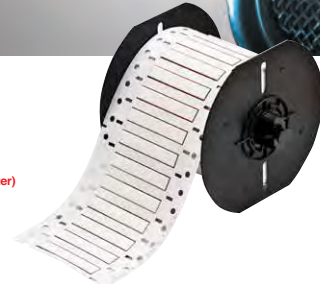


Figure 20

Figure 20-2



Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min. Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Per Roll	Rec. Ribbon
<b>3:1 Shrink ratio single-side printable, 2" sleeve width (dimension A):</b>												
BBP33	Fig. 20	B33-94-2-342	B-342	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	B33-125-2-342	B-342	White	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	B33-187-2-342	B-342	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) +/- .003 (0.07)	1	750	B30-R4300
BBP33	Fig. 20	B33-250-2-342	B-342	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33-375-2-342	B-342	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) +/- .003 (0.07)	1	500	B30-R4300
BBP33	Fig. 20	B33-500-2-342	B-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	1.187 (4.7)	.025 (0.6) +/- .003 (0.07)	1	350	B30-R4300
BBP33	Fig. 20	B33-750-2-342	B-342	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) +/- .003 (0.07)	1	250	B30-R4300
BBP33	Fig. 20	B33-1000-2-342	B-342	White	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) +/- .003 (0.07)	1	250	B30-R4300
BBP33	Fig. 20	B33-1500-2-342	B-342	White	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	B33-94-2-342YL	B-342	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	B33-125-2-342YL	B-342	Yellow	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	1	1000	B30-R4300
BBP33	Fig. 20	B33-187-2-342YL	B-342	Yellow	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) +/- .003 (0.07)	1	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)	1	500	B30-R4300
BBP33	Fig. 20	B33-375-2-342YL	B-342	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) +/- .003 (0.07)	1	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)	1.187 (4.7)	.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)	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)	1	250	B30-R4300
BBP33	Fig. 20	B33-1500-2-342YL	B-342	Yellow	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4300
BBP33	Fig. 20	B33-1500-2-342BK	B-342	Black	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	1	150	B30-R4500-SV
<b>3:1 Shrink ratio single-side printable, 1" sleeve width in "2-up pre-cut" configuration (dimension A):</b>												
BBP33	Fig. 20-2	B33-94-2-342-2	B-342	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	B33-125-2-342-2	B-342	White	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	B33-187-2-342-2	B-342	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) +/- .003 (0.07)	2	1500	B30-R4300
BBP33	Fig. 20-2	B33-250-2-342-2	B-342	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) +/- .003 (0.07)	2	1000	B30-R4300
BBP33	Fig. 20-2	B33-375-2-342-2	B-342	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) +/- .003 (0.07)	2	1000	B30-R4300
BBP33	Fig. 20-2	B33-500-2-342-2	B-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	.025 (0.6) +/- .003 (0.07)	2	700	B30-R4300
BBP33	Fig. 20-2	B33-750-2-342-2	B-342	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	.025 (0.6) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	B33-1000-2-342-2	B-342	White	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	B33-1500-2-342-2	B-342	White	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	2	150	B30-R4300
BBP33	Fig. 20-2	B33-94-2-342YL-2	B-342	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	B33-125-2-342YL-2	B-342	Yellow	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) +/- .003 (0.07)	2	2000	B30-R4300
BBP33	Fig. 20-2	B33-500-2-342YL-2	B-342	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.119 (3.0)	.025 (0.6) +/- .003 (0.07)	2	700	B30-R4300
BBP33	Fig. 20-2	B33-750-2-342YL-2	B-342	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	.025 (0.6) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	B33-1000-2-342YL-2	B-342	Yellow	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) +/- .003 (0.07)	2	500	B30-R4300
BBP33	Fig. 20-2	B33-1500-2-342YL-2	B-342	Yellow	n/a	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) +/- .003 (0.07)	2	300	B30-R4300

## PermaSleeve® PS Polyolefin Wire Marking Sleeves (Continued)

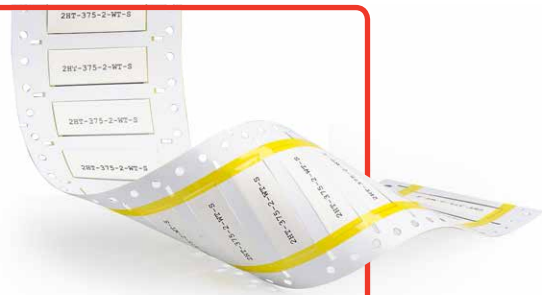
Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min. Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Per Roll	Rec. Ribbon
3:1 Shrink ratio double-side printable, 2" sleeve width (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<sup>®</sup> 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

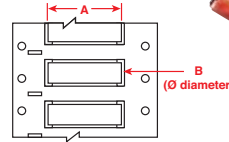


Figure 20



Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	For Wire Diameter Inch (mm)	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Per Roll	Rec. Ribbon
<b>3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):</b>												
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
<b>2:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):</b>												
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<sup>®</sup> 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 Approval: RoHS

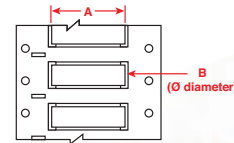
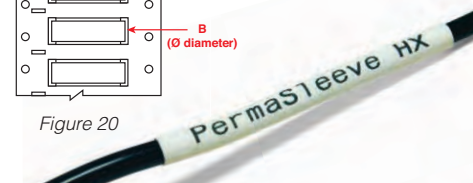


Figure 20



Fits Printer Model	Diagram	Catalog #	Material	Color	For Wire Gauge (approx.)	For Wire Diameter Inch (mm)	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Per Roll	Rec. Ribbon
<b>3:1 Shrink ratio single-side printable, 2" sleeve width (dimension A):</b>												
BBP33	Fig. 20	B33-94-2-7642	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
<b>3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):</b>												
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<sup>®</sup> 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<sup>®</sup> and DOT 3 brake fluid
- Meets the following industry specifications:
  - SAE-AMS-DTL-23053/6 (class 1)
  - MIL-STD-202G method 215K

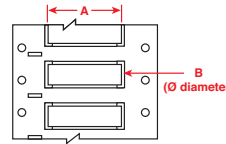


Figure 20



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
<b>3:1 Shrink ratio double-side printable, 2" sleeve width (dimension A):</b>												
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

# BBP<sup>®</sup>31 and BBP<sup>®</sup>33 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<sup>®</sup>31 & BBP<sup>®</sup>33 Print Ribbon / Material Compatibility (Updated September 2014)

Update your BBP<sup>®</sup>33 printer firmware. Recommendations below assume current firmware version. Visit [www.BradyID.com/bbp33](http://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 <sup>®</sup> PS Wire Markers	●	—	—	—	●	—	—	—	—	—	—	—	●*
B-344 PermaSleeve <sup>®</sup> FR Wire Markers	—	—	—	—	●	—	—	—	●	—	—	—	—
B-345 PermaSleeve <sup>®</sup> 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 <sup>®</sup>	●	—	—	—	—	—	—	—	—	—	—	—	—
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 <sup>™</sup> Metal Detectable	—	●	—	—	—	—	—	—	—	—	—	—	—
B-855 Toughwash <sup>™</sup>	—	●	—	—	—	—	—	—	—	—	—	—	—
B-717 Glossy Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-718 Glossy Low Profile Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-719 Matte Low Profile Static Dissipative Polyimide	—	●	—	—	—	—	—	—	—	—	—	—	—
B-7642 PermaSleeve <sup>®</sup> HX Wire Markers	●	—	—	●	—	—	—	—	—	—	—	—	—

Refer to the corresponding Tech Data Sheets for complete material information at [www.BradyID.com/techdata](http://www.BradyID.com/techdata).

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

All labels were created using the BBP®31 & BBP®33 Printers and are shown in their actual size.

B30C-1125-595-YL

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

**! WARNING**

**ARC FLASH AND SHOCK HAZARD**  
 WEAR APPROPRIATE PPE

- 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: F...



B33-75-427

B33-75-427

B33-9-427

PROPERTY OF  
 WELLS FARGO BANK  
 ASSET No.  
 10029-LCRI

PROPERTY OF  
 WELLS FARGO BANK  
 ASSET No.  
 10029-LCRI

PROPERTY OF  
 WELLS FARGO BANK  
 ASSET No.

Ø1467-I Ø1468-I Ø1469-I  
 Ø1467-I Ø1468-I Ø1469-I

Ø1464-I Ø1465-I Ø1466-I  
 Ø1464-I Ø1465-I Ø1466-I

11208588  
 11208587  
 11208586  
 11208585  
 11208584

USA, INC 19548077 GD

**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

FOR USE IN BOX MH23

B30EP-173-593-SV

**MCC MOTOR CONTROL STAMPING**

B30EP-177-593-YL

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

**WARNING**  
**HEALTH HAZARD**  
**RESPIRATOR REQUIRED!**

B30-245-595-NFPA

**Ethyl Acetate**  
 141-78-6  
**DANGER**

Health Hazard: 3  
 Fire Hazard: 1  
 Instability: 0  
 Specific Hazard: --

B30-261-7569-CLP4A

**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.



98-904-032  
 01-087-987

**Danger**  
 414-414-4141

9734531-56-0  
 123-467-9  
 231-649-87-0



369ml

BRADY CORPORATION  
 1122 NORTH TEST LANE  
 MILWAUKEE, WI 53206

COMMENTS  
 SECTION FOR  
 GHS

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

PNL 213, BRKRS 10-18

B30-25-595-ANSIWA

...atory System, Mucous Membranes, F  
 ...ft supervisor's office on the 1st floor, v  
**CHECK IF RESPIRATOR NEEDED**  
**SHEET FOR**

**UPPER BALE /**  
**AUTO-LOWE**  
**IN "RUN" MO**

BLANK PRE-PRINT HEADER :

11208588

11208587

11208586

11208585

11208584

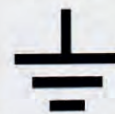


**PSM**  
 POWER SUPPLY  
 FOR MOTORS

**RL2**  
 RELAY #2



**SW1**  
 SWITCH #1



**SW3**  
 SWITCH #3

**SW2**  
 SWITCH #2



**C-7**

**CONTROL CENTER**  
**LINE**

**SPEED**  
 LO MED HI

AUTO RUN HAND FEED

B30EP-168-593-BK

B30EP-167-593-WT

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

**MELZER PRESS**  
**ULTRAVIOLET U**  
 380/220 VOLTS  
 50 AMP FUSES  
 BUS 129, SWITCH 236  
 THROUGH TRANSFORMER

B30C-2250-595-OR



**LUBE POINT  
1 PUMP WEEKLY**



B30C-1125-595-WT

HAZARD RATINGS

- 4 Severe
- 3 Serious
- 2 Moderate
- 1 Slight
- 0 Minimal

Paranasal

West wall

**DANGER**

**HARM  
TO  
EYES  
OR  
SKIN**



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  
Point**

B30C-2250-595-GN



B30C-2250-595-GN

**1  
UNIT**



**L.P. AIR 40 PS**

B30C-1125-595-BL

# Print Your Own Magnets

*The Ultimate Repositionable Label!*



B30C-2500-509-WT

B33-18-434

**BRADY** Serial No. VMG10044 Location: MILW-GHO  
Brady Corporation  
6555 West Good Hope Rd  
Milwaukee WI 53223 U.S.A.  
www.bradyid.com/bbp

Mfg. Date: 05-AUG-11

UL SF CE ✓ Made in U.S.A.

**BRADY** Serial No. VMG10043 Location: MILW-GHO  
Brady Corporation  
6555 West Good Hope Rd  
Milwaukee WI 53223 U.S.A.  
www.bradyid.com/bbp

Mfg. Date: 05-AUG-11

UL SF CE ✓ Made in U.S.A.

**BRADY** Serial No. VMG10042 Location: MILW-GHO  
Brady Corporation  
6555 West Good Hope Rd  
Milwaukee WI 53223 U.S.A.  
www.bradyid.com/bbp

Mfg. Date: 05-AUG-11

UL SF CE ✓ Made in U.S.A.

**BRADY** Serial No. VMG10041 Location: MILW-GHO  
Brady Corporation  
6555 West Good Hope Rd  
Milwaukee WI 53223 U.S.A.  
www.bradyid.com/bbp

Mfg. Date: 05-AUG-11

UL SF CE ✓ Made in U.S.A.

B33-164-481

S.S.S.  
02 - 19 - 1983

B33-68-498

Brady B-482  
Tissue Cassette Label

B33-103-457

010241

010240

010239

010238

010237

010236

010235

010234

010233

010232

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

B33-17-438

B30C-4250-551-WT

**WAREHOUSE KANBAN**

**PART # 102-94**

5 gal

3m11

311 to K150

#2 Prep Rack

GE RESIN PELLETS  
WHITE

# BBP<sup>®</sup>31 SIGN & LABEL PRINTER

BBP <sup>®</sup> 31 Sign & Label Printer Specifications	
Description	Produces Facility & Safety labels for indoor and up to 10-year outdoor use. Built-in auto-tape cut-off and full smart chip enabled supplies for hassle-free drop lock and print loading. Label rolls and ribbons drop & snap into place for 20-second total changeover time.
Applications & Other Comments	For facility ID such as signs, pipe markers, lean/5S, GHS labels, arc flash labels, equipment labels, reflective and glow-in-dark ID, tags, magnetic and panel labels. Widest selection of colored labels, colored ribbons and outdoor grade labels.
Recommended Throughput & Operational Hours*	600 2"x4" labels per day, 300 larger labels per day, 3 hrs / 5 days
Print Technology	Thermal Transfer
Print Resolution	300 dpi
Max Print Speed	3" per sec
Max Print Width	4.000"
Media Widths	0.500" to 4.250"
Minimum Label Dimension	0.500"
Color Capabilities	Monocolor
PC Connect or Stand Alone	PC Connect and Stand Alone
Connectivity Options	Standard: USB
Compatible Software	MarkWare <sup>™</sup> Software, Windows <sup>®</sup> 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 (Recommended)
PermaSleeve <sup>®</sup> Wire Marking Sleeves	No
Double-Sided PermaSleeve <sup>®</sup>	No
Custom Labels	No



Software-Printer compatibility.

## Brady Software

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



### MarkWare<sup>™</sup> Facility Identification Software Compatible with BBP<sup>®</sup>31 and BBP<sup>®</sup>33 printers.

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

For additional information visit [BradyID.com/markware](http://BradyID.com/markware)



### Labelmark<sup>™</sup> Labeling Software Compatible with BBP<sup>®</sup>33 printer only.

- Written specifically for wire and data comm ID, ADM labeling and general industrial applications.
- 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 [BradyID.com/labelmark](http://BradyID.com/labelmark)



### CodeSoft<sup>™</sup> Label Design Software Compatible with BBP<sup>®</sup>33 printer only.

- Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For additional information visit [BradyID.com/codesoft](http://BradyID.com/codesoft)

# BBP<sup>®</sup>33 LABEL PRINTER

BBP <sup>®</sup> 33 Label Printer Specifications							
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*	<table border="1"> <tr> <td>Wire ID &amp; Small OEM labels</td> <td>Safety labels</td> </tr> <tr> <td>1000 labels per day</td> <td>600 2" x 4" labels per day</td> </tr> <tr> <td>8 hours / 5 days</td> <td>300 larger labels per day</td> </tr> </table>	Wire ID & Small OEM labels	Safety labels	1000 labels per day	600 2" x 4" labels per day	8 hours / 5 days	300 larger labels per day
Wire ID & Small OEM labels	Safety labels						
1000 labels per day	600 2" x 4" labels per day						
8 hours / 5 days	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 <sup>™</sup> Software, MarkWare <sup>™</sup> Software, Codesoft <sup>™</sup> Software, Windows <sup>®</sup> 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 <sup>®</sup> PS, HT, HX and FR Wire Marking Sleeves	Yes
Double-Sided PermaSleeve <sup>®</sup>	Yes (with 2-pass reinsert of media)
Custom Labels	Yes (in approved Brady B numbers)

## Brady360<sup>®</sup> 5-Year Warranty

We have you Covered.



We always stand behind our products to make sure they exceed your expectations and to deliver you an unrivaled customer experience — that's why there is the Brady 360<sup>®</sup> program. 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.

This 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<sup>™</sup> model and handheld models.

See [BradyID.com/brady360](http://BradyID.com/brady360) for full coverage details & restrictions.

## BBP®31 Sign & Label Printer, Software and Tape Starter Packs

Catalog Number	Description
BBP31	BBP31 Sign & Label Maker*
BBP31-MWS	BBP31 Printer and MarkWare™ Std Software
BBP31-MWL	BBP31 Printer and MarkWare™ Lean Software
BBP31 Printer and Tape Starter Pack	
BBP31-ARCFLASH KIT	BBP31 Printer w/ Arc Flash Supply Kit
BBP31-SFTY KIT	BBP31 Printer w/ Safety & Compliance Supply Kit
BBP31-LEANVW KIT	BBP31 Printer w/ 5S Visual Workplace Supply Kit
BBP31-PIPE KIT	BBP31 Printer w/ Pipe ID Supply Kit
BBP31-GENIND KIT	BBP31 Printer w/ General Industrial 5S Supply Kit

\* BBP31 Sign & Label Printer ships with printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide, documentation holder and 5-year warranty.

**Current MarkWare owners:** Markware v3.8.1 required for use with BBP31. MarkWare v3.7 or higher required to upgrade to v3.8.1. Both upgrades are free and available at [www.BradyID.com](http://www.BradyID.com).



## BBP®33 Label Printer and Software

Catalog Number	Description
BBP33-C	BBP®33 Label Printer w/ Auto cutter
BBP33-C-LMP	BBP®33 Label Printer w/ Auto cutter and LabelMark™5 Software
BBP33-C-MWS	BBP®33 Label Printer w/ Auto cutter and MarkWare™ Software
BBP33-C-LMP-MWS	BBP®33 Label Printer w/ Auto cutter, LabelMark™5 Software and MarkWare™ Software

\* BBP33 Label Printer ships with printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide and 5-year warranty.

**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](http://www.BradyID.com).

**Current LabelMark owners:** The current version of 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](http://www.teklynx.com) for more info.



## BBP®31 & BBP®33 Label 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®31 Label Printer at [www.BradyID.com/bbp31](http://www.BradyID.com/bbp31).



Y1244494 MS1244494

U.S. Patent Nos. 5,823,689; 6,570,602; 8,542,155; 8,648,891.  
Additional Patents Pending.

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[www.BradyCanada.ca](http://www.BradyCanada.ca)

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