



i4311

PRODUCTIVITY UNPLUGGED

Benchtop performance meets portable power — only with the i4311

INDUSTRIAL LABEL PRINTER WITH PORTABILITY

PRINT EVERYTHING YOU NEED, where you need it

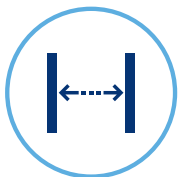
The first printer to deliver 4" (101.6mm) wide labelling without cords or limits

Both exceptionally versatile and built to travel, the i4311 Industrial Label Printer with Portability is redefining printing on the job. Print the labels you need up to 4" (101.6mm) wide, right where you need to, with an all-day battery and ergonomic carrying handle. And get the precision and ease of use that only come Brady printing technology.



Set Up Shop Anywhere

Eliminate wasted trips and time. Easily transport the lightweight i4311 (just 13 lbs (5.9kg) with battery) between jobsites or throughout a facility — and set up your print station where work happens.



Print Any Label You Need

Get the printer that will deliver all the right labels for the job, from small 0.25" (6.35mm) wide wire and server rack labels to 4" (101.6mm) wide pipe markers and arc flash labels.



Go All Day Without Plugging In

Its long-lasting, swappable battery lets you print up to 5,000 labels on a single charge to keep you on the job, not at a wall socket.




Frustration-Free, Guaranteed

Powered by LabelSense™ technology, the i4311 features automatic material recognition, setup and calibration — plus lets you connect any way you need and create labels from a phone, tablet or laptop.



▶ Scan to watch the i4311 overview video.



DESIGNED WITH YOU IN MIND

Finally, a printer that works the way your job demands

Developed through rigorous R&D and direct user feedback, the i4311 delivers performance and versatility you won't find anywhere else — all to eliminate your biggest labelling bottlenecks and frustrations.



SAFETY & FACILITY MANAGERS

Drive efficiency, minimise risk and boost compliance

- ▶ Eliminate time-consuming trips to printer stations across large facilities
- ▶ Ensure floor-to-ceiling compliance with a wide variety of labelling options
- ▶ Increase facility safety and organisation with professional, durable identification

Key applications:

- Safety labels, signs and tags
- Pipe marking
- Lean/5S
- Equipment labels



CONTRACTORS

Master the jobsite and your billable hours

- ▶ Skip time-wasting trailer trips and maximise billable time
- ▶ Label all day with full-shift battery power
- ▶ Confidently transport between jobs with its durable construction

Key applications:

- New equipment commissioning
- Control panel installation
- Arc flash
- Pipe marking



ORIGINAL EQUIPMENT MANUFACTURERS (OEM)

Seamlessly move between work cells and eliminate rework

- ▶ Easily integrate with existing software
- ▶ Reduce rework caused by incorrect or damaged labels
- ▶ Streamline production by creating component IDs right on the assembly line

Key applications:

- Wires
- Control panel installation
- Server racks
- Inventory management (VMI)



LABORATORY TECHNICIANS

Increase workflow speed while protecting data accuracy

- ▶ Eliminate setup time with LabelSense automatic material calibration
- ▶ Improve traceability with accurate, scannable identification
- ▶ Print durable labels that withstand chemicals and harsh environments

Key applications:

- Test tubes and vials
- Slides
- Microplates
- Safety signs and labels

REDEFINING WHAT'S POSSIBLE

Meet the industrial label printer that won't hold you back

Durable Design

Withstands the general wear and tear of industrial environments and transportation

Fully Connected

Connect seamlessly via Wi-Fi, Bluetooth BLE, USB-C, USB-A and Ethernet — or work directly onboard with Fill and Print templates

Folding Carrying Handle

Folds out for transportation and back in during operation

Up to 4" (101.6mm) Wide Labels

Delivers more labelling possibilities

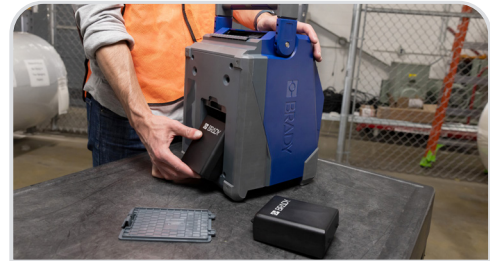


Big 7" (177.8mm) Colour Touchscreen

Colour, icons and clear instructions make navigation fast and intuitive

300 dpi

Prints deep, rich icons, graphics and small text



Removable Battery

Don't miss a minute of work — charge one while the other is in use (spare battery sold separately)



LabelSense™ Technology

Automates material detection and setup for effortless loading and calibration



Fast Charging

Battery goes from 0% to 100% charged in only 3.5 hours and lasts a full shift



Ergonomic Handle

Carry with confidence

Balanced, comfortable grip makes transportation effortless

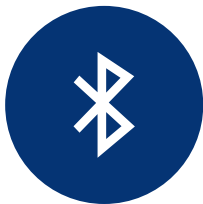
ALWAYS CONNECTED.

Never tied down.

You shouldn't have to choose between a powerful printer and a connected workflow. With the i4311, you get a full suite of options for seamless data transfer and label creation. It's a smarter, more flexible way to work with none of the compromise.



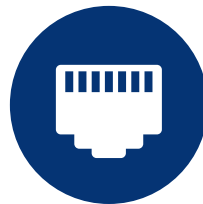
Connect to your data the way the job demands



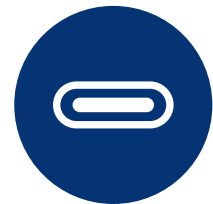
BLUETOOTH



WI-FI



ETHERNET



USB-C

Onboard templates. On-site freedom.

Work directly on the printer with
Fill and Print templates

- ▶ Perfect for use in areas without Wi-Fi or to streamline jobsite trips
- ▶ Instantly access templates on the printer's large colour display
- ▶ Fill in information and print labels right on the spot



Label creation made easy with included Express Labels app and Brady Workstation software

- ▶ 20+ barcode types
- ▶ 85+ fonts
- ▶ 1,400+ symbols
- ▶ Microsoft Excel data imports
- ▶ Label sequencing
- ▶ Label saving and sharing
- ▶ Accurate print preview
- ▶ Safety graphics
- ▶ Regulatory templates
- ▶ Voice to Text
- ▶ Image to Text
- ▶ Premade label layouts



Scan to download the
Express Labels app or visit
BradyID.com.au

Modernised integrations to fit your workflows



- ▶ **SOFTWARE DEVELOPMENT KIT (SDK)**
- ▶ **ZPL EMULATION***
- ▶ **WINDOWS® DRIVER SUPPORT**

* ZPL is a registered trademark of Zebra Technologies Corporation. Brady is not affiliated, associated, authorized, endorsed by, or in any way officially connected with Zebra Technologies Corporation.

Possibilities powered by **LABELSENSE**



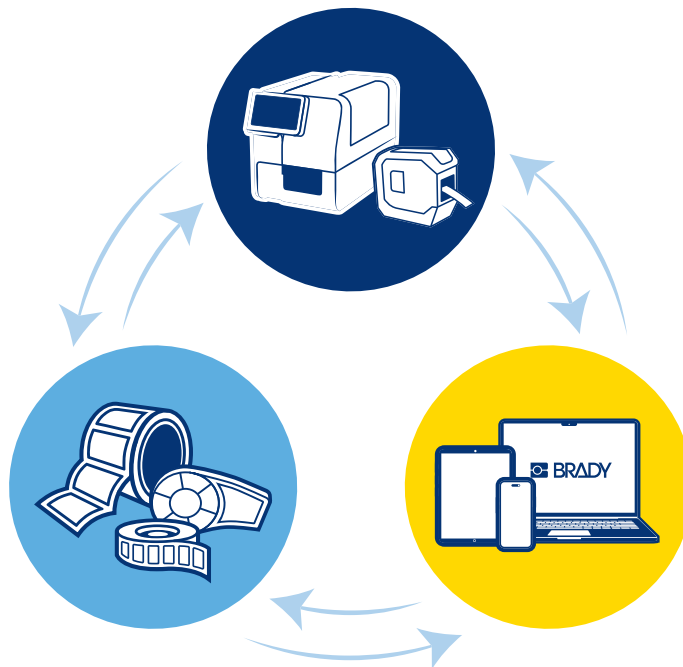
Automatic setup. Eliminated frustration.

Welcome to a printing experience you never thought was possible, powered by Brady's exclusive LabelSense™ technology. Our bi-directional communication system enables the printer, materials and Brady software to “talk” to each other to power many innovative, enhanced and automatic features you only get from Brady. Save time. Eliminate tasks. Reduce waste. You've never seen anything like this before.

INNOVATIVE PRINTING PERFORMANCE

Smart functionality meets mechanical cleverness

Designed to deliver easy, fast, no-waste printing and eliminate confusing, time-consuming tasks.



OPTIMISED BRADY MATERIALS

For a faster, easier labelling experience

LabelSense materials remove all the guesswork, ensuring premium print quality on the first label, on the first try.

LABEL CREATION SOFTWARE

A seamless path to print from any source

Optimized for use with Brady Workstation and Express Labels Mobile, and easily integrates with third-party software.



Print on the first label in no time, every time

Intelligent features eliminate errors, waste and delay

▶ Accurate, Fast Setup

Switch between materials in under 20 seconds. Just drop in the roll, and LabelSense takes care of the rest.

▶ Automatic Material Recognition

The i4311 knows what you drop in, immediately displaying the material type and size for accurate printing.

▶ Ready Right Away

Eliminate wasted labels — the i4311 is ready to print the label you need, correctly, the very first time.

▶ Constant Calibration

Printer settings automatically calibrate to the material to ensure optimised durability and legibility.

PACK THE POWER. Forget the cords.

Get exceptional printing performance
wherever the job takes you



i4311 Models and Software Options

Get the job done right with the i4311

- ▶ Quickly change over materials in under 20 seconds
- ▶ Print on the first label — no calibration required
- ▶ Durable construction for industrial environments
- ▶ Prints on a wide variety of labels up to 4" (101.6mm) wide
- ▶ Labels for almost any application
- ▶ All-day battery lasts a full shift



Maximise your i4311 printing experience using Brady Workstation label creation software and the Express Labels app.

Printer ships with Brady Workstation label creation software, Li-ion battery pack, AC adapter kit with USB-C cable, cleaning kit, mounting bracket and Quick Start Guide.

Part #	
178923	i4311 Printer, 300dpi, Brady Workstation Essentials Suite
178922	i4311 Printer, 300dpi, WiFi, BLE, Brady Workstation Essentials Suite
7031733	i4311 Printer, 300dpi, WiFi, BLE, Brady Workstation Design & Print Pro Suite
7031742	i4311 Printer, 300dpi, WiFi, BLE, Brady Workstation Essentials Suite + Starter Label Kit*

*Labels include B30-4000-595-TW (1), B30-4000-595-YL (1), B30-R10000 (2).

i4311 printers accept all B30/B33 series version V2 media.



Professional Grade. Premium Experience.
Add a multicolour printer with shape cutter

S3700 Industrial Label Printer

Pair the S3700 with the i4311 to cover every labelling need. The S3700 provides bold multicolour and precision shape cutting for comprehensive visual workplace safety. Empower every user to create vivid, custom signs, labels and tags from a centralised location.

PRINT RIBBONS

No threading. No waste. No hassle.

Say goodbye to trial and error. Brady smear-proof ribbons can't be inserted incorrectly. And LabelSense technology finishes the job for you with automatic setup and calibration for the easiest ribbon loading, operation and application available.



Prints that won't quit

Rely on Brady's specialised print ribbons with proprietary resin for prints that are tough, smear-proof and highly solvent-resistant.



5-second ribbon installation

- ▶ 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
- ▶ Tough, smear-proof ribbons withstand years in industrial areas and outdoor conditions

Colours and durability for every application

Part #	Catalog #	Colour	Size Inch (mm)	Length Feet (m)
118084	B30-R10000	Black	4.330 (109.9)	200 ft. (60.9 m)
118094	B30-R4300	Black	4.330 (109.9)	200 ft. (60.9 m)
149263	B30-R4900	Black	4.330 (109.9)	200 ft. (60.9 m)
118093	B30-R6000	Black	4.330 (109.9)	200 ft. (60.9 m)
143119	B30-R6200	Black	4.330 (109.9)	200 ft. (60.9 m)
152848	B30-R6300	Black	4.330 (109.9)	200 ft. (60.9 m)
143118	B30-R6400	Black	4.330 (109.9)	200 ft. (60.9 m)
118095	B30-R6600	Black	4.330 (109.9)	200 ft. (60.9 m)
118090	B30-R10000-WT	White	4.330 (109.9)	200 ft. (60.9 m)
118097	B30-R4400-WT	White	4.330 (109.9)	200 ft. (60.9 m)
133357	B30-R6700-WT	White	4.330 (109.9)	200 ft. (60.9 m)
149264	B30-R6800-WT	White**	4.330 (109.9)	200 ft. (60.9 m)
118089	B30-R10000-RD	Red***	4.330 (109.9)	200 ft. (60.9 m)
118086	B30-R10000-GN	Green***	4.330 (109.9)	200 ft. (60.9 m)
118085	B30-R10000-BL	Blue***	4.330 (109.9)	200 ft. (60.9 m)
118091	B30-R10000-YL	Yellow*/***	4.330 (109.9)	200 ft. (60.9 m)
118088	B30-R10000-OR	Orange***	4.330 (109.9)	200 ft. (60.9 m)
118087	B30-R10000-MA	Magenta***	4.330 (109.9)	200 ft. (60.9 m)

* B30-R10000-YL for printing yellow onto white.

** B30-R6800-WT for use with B-8117 black labels only.

*** Coloured ribbons optimised for use on white material. Test use on other material colours for suitability to your application.

Print Ribbon & Label Material Compatibility



To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

●	Recommended ribbon for use with respective material.
▲	Acceptable ribbon for use with respective material.
UL	Material is UL recognized with its respective ribbon.
CSA	Material is CSA approved with its respective ribbon.

B-# material		118094	149263	118093	143119	152848	143118	118095	118084	118097	133357	149264	118090	118091	118084
		B30-R4500	B30-R4900	B30-R6000	B30-R6200	B30-R6300	B30-R6400	B30-R6600	B30-R10000	B30-R4400-WT	B30-R6700-WT*	B30-R6800-WT***	B30-R10000-WT	B30-R10000-YL**	B30-R10000-****
B-342	Polyolefin	●	-	-	-	-	-	●	-	-	-	-	-	-	-
B-342 BLK	Polyolefin	-	-	-	-	-	-	-	-	-	●	-	-	-	-
B-344	Polyolefin	-	-	-	-	-	-	●	-	-	-	-	-	-	-
B-344 YEL	Polyolefin	●	-	-	-	-	-	●	-	-	-	-	-	-	-
B-344 BLK	Polyolefin	-	-	-	-	-	-	-	-	●	-	-	-	-	-
B-345	Polyolefin	-	-	▲	-	-	-	●	-	-	-	-	-	-	-
B-345 BLK	Polyolefin	-	-	-	-	-	-	-	-	●	●	-	-	-	-
B-403	Paper	●	-	-	-	-	-	-	-	-	-	-	-	-	-
B-413	Polyester	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-414	Printable VELCRO® Hook	-	-	●	●	-	-	-	-	-	-	-	-	-	-
B-417	Vinyl	● UL	-	-	-	-	-	-	-	-	-	-	-	-	-
B-422	Polyester	-	-	● UL / CSA	●	-	-	-	-	-	-	-	-	-	-
B-423	Polyester	-	-	● UL / CSA	▲	-	-	-	-	-	-	-	-	-	-
B-424	Paper	●	-	-	-	-	-	-	-	-	-	-	-	-	-
B-425	Polypropylene	● UL / CSA	-	-	-	-	● UL / CSA	-	-	-	-	-	-	-	-
B-427	Vinyl	● UL	-	-	-	-	-	-	-	-	-	-	-	-	-
B-428	Metallised Polyester	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-	-	-
B-430	Polyester	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-432	Clear Polyester	-	▲ UL	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-434A	Metallised Polyester	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-435A	Metallised Polyester	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-437	Polyvinylfluoride	●	-	-	●	-	-	-	-	-	-	-	-	-	-
B-437 YEL	Polyvinylfluoride	●	-	-	●	-	-	-	-	-	-	-	-	-	-
B-438	Metallised Polyester	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-	-	-
B-439	Vinyl	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-443	Polyester	-	-	-	-	-	● UL / CSA	-	-	-	-	-	-	-	-
B-461	Polyester	●	-	-	▲	-	-	-	-	-	-	-	-	-	-
B-472	Polyimide	●	-	-	●	-	-	-	-	-	-	-	-	-	-
B-473	Polyester	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-481	Polyester	-	-	-	-	-	●	-	-	-	-	-	-	-	-
B-483	Polyester	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-
B-483A	ToughStripe® Polyester	-	-	●	-	-	-	-	-	●	-	-	-	-	-
B-484A	Polyester	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-486B	Metallised Polyester	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-	-	-
B-489A	Polyester	● UL / CSA	-	-	-	-	-	-	-	-	-	-	-	-	-
B-490	Polyester	●	-	-	-	-	-	-	-	-	-	-	-	-	-
B-492	Polyester	-	-	-	-	-	●	-	-	-	-	-	-	-	-

For further material compatibility related to UL/CSA, see pages 21-25 or refer to Brady Tech Data Sheet for complete material performance specifications

Print Ribbon & Label Material Compatibility

(Continued)

●	Recommended ribbon for use with respective material.
▲	Acceptable ribbon for use with respective material.
UL	Material is UL recognized with its respective ribbon.
CSA	Material is CSA approved with its respective ribbon.

B-# material		118094	149263	118093	143119	152848	143118	118095	118084	118097	133357	149264	118090	118091	118084
		B30-R4300	B30-R4900	B30-R6000	B30-R6200	B30-R6300	B30-R6400	B30-R6600	B30-R10000	B30-R4400-WT	B30-R6700-WT*	B30-R6800-WT***	B30-R10000-WT	B30-R10000-YL**	B30-R10000****
B-494	Polyester	-	-	-	-	-	●	-	-	-	-	-	-	-	-
B-498	Repositionable Cloth	▲ UL	-	-	● UL	-	-	-	-	-	-	-	-	-	-
B-499	Nylon Cloth	▲ UL / CSA	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-509	Printable Magnetic	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-526	Photoluminescent Polyester	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-549	Polyester	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-569	Polyester	-	-	●	-	-	-	-	●	-	-	-	●	-	●
B-581	Repositionable Vinyl	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-584	Reflective	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-593	Polyester	-	-	●	-	-	-	-	-	●	-	-	-	-	-
B-595	Outdoor Vinyl	-	-	●	-	-	-	-	●	-	-	-	●	●	●
B-618	Polyester	-	● UL	● UL	-	-	-	-	-	-	-	-	-	-	-
B-711	Clear Polyester	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-712	Clear Polyester	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-718	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-719	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-724	Polyimide	●	-	-	-	-	-	-	-	-	-	-	-	-	-
B-728	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-729	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-767	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-777	Polyimide	-	-	-	-	● UL / CSA	-	-	-	-	-	-	-	-	-
B-797	Polyimide	-	-	● UL	-	-	-	-	-	-	-	-	-	-	-
B-851	Non-Adhesive Tag	-	-	●	-	-	-	-	●	-	-	-	-	-	●
B-854	ToughWash® Metal Detectable	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-855	ToughWash	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-7425	Polypropylene	▲	-	-	-	-	●	-	-	-	-	-	-	-	-
B-7425-AC	Polypropylene	▲	-	-	-	-	●	-	-	-	-	-	-	-	-
B-7569	Vinyl Film	-	-	●	-	-	-	-	●	-	-	-	-	-	-
B-7641	Polyolefin	-	-	●	-	-	-	●	-	-	-	-	-	-	-
B-7642	Polyolefin	●	-	-	-	-	●	-	-	-	-	-	-	-	-
B-7643	Polyurethane	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-8117	Black Polyester	-	-	-	-	-	-	-	-	▲ UL	-	● UL	-	-	-
B-8591	Outdoor Polyester	-	-	● UL	-	-	-	● UL	-	-	-	-	-	-	-
B-8591 _{SLV}	Outdoor Polyester	-	-	-	-	-	-	● UL	-	●	-	-	-	-	-
B-8591 _{BLK}	Outdoor Polyester	-	-	-	-	-	-	-	-	● UL	-	-	-	-	-

For further material compatibility related to UL/CSA, see pages 21-25 or refer to Brady Tech Data Sheet for complete material performance specifications

LABEL MATERIALS

Print with confidence on labels made for the job



Arc Flash



Panel and Enclosure ID



Equipment and LOTO Tags



GHS and Chemical



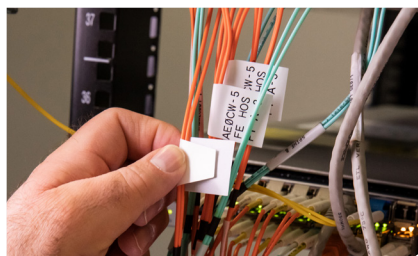
Lean/5S



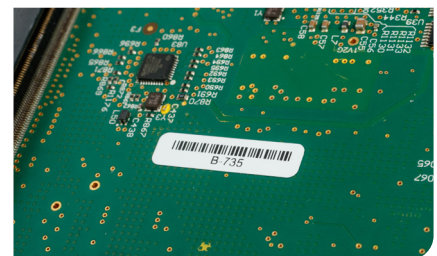
Safety Signs



Pipe Markers



Wire Markers



Circuit Board Labels



Barcode Labels



Inventory Management



Laboratory Labels

Materials for every application



The best results start with the right materials. Brady ensures purpose-built performance and durability.

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-342	PermaSleeve® Heat-Shrink Sleeves	Heat-shrinkable polyolefin wire and cable marking sleeve with a 3:1 shrink ratio. Fade-resistant and flame-retardant industrial, military grade sleeve.		•		•		-67° to 275°F	UL RoHS	48, 59
B-344	PermaSleeve® Fluid Resistant Heat-Shrink Sleeves	Heat-shrinkable, fluid-resistant polyolefin wire and cable marking sleeve with a 2:1 shrink ratio. Designed for exposure to fluids, lubricants and harsh chemicals such as in the installation of hydrogen fuel cells in aerospace.		•		•		-67° to 275°F	RoHS	50
B-345	PermaSleeve® High Temp Heat-Shrink Sleeves	Heat-shrinkable, high-temperature PVDF wire and cable marking sleeve with a 3:1 shrink ratio. Designed for high-temperature and low-outgassing applications.		•		•		-67° to 437°F	RoHS	51
B-403	Water-Dissolvable Paper	White water-dissolvable paper label for temporary labelling applications that require easy cleaning. Ideal for laboratory glassware.		•		•		-94° to 122°F	RoHS	66
B-413	Matte Faux Metallised Polyester	Silver polyester label with a strong, permanent adhesive and a metal appearance, but NON-METAL construction. Adhesive designed for flat surfaces that are textured or require increased adhesion. Ideal for non-metal applications for PCB and component identification, rating plates and product labels.		•		•		-94° to 248°F	UL RoHS	24, 25, 30
B-414	BradyGrip® Print-on Hook Material Featuring VELCRO® Brand Hook	Printable hook label material that affixes to VELCRO® Brand ONE-WRAP® rolls (sold separately). Ideal for repositionable and reusable cable bundle markers.			•		•	-40° to 122°F	RoHS	45
B-417	Aggressive Adhesive Self-Laminating Vinyl	Translucent vinyl label with extra strong permanent adhesive. The adhesive is designed to adhere in high humidity conditions, on smaller diameter wires and on challenging wire jacket materials, including Teflon, Silicone, braided and traditional PVC. Self-laminating formats feature a white printable zone and a non-printable clear tail that wraps around a wire, cable or tube to cover the printed, text offering protection from abrasion, water, oil and solvents.		•		•		-94° to 158°F	UL RoHS	43
B-422	Aggressive Adhesive Multi-Purpose Polyester	Polyester with a high-gloss finish and a stronger, 2-mil permanent acrylic adhesive. Adhesive is designed for flat surfaces that are textured or require increased adhesion. Ideal for barcoding, asset tracking, product labels and post-process PCB electronic component labelling.		•			•	-40° to 212°F	UL RoHS SF	28, 42
B-423	Multi-Purpose Polyester	Polyester with a high-gloss finish and a permanent acrylic adhesive. Excellent image quality and widely used for barcoding, asset tracking, product labels and post-process PCB electronic component labelling. Adheres best to flat surfaces. UL-rated for surfaces commonly used in solar panel manufacturing.		•			•	-94° to 248°F	UL RoHS SF	24
B-423/B-966B	PermaShield™ Overlaminating Polyester	The PermaShield™ construction is supplied as a standard B-423 polyester label with matching B-966B clear polyester overlaminate mounted beneath the label. The label is printed, removed from liner and applied to surface, and then the overlaminate is removed and applied over the label protecting printed text.		•			•	-94° to 248°F	RoHS	2, 33
B-424	Paper	Bright white paper label with a permanent latex adhesive. Excellent barcode read rates. Ideal for labelling applications requiring a low-cost, general-purpose labelling material.		•		•		-40° to 122°F	RoHS	34
B-425A	Chemical Resistant Matte Polypropylene	Polypropylene label with a permanent adhesive and excellent solvent resistance and print performance. Fuel-, oil-, chemical- and low-temperature resistant.		•		•		-94° to 212°F	RoHS	32, 59
B-427	Self-Laminating Vinyl	Translucent vinyl label with a permanent adhesive. Self-laminating format features a white printable zone and a non-printable clear tail that wraps around a wire, cable or tube to cover the printed text. Offers protection from abrasion, water, oil and solvents. Material conforms well to curved and rounded surfaces.		•		•		-94° to 158°F	UL RoHS	42, 44
B-428	Metallised Matte Polyester	Matte Metallised polyester with a permanent adhesive. Light gray, matte appearance. Adheres best to flat surfaces. Ideal for rating plates on products and panels, and general-purpose product labels.		•		•		-40° to 293°F	UL RoHS SF	30

For further ribbon compatibility related to UL / CSA, see pages 18-19 and refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-428/ B-966B	PermaShield™ Overlaminating Metallised Polyester	The PermaShield™ construction is supplied as a standard B-428 Metallised polyester label with matching B-966B clear polyester overlaminate mounted beneath the label. The label is printed, removed from liner and applied to surface. Then the overlaminate is removed and applied over the label to protect printed text.	●	•		•		-40° to 293°F	RoHS	33
B-430	Multi-Purpose Clear Polyester	Clear polyester with a high-gloss finish and a 1-mil permanent acrylic adhesive. It has excellent image quality and adheres best to flat surfaces.	⊙	•			•	-40° to 293°F	UL RoHS CE	24
B-432	Aggressive Adhesive Multi-Purpose Clear Polyester	Clear polyester with a high-gloss finish and a stronger, 2-mil permanent acrylic adhesive. It has excellent imaging quality and is designed for flat surfaces that are textured or require increased adhesion.	⊙	•			•	-40° to 212°F	UL RoHS CE	26
B-434A	Metallised Aggressive Adhesive Polyester	Glossy Metallised polyester with a stronger, 2-mil permanent adhesive. It has a high-gloss, silver appearance with excellent image quality. Adhesive is designed for flat surfaces that are textured or require increased adhesion. Ideal for rating plates, general-purpose product labels and asset tracking labels.	●	•			•	-40° to 194°F	UL RoHS CE	31, 40
B-435A	Metallised Polyester	Glossy Metallised polyester with a 1-mil permanent adhesive. It has a high-gloss, silver appearance and excellent imaging quality. It adheres best to flat surfaces and is ideal for rating plates and general-purpose product labels.	●	•			•	-40° to 194°F	UL RoHS CE	30
B-437	Self-Extinguishing Tedlar®	Heavy-duty Tedlar® label material with self-extinguishing features for wire and cable wrapping. It has excellent resistance to water, oil, chemicals and abrasion.	○ ●	•		•		-94° to 275°F	RoHS	47
B-438	Checkerboard Pattern Tamper Evident Matte Metallised Polyester	Tamper-indicating, Metallised polyester label that leaves an aggressive checkerboard adhesive pattern on the surface if label is removed. It has a matte, silver appearance with has excellent imaging quality for text, barcodes and symbols. It is designed for rating and serial plates, asset tracking labels and product ID such as warranty labels when anti-tampering and tamper-indicating features are desired.	●	•		•		-40° to 104°F	UL RoHS CE	32
B-439	Multi-Purpose Vinyl	Indoor- and outdoor-grade vinyl with a high-tack permanent adhesive. It is extremely pliable and highly conforming to rough and irregular surfaces, and has good chemical and abrasion resistance. Ideal for general-purpose labelling applications.	○	•			•	-94° to 176°F	RoHS	33, 62
B-443	Aggressive Adhesive Hi-Temp Chemical Resistant Polyester	Very durable matte polyester with excellent high-temp resistance and superior resistance to fluids and chemicals that are not high in pH value. Short term temp resistance to 410° F. Features a hybrid acrylic-rubber-based permanent adhesive and is self-extinguishing.	○	•		•		-94° to 248° F	UL	29
B-461	Self-Laminating Cryogenic Polyester	Ultra-thin profile label with a white printable area and a clear self-laminating tail. The clear label protects print and allows visibility of liquid level in a vial. It has excellent smudge resistance and solvent resistance, and performs well in laboratory environments with liquid nitrogen, autoclave, freezer and hot water bath applications when laminated around itself.	⊙	•		•		-320° to 320°F check TDS for specific applications	RoHS	64
B-472	High Temp Flame Retardant Polyimide	Heavy-duty, high-temperature label designed to self-extinguish and prevent flames from propagating. This material is flexible, conforming and repositionable for wire and cable wrapping where high-temperature and self-extinguishing properties are required. Excellent resistance to water, oil, chemicals and abrasion.	○ ●	•		•		-94° to 320°F	RoHS	47
B-473	Standard Adhesive Electrostatic Dissipative Polyester	Glossy polyester label that is ideal for post-process labelling of circuit boards and electronic components. Features both a static dissipative permanent adhesive and a static dissipative release liner. Surface resistivity values are in the recommended range for ESD packing materials. Meets requirement of EIA-541 "Packaging Material Standards for ESD Sensitive Items". This material is ideal for circuit board and component identification, and is fuel, oil, chemical, high- and low-temperature resistant.	○	•			•	-40° to 248°F	UL RoHS UL ⚠	29
B-481	StainerBondz™ Microscope Slide Polyester	Designed as a label for microscope slides that are exposed to laboratory staining processes. This material is chemical resistant.	○	•		•		-112° to 266°F	RoHS	63

For further ribbon compatibility related to UL / CSA, see pages 18-19 and refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-483A	Ultra Aggressive Adhesive Multi-Purpose Polyester	Polyester with high-gloss finish and ultra-aggressive, permanent acrylic adhesive. Designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Gloss version of B-489.	○	•			•	-40° to 248°F	UL RoHS SF*	27
B-484A	Flexible Aggressive Adhesive Multi-Purpose Polyester	Polyester with a glossy finish and a stronger, permanent acrylic adhesive. Similar to B-483, but with a thinner construction to facilitate high adhesion to flat, curved or angular surfaces, and surfaces that are textured, powder coated or low-surface energy.	○	•			•	-40° to 248°F	UL RoHS	26, 40, 41
B-486B	Ultra Aggressive Adhesive Metallised Matte Polyester	Matte Metallised polyester with an ultra-aggressive, permanent adhesive. It has a light gray, matte appearance. Designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Ideal for panel rating plates, product labels and asset-tracking labels.	●	•		•		-40° to 248°F	UL RoHS SF*	31, 40
B-489A	Ultra Aggressive Adhesive Multi-Purpose Matte Polyester	Ultra polyester with an ultra-aggressive, permanent adhesive. It is designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Matte version of B-483.	○	•		•		-94° to 248°F	UL RoHS SF*	27
B-490	FreezerBondz™ Cryogenic Polyester	FreezerBondz™ material is designed for use in laboratory identification, including liquid nitrogen and freezer applications. Adheres to room-temperature, frozen or frosted tubes and vials when wrapped around itself by at least 1/8 inch.	○	•		•		-320° to 320°F check TDS for specific applications	RoHS	64
B-492	FreezerBondz™ Ultra-Thin Cryogenic Polyester	Ultra-thin FreezerBondz™ material is designed to withstand extreme laboratory temperatures, including liquid nitrogen and freezer applications. Adheres to room-temperature, frozen or frosted tubes, vials and canes.	○	•		•		-320° to 230°F check TDS for specific applications	RoHS	64
B-494	Coloured Lab Polyester	Glossy white polyester with a pre-printed coloured border. This material allows for differentiation and colour coding of test specimens within processes. In vial and vial top configuration, the vial top label is a solid colour. Withstands freezer applications and has superior chemical resistance when printed with the Brady Series R6400 black ribbon.		•			•	-320° to 158°F	RoHS	65
B-498	Repositionable Multi-Purpose Vinyl Cloth	Vinyl cloth with an aggressive and repositionable adhesive for wire and cable wraps and general-purpose labelling applications. Label adheres with excellent holding power, yet can be easily and cleanly removed and repositioned.	○		•		•	-40° to 175°F	UL RoHS	41, 46, 62
B-499	Aggressive Adhesive Multi-Purpose Nylon Cloth	Nylon cloth with a permanent adhesive for wire and cable wraps and general-purpose labelling applications. It has a higher upper-temperature limit than vinyl wire labels. Ideal for environments where heat, cold, oil and dirt are present. Also ideal for laboratory vial identification.	○	•			•	-40° to 230°F	UL RoHS SF*	41, 62, 65, 67
B-509	Magnetic Polyester (repositionable)	A thick, non-adhesive magnetic material with a printable vinyl topcoat. The easiest and quickest material for repositioning and reusing labels.	○ ●		•	•		-0° to 158°F	RoHS	59
B-526	BradyGlo™ High Intensity Glow-in-the-Dark Polyester	Printable BradyGlo™ photoluminescent polyester tape is for glow-in-the-dark identification for up to 10 hours. Ideal for marking emergency shut-offs and controls markings, supplemental evacuation labels and marking emergency equipment.	●	•			•	-40° to 140°F	RoHS	60
B-549	Cold Temperature Application Multi-Purpose Polyester	Cold-temperature polyester material permanently adheres to frozen surfaces. Can be applied in temperatures as low as -10°F, and stays adhered in -40°F temperatures.	○ ●	•		•		-40° to 212°F	RoHS	61
B-569	Low-Halide Multi-Purpose Polyester	Low-halide polyester label material with a permanent adhesive. It is designed for stainless steel pipes and stainless steel surfaces, and is best suited for smooth, clean, flat surfaces.		•			•	-40° to 212°F	RoHS	61, 65

For further ribbon compatibility related to UL / CSA, see pages 18-19 and refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-581	Repositionable Multi-Purpose Vinyl	Durable vinyl label with repositionable adhesive.		•	•			-40° to 180°F	RoHS	60
B-584	All-Weather Reflective	Printable retroreflective tape. This is highly reflective material that shines back brightly when struck by light. Ideal for low-light and inclement-weather viewing applications.		•			•	-40° to 158°F	RoHS	59
B-593	Raised Profile Foam-backed Polyester	High-gloss polyester label with a thick, raised profile and an ultra-aggressive permanent adhesive. Designed as a high-performance low-cost alternative to engraved plates and push-button labels on panels and enclosures. Ideal for labelling small components inside panels.		•			•	-4° to 212°F	UL, RoHS	38, 39, 41
B-595	All Weather Vinyl	Indoor- and outdoor-grade vinyl with a permanent adhesive in a wide range of colours. Durable, pliable and highly conforming to rough and irregular surfaces.		•			•	-40° to 180°F	RoHS	55, 56, 62, 67
B-618	Multi-Purpose Matte Polyester	Matte polyester for general-purpose applications requiring good solvent and heat resistance.		•		•		-94° to 248°F	UL, RoHS	24
B-711	One Step Protect™ Clear Polyester Window Label	Backside-printed clear polyester label with adhesive only around the clear border, leaving a non-adhesive protective window in the center. Ideal for when protected label text is desired without the need to apply a separate overlaminat.		•			•	-112° to 248°F	RoHS	33
B-712	One Step Protect™ Clear Polyester Window Label with White Border	Backside-printed clear polyester label with adhesive only around the white border, leaving a non-adhesive protective window in the center. Ideal for when protected label text is desired without the need to apply a separate overlaminat.		•			•	-112° to 248°F	RoHS	33
B-718	Ultra-Thin Electrostatic Dissipative Polyimide	Glossy 1-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. It is designed to withstand the various processes, fluxes and cleaning solvents in the manufacture of printed circuit boards. UL Recognized to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free ribbon.		•			•	-94° to 572°F check TDS for temp duration details	UL, RoHS,	36
B-719	Ultra-Thin Matte Electrostatic Dissipative Matte Polyimide	Matte 1-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. It is designed for circuit board and electronic component pre-process labelling. Matte topcoat provides excellent resistance to solder balling. UL Recognized to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free and Series R4700 ribbons.		•		•		-94° to 572°F check TDS for temp duration details	UL, RoHS,	36
B-724	Ultra High Temp Matte Amber Polyimide	Extreme, high-temperature polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.		•		•		-94° to 626°F check TDS for temp duration details	RoHS	37
B-728	High Temp Matte Polyimide	Matte polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matte topcoat provides excellent resistance to solder balling. Can be used for top- or bottom-side component or board identification.		•		•		-94° to 572°F check TDS for temp duration details	UL, RoHS	35
B-729	Ultra-Thin High Temp Matte Polyimide	Low profile matte polyimide label for pre-process circuit board identification.		•		•		-94° to 572°F check TDS for temp duration details	UL, RoHS	35
B-7425	Chemical and Temperature Resistant Matte Polypropylene	Designed for laboratory applications that expose the label to liquid nitrogen, auto-clave and other harsh environments. Can be applied to both curved or flat surfaces.		•		•		-112° to 250°F check TDS for specific applications	RoHS	64

For further ribbon compatibility related to UL/CSA, see pages 18-19 and refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-7425-AC	Sterilisation Indicating Autoclave Polypropylene	All-white polypropylene label with hidden text header that appears "STERILISED" when exposed to autoclave conditions. Withstands extremely low and high lab temps making it ideal for sample tracking and labelling items that need to be sterilised.	○	•		•		-320.8° to 249.8°F check TDS for specific applications	RoHS	64
B-7569	General Purpose Vinyl	Durable vinyl label with permanent adhesive.	○	•			•	-4° to 167°F	RoHS	61, 67
B-7641	PermaSleeve® Low Smoke Zero Halogen Heat-Shrink Sleeve	Heat-shrinkable, low halogen polyolefin wire and cable marking sleeve with 2:1 shrink ratio. Offers excellent fire safety characteristics combined with minimal smoke emission. This material is abrasion resistant.	○ ●	•		•		-67° to 221°F	RoHS	52
B-7642	PermaSleeve® 2:1 Heat-Shrink Sleeve	Heat-shrinkable polyolefin wire and cable marking sleeve with a 2:1 shrink ratio. This material is high-temperature rated, highly flame retardant, and a very flexible industrial- and military-grade sleeve.	○	•		•		-40° to 248°F	RoHS	53
B-7643	Zero Halogen Polyurethane Tag Stock	Zero-halogen, non-adhesive polyurethane cable marker tag. Tags feature pre-cut holes in the corners to allow zip-tie fastening to a cable or wire harness bundle.	○ ●	n/a	n/a	•		-40° to 193°F	RoHS	53
B-767	Electrostatic Dissipative Polyimide	Glossy 2-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. Designed for use in circuit board and electronic component pre-process labelling. UL Recognized to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free ribbon.	○	•			•	-94° to 572°F check TDS for temp duration details	UL RoHS	36
B-777	Non-Reflow Non-Preheat High Temp Polyimide	No-reflow, no-preheat polyimide label with a permanent adhesive. Ideal for boards that go through multiple harsh-condition washes, when used with Brady B30-R6300 Ribbon.	○	•			•	-94° to 572°F check TDS for temp duration details	UL RoHS	37
B-797	High Temp Polyimide	Glossy polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Glossy topcoat provides excellent contrast and smear resistance.	○	•			•	-94° to 572°F check TDS for temp duration detail	UL RoHS	35
B-8117	Multi-Purpose Matte Black Polyester	Matte black polyester label with a permanent adhesive for high heat and chemical resistance.	●	•		•		-112° to 248°F	UL RoHS	24, 40
B-851	Heavy Duty Non-adhesive Tag Stock	A durable, non-adhesive plastic tag material. Ideal for safety and general-purpose industrial hang-tags, as well as lockout tagout applications. Meets OSHA 50 lb. pull test.	○ ● ● ● ● ●	n/a	n/a	•		-40° to 193°F	RoHS	54
B-854	ToughWash® Metal Detectable Washdown Resistant Polyester	Metal-detectable ToughWash® washdown-resistant label with a permanent adhesive. This material features a metal-detectable layer to allow detection in the food stream. Withstands numerous cycles of harsh chemicals, heat and heavy moisture.	○ ●	•		•		-40° to 230°F	RoHS	58
B-855	ToughWash® Washdown Resistant Polyester	ToughWash® washdown-resistant label with a permanent adhesive. Withstands numerous cycles of harsh chemicals, heat and heavy moisture. Abrasion, fuel, oil, chemical, high- and low-temperature resistant.	○ ●	•		•		-40° to 230°F	RoHS	58
B-8591	Aggressive Adhesive All-Weather Outdoor Polyester	Outdoor durable polyester label for product, component and asset identification. Best for smooth surfaces.	○ ● ● ●	•			•	-94° to 266°F	UL (except silver) RoHS (all)	28, 30, 40

For further ribbon compatibility related to UL / CSA, see pages 18-19 and refer to Brady Tech Data Sheet for complete material performance specifications

Standard Adhesive Polyester Labels (B-423, B-618, B-430, B-413, B-8117)

- For general purpose identification, product labels and post-process circuit board identification
- Adheres best to flat, smooth surfaces. Consult technical data sheet for UL / CSA ratings and complete performance and testing details
- **0.20" (5.08mm) dimension parts for use in i5300 only**

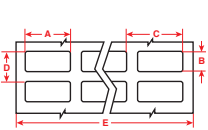
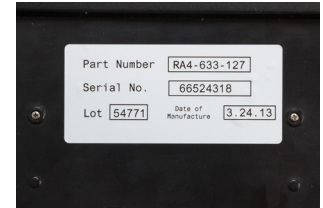


Figure 1

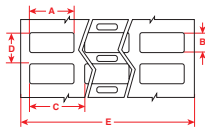


Figure 1d

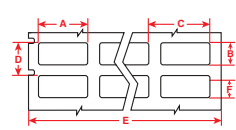


Figure 1e

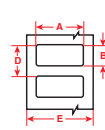


Figure 2

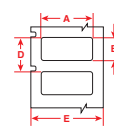


Figure 2c

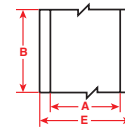


Figure 3a

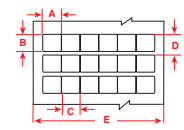


Figure 4

Diagram	Part #	Description	Colour	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
Multi-purpose gloss polyester (B-423)											
Fig. 1	152989	B33-70-423	Gloss White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 4	133774	B33-11-423	Gloss White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15,000	B30-R6000
Fig. 1	152830	B33-340-423	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1d	152844	B33-343-423	Gloss White	0.500 (12.7)	0.200 (5.0)	0.625 (15.8)	0.325 (8.2)	3.200 (81.3)	5	10,000	B30-R6000
Fig. 1	152991	B33-12-423	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	133801	B33-149-423	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1d	152976	B33-341-423	Gloss White	0.650 (16.5)	0.200 (5.0)	0.700 (17.7)	0.325 (8.2)	2.950 (74.9)	4	10,000	B30-R6000
Fig. 1	133788	B33-1-423	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R6000
Fig. 2	133871	B33-46-423	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5,000	B30-R6000
Fig. 1	152977	B33-2-423	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	133877	B33-49-423	Gloss White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	5,000	B30-R6000
Fig. 1	152981	B33-51-423	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	133769	B33-103-423	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5,000	B30-R6000
Fig. 1	133852	B33-3-423	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	143076	B33-5-423	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	152979	B33-13-423	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	133864	B33-43-423	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	B30-R6000
Fig. 1	133845	B33-29-423	Gloss White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5,000	B30-R6000
Fig. 1	152978	B33-4-423	Gloss White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Fig. 2	133868	B33-45-423	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5,000	B30-R6000
Fig. 1	152990	B33-147-423	Gloss White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.475 (12.1)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	152992	B33-37-423	Gloss White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	152993	B33-6-423	Gloss White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	133961	B33-72-423	Gloss White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	5,000	B30-R6000
Fig. 2	152980	B33-15-423	Gloss White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	3,200	B30-R6000
Fig. 2	133882	B33-53-423	Gloss White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	143087	B33-17-423	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 3a	152999	B30C-2000-423	Gloss White	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.250 (57.2)	1	1 roll (cont.)	B30-R6000
Fig. 2	152994	B33-7-423	Gloss White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	143081	B33-18-423	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 3a	153000	B30C-3000-423	Gloss White	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.250 (82.6)	1	1 roll (cont.)	B30-R6000
Fig. 2	133827	B33-19-423	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	152997	B33-20-423	Gloss White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.1)	3.200 (81.3)	1	350	B30-R6000
Fig. 3a	143578	B30C-4000-423	Gloss White	4.000 (101.6)	150 ft. (45.7 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R6000
Fig. 2	133893	B33-55-423	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	152995	B33-76-423	Gloss White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Fig. 2	152996	B33-161-423	Gloss White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	450	B30-R6000
Fig. 2	152998	B33-25-423	Gloss White	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	300	B30-R6000
Multi-purpose matte polyester (B-618)											
Fig. 1	153241	B33-12-618	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	153242	B33-5-618	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153243	B33-37-618	Matte White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	153245	B33-6-618	Matte White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	153244	B33-53-618	Matte White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	153246	B33-17-618	Matte White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2	153248	B33-7-618	Matte White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	153247	B33-18-618	Matte White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.5)	3.350 (85.1)	1	1,500	B30-R6000
Fig. 2	153249	B33-19-618	Matte White	3.000 (76.2)	2.000 (50.8)	-	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Fig. 2	153250	B33-55-618	Matte White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	153251	B33-76-618	Matte White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000

Diagram	Part #	Description	Colour	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
Multi-purpose gloss clear polyester (B-430)											
Fig. 1e	153431	B33-12-430	Clear	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1e	133887	B33-5-430	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1e	153432	B33-37-430	Clear	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1e	153435	B33-6-430	Clear	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2c	153433	B33-53-430	Clear	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2c	142885	B33-17-430	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2c	153436	B33-7-430	Clear	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2c	142886	B33-18-430	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 3a	153438	B33C-3000-430	Clear	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R6000
Fig. 2c	153437	B33-19-430	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Multi-purpose matte black polyester (B-8117)											
Fig. 1	153328	B33-70-8117	Matte Black	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6800-WT
Fig. 1	153331	B33-12-8117	Matte Black	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6800-WT
Fig. 1d	153326	B33-341-8117	Matte Black	0.650 (16.5)	0.200 (5.0)	0.700 (17.7)	0.325 (8.2)	2.950 (74.9)	4	10,000	B30-R6800-WT
Fig. 1	153327	B33-1-8117	Matte Black	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6800-WT
Fig. 1	153329	B33-3-8117	Matte Black	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	7,000	B30-R6800-WT
Fig. 1	153332	B33-5-8117	Matte Black	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6800-WT
Fig. 1	153330	B33-147-8117	Matte Black	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.475 (12.1)	3.350 (85.1)	2	5,000	B30-R6800-WT
Fig. 1	153333	B33-37-8117	Matte Black	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	3,300	B30-R6800-WT
Fig. 1	153335	B33-6-8117	Matte Black	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	2,500	B30-R6800-WT
Fig. 2	153334	B33-53-8117	Matte Black	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	1,900	B30-R6800-WT
Fig. 2	153352	B33-17-8117	Matte Black	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.5)	2.200 (55.9)	1	1,000	B30-R6800-WT
Fig. 2	153354	B33-7-8117	Matte Black	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	750	B30-R6800-WT
Fig. 2	153353	B33-18-8117	Matte Black	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.5)	3.350 (85.1)	1	1,000	B30-R6800-WT
Fig. 2	153355	B33-19-8117	Matte Black	3.000 (76.2)	2.000 (50.8)	-	2.125 (53.9)	3.200 (81.3)	1	500	B30-R6800-WT
Fig. 2	153356	B33-55-8117	Matte Black	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	500	B30-R6800-WT
Fig. 2	153357	B33-76-8117	Matte Black	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	330	B30-R6800-WT
Fig. 2	176732	B33-161-8117	Matte Black	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	300	B30-R6800-WT
Fig. 2	176733	B33-25-8117	Matte Black	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	200	B30-R6800-WT
Multi-purpose matte silver polyester with metal appearance but non-metal construction (B-413)											
Fig. 1	153132	B33-5-413	Matte Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153133	B33-37-413	Matte Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	153135	B33-6-413	Matte Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	153134	B33-53-413	Matte Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	152871	B33-17-413	Matte Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 3a	153140	B33C-2000-413	Matte Silver	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.200 (55.9)	1	1 roll (cont.)	B30-R6000
Fig. 2	153137	B33-7-413	Matte Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	153136	B33-18-413	Matte Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.5)	3.350 (85.1)	1	1,500	B30-R6000
Fig. 3a	153141	B33C-3000-413	Matte Silver	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R6000
Fig. 2	153138	B33-19-413	Matte Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Fig. 3a	153142	B33C-4000-413	Matte Silver	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R6000
Fig. 2	153139	B33-55-413	Matte Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	750	B30-R6000

Aggressive Adhesive Polyester Labels (B-422, B-432, B-484A)

- For general purpose identification, product labels, rating plates and post-process circuit board ID
- For adhesion to flat and smooth or textured surfaces. Consult technical data sheet for UL / CSA ratings and complete performance and testing details

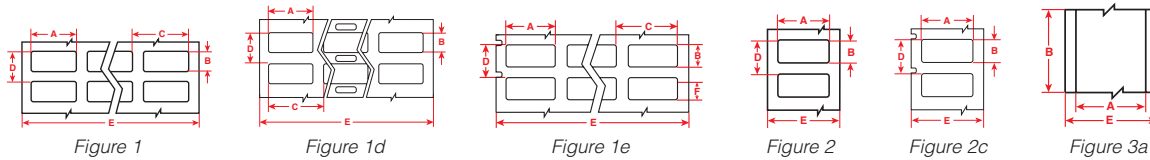
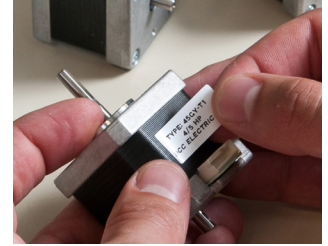


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Gloss polyester with aggressive adhesive for textured surfaces (B-422)											
Fig. 1	152967	B33-70-422	Gloss White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	152969	B33-340-422	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1d	152961	B33-343-422	Gloss White	0.500 (12.7)	0.200 (5.0)	0.625 (15.8)	0.325 (8.2)	3.200 (81.3)	5	10,000	B30-R6000
Fig. 1	152970	B33-12-422	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	133800	B33-149-422	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1d	152960	B33-341-422	Gloss White	0.650 (16.5)	0.200 (5.0)	0.700 (17.7)	0.325 (8.2)	2.950 (74.9)	4	10,000	B30-R6000
Fig. 1	152962	B33-1-422	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 1	152963	B33-2-422	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	152966	B33-51-422	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	152968	B33-3-422	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	133886	B33-5-422	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	152964	B33-13-422	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 1	133797	B33-147-422	Gloss White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.500 (12.7)	1.700 (43.2)	2	2,500	B30-R6000
Fig. 2	133768	B33-102-422	Gloss White	1.500 (38.1)	0.375 (9.5)	-	0.500 (12.7)	1.700 (43.2)	1	2,500	B30-R6000
Fig. 1	152971	B33-37-422	Gloss White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	3,500	B30-R6000
Fig. 1	152973	B33-6-422	Gloss White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,600	B30-R6000
Fig. 2	133957	B33-136-422	Gloss White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1,500	B30-R6000
Fig. 2	152965	B33-15-422	Gloss White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	3,200	B30-R6000
Fig. 2	152972	B33-53-422	Gloss White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	133815	B33-17-422	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2	152974	B33-7-422	Gloss White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	133822	B33-18-422	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	133826	B33-19-422	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	152975	B33-55-422	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	500	B30-R6000
Fig. 2	133973	B33-76-422	Gloss White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	500	B30-R6000
High adhesion clear polyester with stronger adhesive for textured surfaces (B-432)											
Fig. 1e	153439	B33-12-432	Clear	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1e	133803	B33-149-432	Clear	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1e	122072	B33-5-432	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	1,075	B30-R6000
Fig. 1e	153440	B33-37-432	Clear	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1e	153442	B33-6-432	Clear	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2c	153441	B33-53-432	Clear	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2c	143003	B33-17-432	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2c	153443	B33-7-432	Clear	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2c	143004	B33-18-432	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2c	143054	B33-19-432	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 3a	145292	B30C-4000-432	Clear	4.000 (101.6)	120 ft. (36.6 m)	-	-	4.250 (108.0)	1	1 roll (cont.)	B30-R6000
High adhesion flexible polyester for conforming to textured and angular or uneven surfaces (B-484A)											
Fig. 2	133786	B33-125-484	Gloss White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1,500	B30-R6000
Fig. 1	133892	B33-5-484	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 2	133787	B33-136-484	Gloss White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1,500	B30-R6000
Fig. 2	133816	B33-17-484	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2	133824	B33-18-484	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	133830	B33-19-484	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 3a	145295	B30C-4000-484	Gloss White	4.000 (101.6)	150 ft. (45.7 m)	-	-	4.250 (108.0)	1	1 roll (cont.)	B30-R6000
Fig. 2	153114	B33-55-484	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	176728	B33-76-484	Gloss White	4.000 (101.6)	3.000 (76.2)	-	6.125 (155.5)	4.200 (106.7)	1	600	B30-R6000
Fig. 2	153115	B33-161-484	Gloss White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	350	B30-R6000
Fig. 2	176729	B33-25-484	Gloss White	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	325	B30-R6000

Ultra Aggressive Adhesive Polyester Labels (B-483A, B-489A)

- Ideal for general purpose identification, product labels, rating plates and post-process circuit board ID
- Very high adhesion to flat and smooth or highly textured, rough or powder-coated surfaces. Consult technical data sheet for UL / CSA ratings and complete performance and testing details

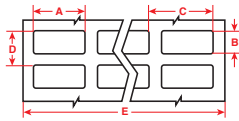


Figure 1

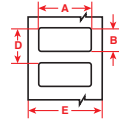


Figure 2

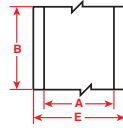


Figure 3a



Diagram	Part #	Description	Colour	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
Gloss polyester with ultra aggressive adhesive for highly textured surfaces (B-483A)											
Fig. 1	152861	B33-12-483	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	133806	B33-149-483	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1	143075	B33-5-483	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	152862	B33-37-483	Gloss White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	152864	B33-6-483	Gloss White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	152863	B33-53-483	Gloss White	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	143084	B33-17-483	Gloss White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2	133965	B33-7-483	Gloss White	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	143079	B33-18-483	Gloss White	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	142956	B33-19-483	Gloss White	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 3a	143580	B30C-4000-483	Gloss White	4.000 (101.6)	130 ft. (39.6 m)	–	–	4.250 (108.0)	1	1 roll (cont.)	B30-R6000
Fig. 2	133897	B33-55-483	Gloss White	4.000 (101.6)	2.000 (50.8)	–	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	152865	B33-76-483	Gloss White	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Matte polyester with ultra aggressive adhesive for highly textured surfaces (B-489A)											
Fig. 1	153116	B33-12-489	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R4300
Fig. 1	143062	B33-5-489	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	153117	B33-37-489	Matte White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R4300
Fig. 1	153119	B33-6-489	Matte White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R4300
Fig. 2	153118	B33-53-489	Matte White	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4300
Fig. 2	142969	B33-17-489	Matte White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 2	153120	B33-7-489	Matte White	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	143052	B33-18-489	Matte White	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R4300
Fig. 2	142958	B33-19-489	Matte White	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 3a	143581	B30C-4000-489	Matte White	4.000 (101.6)	130 ft. (39.6 m)	–	–	4.250 (108.0)	1	1 roll (cont.)	B30-R4300
Fig. 2	153121	B33-55-489	Matte White	4.000 (101.6)	2.000 (50.8)	–	2.125 (53.9)	4.200 (106.7)	1	750	B30-R4300
Fig. 2	153122	B33-76-489	Matte White	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	500	B30-R4300

Aggressive Adhesive All-Weather 12-Year Outdoor Polyester (B-8591)

- Outdoor durable low-halogen polyester that resists UV, abrasion and fluids for 12-year average outdoor durability
- Adheres best to flat surfaces and is ideal for outdoor panels, enclosures and equipment
- Consult technical data sheet for UL / CSA ratings, approved print ribbons, and complete weatherability and chemical testing details

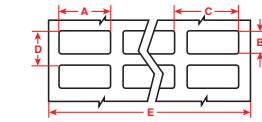


Figure 1

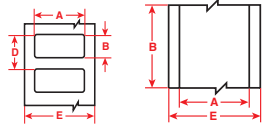


Figure 2

Figure 3a



Diagram	Part #	Description	Colour	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
Fig. 1	151396	B33-11-8591-WT	White	0.250 (6.4)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	12	10,000	B30-R6600
Fig. 1	151424	B33-5-8591-WT	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,500	B30-R6600
Fig. 2	151436	B33-179-8591-WT	White	1.000 (25.4)	1.000 (25.4)	-	1.125 (27.9)	1.200 (30.5)	1	1,500	B30-R6600
Fig. 1	152945	B33-37-8591-WT	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R6600
Fig. 1	151428	B33-6-8591-WT	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,500	B30-R6600
Fig. 2	152946	B33-53-8591-WT	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6600
Fig. 2	151404	B33-17-8591-WT	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (29.2)	2.200 (55.9)	1	1,500	B30-R6600
Fig. 3a	152949	B33C-2000-8591-WT	White	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.200 (55.9)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151416	B33C-3000-8591-WT	White	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151391	B33C-4000-8591-WT	White	1.000 (25.4)	100 ft. (30.5 m)	-	-	3.350 (85.1)	1	1 roll (cont.)	B30-R6600
Fig. 2	152947	B33-7-8591-WT	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6600
Fig. 2	151408	B33-18-8591-WT	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (29.2)	3.200 (81.3)	1	1,500	B30-R6600
Fig. 2	151412	B33-19-8591-WT	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	750	B30-R6600
Fig. 2	151420	B33-55-8591-WT	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6600
Fig. 2	152948	B33-76-8591-WT	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151400	B33-161-8591-WT	White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151432	B33-25-8591-WT	White	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.6)	4.200 (106.7)	1	250	B30-R6600
Fig. 1	151394	B33-11-8591-BK	Black	0.250 (6.4)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	12	10,000	B30-R4400-WT
Fig. 1	151422	B33-5-8591-BK	Black	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,500	B30-R4400-WT
Fig. 2	151434	B33-179-8591-BK	Black	1.000 (25.4)	1.000 (25.4)	-	1.100 (27.9)	1.200 (30.5)	1	1,500	B30-R4400-WT
Fig. 1	152940	B33-37-8591-BK	Black	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R4400-WT
Fig. 1	151426	B33-6-8591-BK	Black	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,500	B30-R4400-WT
Fig. 2	152941	B33-53-8591-BK	Black	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4400-WT
Fig. 2	151402	B33-17-8591-BK	Black	2.000 (50.8)	1.000 (25.4)	-	1.125 (29.2)	2.200 (55.9)	1	1,500	B30-R4400-WT
Fig. 3a	152944	B33C-2000-8591-BK	Black	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.200 (55.9)	1	1 roll (cont.)	B30-R4400-WT
Fig. 3a	151414	B33C-3000-8591-BK	Black	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R4400-WT
Fig. 3a	151390	B33C-4000-8591-BK	Black	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R4400-WT
Fig. 2	152942	B33-7-8591-BK	Black	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4400-WT
Fig. 2	151406	B33-18-8591-BK	Black	3.000 (76.2)	1.000 (25.4)	-	-	3.200 (81.3)	1	1,500	B30-R4400-WT
Fig. 2	151410	B33-19-8591-BK	Black	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	750	B30-R4400-WT
Fig. 2	151418	B33-55-8591-BK	Black	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R4400-WT
Fig. 2	152943	B33-76-8591-BK	Black	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R4400-WT
Fig. 2	151398	B33-161-8591-BK	Black	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	400	B30-R4400-WT
Fig. 2	151430	B33-25-8591-BK	Black	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.6)	4.200 (106.7)	1	250	B30-R4400-WT
Fig. 1	151395	B33-11-8591-SL	Silver	0.250 (6.4)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	12	10,000	B30-R6600
Fig. 1	151423	B33-5-8591-SL	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,500	B30-R6600
Fig. 2	151435	B33-179-8591-SL	Silver	1.000 (25.4)	1.000 (25.4)	-	1.100 (27.9)	1.200 (30.5)	1	1,500	B30-R6600
Fig. 1	152935	B33-37-8591-SL	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R6600
Fig. 1	151427	B33-6-8591-SL	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,500	B30-R6600
Fig. 2	152936	B33-53-8591-SL	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6600
Fig. 2	151403	B33-17-8591-SL	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (29.2)	2.200 (55.9)	1	1,500	B30-R6600
Fig. 3a	152939	B33C-2000-8591-SL	Silver	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.200 (55.9)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151415	B33C-3000-8591-SL	Silver	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151392	B33C-4000-8591-SL	Silver	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R6600
Fig. 2	152937	B33-7-8591-SL	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6600
Fig. 2	151407	B33-18-8591-SL	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (29.2)	3.200 (81.3)	1	1,500	B30-R6600
Fig. 2	151411	B33-19-8591-SL	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	750	B30-R6600
Fig. 2	151419	B33-55-8591-SL	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6600
Fig. 2	152938	B33-76-8591-SL	Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151399	B33-161-8591-SL	Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151431	B33-25-8591-SL	Silver	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.6)	4.200 (106.7)	1	250	B30-R6600
Fig. 1	151397	B33-11-8591-YL	Yellow	0.250 (6.4)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	12	10,000	B30-R6600
Fig. 1	151425	B33-5-8591-YL	Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,500	B30-R6600
Fig. 2	151437	B33-179-8591-YL	Yellow	1.000 (25.4)	1.000 (25.4)	-	1.100 (27.9)	1.200 (30.5)	1	1,500	B30-R6600
Fig. 1	152930	B33-37-8591-YL	Yellow	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R6600
Fig. 1	151429	B33-6-8591-YL	Yellow	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,500	B30-R6600
Fig. 2	152931	B33-53-8591-YL	Yellow	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6600
Fig. 2	151405	B33-17-8591-YL	Yellow	2.000 (50.8)	1.000 (25.4)	-	1.125 (29.2)	2.200 (55.9)	1	1,500	B30-R6600
Fig. 1	152934	B33C-2000-8591-YL	Yellow	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.200 (55.9)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151417	B33C-3000-8591-YL	Yellow	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.200 (81.3)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151393	B33C-4000-8591-YL	Yellow	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R6600

Diagram	Part #	Description	Colour	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
Fig. 2	152932	B33-7-8591-YL	Yellow	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6600
Fig. 2	151409	B33-18-8591-YL	Yellow	3.000 (76.2)	1.000 (25.4)	–	1.125 (29.2)	3.200 (81.3)	1	1,500	B30-R6600
Fig. 2	151413	B33-19-8591-YL	Yellow	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	750	B30-R6600
Fig. 2	151421	B33-55-8591-YL	Yellow	4.000 (101.6)	2.000 (50.8)	–	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6600
Fig. 2	152933	B33-76-8591-YL	Yellow	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151401	B33-161-8591-YL	Yellow	4.000 (101.6)	4.000 (101.6)	–	4.125 (104.8)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151433	B33-25-8591-YL	Yellow	4.000 (101.6)	6.000 (152.4)	–	6.125 (155.6)	4.200 (106.7)	1	250	B30-R6600

Aggressive Adhesive, High-Temp Chemical-Resistant Polyester (B-443)

- For labelling applications where chemical-resistance, self-extinguishing and short-term high-temp properties are required
- Superior resistance to chemicals and fluids that do not have a high pH value
- Excellent long-term temperature resistance and very high short-term temperature resistance to 410°F
- Best for flat and smooth or textured surfaces
- Consult technical data sheet for complete testing and performance details

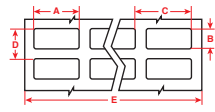


Figure 1

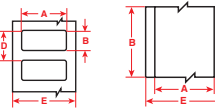


Figure 2

Figure 3a



Diagram	Part #	Description	Colour	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
Fig. 1	153269	B33-12-443	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6400
Fig. 1	153266	B33-5-443	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6400
Fig. 1	153276	B33-147-443	Matte White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.475 (12.1)	3.350 (85.1)	2	5,000	B30-R6400
Fig. 1	153272	B33-37-443	Matte White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6400
Fig. 1	153267	B33-6-443	Matte White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6400
Fig. 2	153273	B33-53-443	Matte White	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6400
Fig. 2	153270	B33-17-443	Matte White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6400
Fig. 3a	153277	B30C-2000-443	Matte White	2.000 (50.8)	100 ft. (30.5 m)	–	–	2.250 (57.2)	1	1 roll (cont.)	B30-R6400
Fig. 2	153268	B33-7-443	Matte White	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6400
Fig. 2	152872	B33-18-443	Matte White	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.5)	3.350 (85.1)	1	1,500	B30-R6400
Fig. 3a	153278	B30C-3000-443	Matte White	3.000 (76.2)	100 ft. (30.5 m)	–	–	3.250 (82.6)	1	1 roll (cont.)	B30-R6400
Fig. 2	153271	B33-19-443	Matte White	3.000 (76.2)	2.000 (50.8)	–	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6400
Fig. 3a	153279	B30C-4000-443	Matte White	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.250 (107.6)	1	1 roll (cont.)	B30-R6400
Fig. 2	153274	B33-55-443	Matte White	4.000 (101.6)	2.000 (50.8)	–	2.125 (53.9)	4.200 (106.7)	1	750	B30-R6400
Fig. 2	153275	B33-76-443	Matte White	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6400

Standard Adhesive Electrostatic Dissipative Polyester (B-473)

- Ideal for labelling electronic components, packaging and post-process circuit boards
- Features both a static dissipative permanent adhesive and a static dissipative release liner and surface resistivity values are in the recommended range for ESD packing materials (EIA-541 "Packaging Material Standards for ESD Sensitive Items")
- Consult technical data sheet for UL / CSA ratings and complete performance details

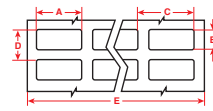


Figure 1

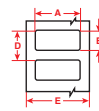


Figure 2

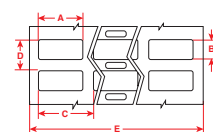


Figure 1d

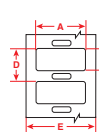


Figure 2d



Diagram	Part #	Description	Colour	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
Fig. 1	153425	B33-70-473	Gloss White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	153427	B33-340-473	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 2d	152846	B33-344-473	Gloss White	0.500 (0.0)	0.200 (0.0)	–	0.325 (8.2)	0.850 (21.6)	1	3,700	B30-R6000
Fig. 1d	152845	B33-343-473	Gloss White	0.500 (12.7)	0.200 (5.0)	0.625 (15.8)	0.325 (8.2)	3.200 (81.3)	5	10,000	B30-R6000
Fig. 1	153428	B33-12-473	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1d	153418	B33-341-473	Gloss White	0.650 (16.5)	0.200 (5.0)	0.700 (17.7)	0.325 (8.2)	2.950 (74.9)	4	10,000	B30-R6000
Fig. 1	153419	B33-1-473	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 1	153420	B33-2-473	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	153424	B33-51-473	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	153426	B33-3-473	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	153429	B33-5-473	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153422	B33-13-473	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	5,000	B30-R6000
Fig. 1	153421	B33-4-473	Gloss White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Fig. 2	153423	B33-15-473	Gloss White	2.000 (50.8)	0.250 (6.4)	–	0.375 (9.5)	2.200 (55.9)	1	3,200	B30-R6000
Fig. 2	153430	B33-17-473	Gloss White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6000

Standard Adhesive Metallised Polyester Labels

(B-428, B-435A, B-413, B-8591)

- For labelling applications where a metal label or metal appearance is required
- Ideal for rating plates and product labels
- Adheres best to flat, smooth surfaces
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

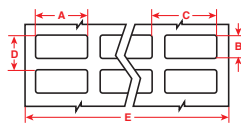


Figure 1

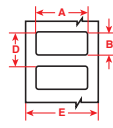


Figure 2

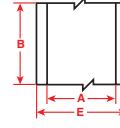


Figure 3a



Diagram	Part #	Description	Colour	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
Matte light gray metallised polyester (B-428)											
Fig. 1	142880	B33-5-428	Matte Lt. Gray	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	153389	B33-37-428	Matte Lt. Gray	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R4300
Fig. 1	153390	B33-6-428	Matte Lt. Gray	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,000	B30-R4300
Fig. 2	133884	B33-53-428	Matte Lt. Gray	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4300
Fig. 2	143085	B33-17-428	Matte Lt. Gray	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 3a	153394	B30C-2000-428	Matte Lt. Gray	2.000 (50.8)	100 ft. (30.5 m)	–	–	2.250 (57.2)	1	1 roll (cont.)	B30-R4300
Fig. 2	153391	B33-7-428	Matte Lt. Gray	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	142881	B33-18-428	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R4300
Fig. 2	133828	B33-19-428	Matte Lt. Gray	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 3a	133996	B33C-3000-428	Matte Lt. Gray	3.000 (76.2)	85 ft. (25.9m)	–	–	3.400 (86.4)	1	1 roll (cont.)	B30-R4300
Fig. 3a	145300	B30C-4000-428	Matte Lt. Gray	4.000 (101.6)	130 ft. (39.6m)	–	–	4.200 (106.7)	1	1 roll (cont.)	B30-R4300
Fig. 2	153392	B33-55-428	Matte Lt. Gray	4.000 (101.6)	2.000 (50.8)	–	2.125 (53.9)	4.200 (106.7)	1	500	B30-R4300
Fig. 2	153393	B33-161-428	Matte Lt. Gray	4.000 (101.6)	4.000 (101.6)	–	4.125 (104.7)	4.200 (106.7)	1	300	B30-R4300
High gloss silver metallised polyester (B-435A)											
Fig. 1	153365	B33-5-435	Gloss Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153373	B33-37-435	Gloss Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	153375	B33-6-435	Gloss Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	153374	B33-53-435	Gloss Silver	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	153376	B33-17-435	Gloss Silver	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 3	153379	B33C-2000-435	Gloss Silver	2.000 (50.8)	100 ft. (30.5 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R6000
Fig. 2	153377	B33-7-435	Gloss Silver	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	133823	B33-18-435	Gloss Silver	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 3a	153380	B33C-3000-435	Gloss Silver	3.000 (76.2)	100 ft. (30.5 m)	–	–	3.200 (81.3)	1	1 roll (cont.)	B30-R6000
Fig. 2	133829	B33-19-435	Gloss Silver	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	133896	B33-55-435	Gloss Silver	4.000 (101.6)	2.000 (50.8)	–	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	153378	B33-161-435	Gloss Silver	4.000 (101.6)	4.000 (101.6)	–	4.125 (104.7)	4.200 (106.7)	1	350	B30-R6000
Matte silver metallic-looking polyester but non-metal construction (B-413)											
Fig. 1	153132	B33-5-413	Matte Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153133	B33-37-413	Matte Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	153135	B33-6-413	Matte Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	153134	B33-53-413	Matte Silver	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	152871	B33-17-413	Matte Silver	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.5)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 3a	153140	B33C-2000-413	Matte Silver	2.000 (50.8)	100 ft. (30.5 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R6000
Fig. 2	153137	B33-7-413	Matte Silver	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	153136	B33-18-413	Matte Silver	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.5)	3.350 (85.1)	1	1,500	B30-R6000
Fig. 3a	153141	B33C-3000-413	Matte Silver	3.000 (76.2)	100 ft. (30.5 m)	–	–	3.200 (81.3)	1	1 roll (cont.)	B30-R6000
Fig. 2	153138	B33-19-413	Matte Silver	3.000 (76.2)	2.000 (50.8)	–	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Fig. 3a	153142	B33C-4000-413	Matte Silver	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.200 (106.7)	1	1 roll (cont.)	B30-R6000
Fig. 2	153139	B33-55-413	Matte Silver	4.000 (101.6)	2.000 (50.8)	–	2.125 (53.9)	4.200 (106.7)	1	750	B30-R6000
Outdoor grade matte silver metallic-looking polyester but non-metal construction (B-8591)											
Fig. 1	151395	B33-11-8591-SL	Silver	0.250 (6.4)	0.250 (6.4)	–	0.375 (9.5)	3.200 (81.3)	12	10,000	B30-R6600
Fig. 1	151423	B33-5-8591-SL	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,500	B30-R6600
Fig. 2	151435	B33-179-8591-SL	Silver	1.000 (25.4)	1.000 (25.4)	–	1.100 (27.9)	1.200 (30.5)	1	1,500	B30-R6600
Fig. 1	152935	B33-37-8591-SL	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R6600
Fig. 1	151427	B33-6-8591-SL	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,500	B30-R6600
Fig. 2	152936	B33-53-8591-SL	Silver	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6600
Fig. 2	151403	B33-17-8591-SL	Silver	2.000 (50.8)	1.000 (25.4)	–	1.125 (29.2)	2.200 (55.9)	1	1,500	B30-R6600
Fig. 3a	152939	B33C-2000-8591-SL	Silver	2.000 (50.8)	100 ft. (30.5 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151415	B33C-3000-8591-SL	Silver	3.000 (76.2)	100 ft. (30.5 m)	–	–	3.200 (81.3)	1	1 roll (cont.)	B30-R6600
Fig. 3a	151392	B33C-4000-8591-SL	Silver	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.200 (106.7)	1	1 roll (cont.)	B30-R6600
Fig. 2	152937	B33-7-8591-SL	Silver	2.750 (69.9)	1.250 (31.8)	–	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6600
Fig. 2	151407	B33-18-8591-SL	Silver	3.000 (76.2)	1.000 (25.4)	–	1.125 (29.2)	3.200 (81.3)	1	1,500	B30-R6600
Fig. 2	151411	B33-19-8591-SL	Silver	3.000 (76.2)	2.000 (50.8)	–	2.125 (54.0)	3.200 (81.3)	1	750	B30-R6600
Fig. 2	151419	B33-55-8591-SL	Silver	4.000 (101.6)	2.000 (50.8)	–	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6600
Fig. 2	152938	B33-76-8591-SL	Silver	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151399	B33-161-8591-SL	Silver	4.000 (101.6)	4.000 (101.6)	–	4.125 (104.8)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151431	B33-25-8591-SL	Silver	4.000 (101.6)	6.000 (152.4)	–	6.125 (155.6)	4.200 (106.7)	1	250	B30-R6600

Aggressive Adhesive Metallised Polyester Labels (B-434A)

- Ideal for rating plates and product labels
- Adheres best to flat and smooth or textured surfaces or when extra adhesion is required
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

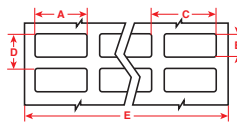


Figure 1

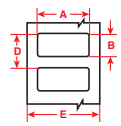


Figure 2

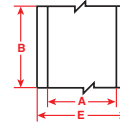


Figure 3a



Diagram	Part #	Description	Colour	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
High gloss silver metallised polyester with aggressive adhesive for textured surfaces (B-434A)											
Fig. 1	142963	B33-5-434	Gloss Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	153358	B33-37-434	Gloss Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	153360	B33-6-434	Gloss Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	133958	B33-136-434	Gloss Silver	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1,500	B30-R6000
Fig. 2	153359	B33-53-434	Gloss Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	142968	B33-17-434	Gloss Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 3a	153363	B30C-2000-434	Gloss Silver	2.000 (50.8)	100 ft. (30.5 m)	-	-	2.250 (57.2)	1	1 roll (cont.)	B30-R6000
Fig. 2	153361	B33-7-434	Gloss Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 2	142954	B33-18-434	Gloss Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 3a	153364	B30C-3000-434	Gloss Silver	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.250 (82.6)	1	1 roll (cont.)	B30-R6000
Fig. 2	142955	B33-19-434	Gloss Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 3a	145293	B30C-4000-434	Gloss Silver	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R6000
Fig. 2	133895	B33-55-434	Gloss Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	176730	B33-76-434	Gloss Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Fig. 2	153362	B33-161-434	Gloss Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	350	B30-R6000
Fig. 2	176731	B33-25-434	Gloss Silver	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	275	B30-R6000

Ultra Aggressive Adhesive Metallised Polyester Labels (B-486B)

- Ideal for electrical panel rating plates, product labels and asset ID tracking labels
- Very high adhesion to flat and smooth or highly textured, rough or powder-coated surfaces. Consult technical data sheet for UL / CSA ratings and complete performance and testing details

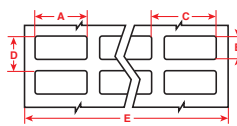


Figure 1

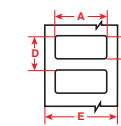


Figure 2

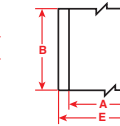


Figure 3a



Diagram	Part #	Description	Colour	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
Matte light gray metallised polyester with ultra aggressive adhesive for highly textured surfaces (B-486B)											
Fig. 2	133954	B33-59-486	Matte Lt. Gray	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	B30-R4300
Fig. 1	142879	B33-5-486	Matte Lt. Gray	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	153395	B33-37-486	Matte Lt. Gray	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	4,000	B30-R4300
Fig. 1	153396	B33-6-486	Matte Lt. Gray	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,000	B30-R4300
Fig. 2	133885	B33-53-486	Matte Lt. Gray	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4300
Fig. 2	143083	B33-17-486	Matte Lt. Gray	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,300	B30-R4300
Fig. 2	133966	B33-7-486	Matte Lt. Gray	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	143078	B33-18-486	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,300	B30-R4300
Fig. 2	142957	B33-19-486	Matte Lt. Gray	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 3a	145294	B30C-4000-486	Matte Lt. Gray	4.000 (101.6)	100 ft. (30.5 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R4300
Fig. 2	153397	B33-55-486	Matte Lt. Gray	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	500	B30-R4300
Fig. 2	133975	B33-76-486	Matte Lt. Gray	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	500	B30-R4300
Fig. 2	133812	B33-161-486	Matte Lt. Gray	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	250	B30-R4300

Tamper-Evident Checkerboard Pattern Metallised Polyester Labels (B-438)

- Leaves an aggressive adhesive checkerboard pattern on the surface if label is removed with a matching pattern on the removed label to prevent it from being reused
- Ideal for asset tracking labels and warranty labels on products
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

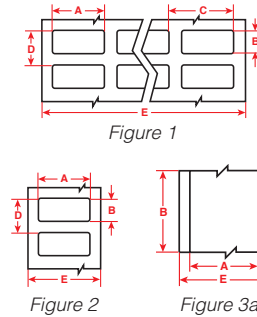


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	153381	B33-5-438	Matte Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R4300
Fig. 1	153382	B33-37-438	Matte Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R4300
Fig. 1	153385	B33-6-438	Matte Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R4300
Fig. 2	153383	B33-53-438	Matte Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4300
Fig. 2	118076	B30-17-438	Matte Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.500 (63.5)	1	1,225	B30-R4300
Fig. 2	153386	B33-7-438	Matte Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	118077	B30-18-438	Matte Silver	3.000 (76.2)	1.000 (25.4)	-	1.250 (31.8)	3.250 (82.6)	1	1,225	B30-R4300
Fig. 3a	118014	B30C-3000-438-SL	Matte Silver	3.000 (76.2)	100 ft. (30.5 m)	-	-	3.250 (82.6)	1	1 roll (cont.)	B30-R4300
Fig. 2	118078	B30-222-438	Matte Silver	2.000 (50.8)	2.000 (50.8)	-	2.250 (57.2)	3.250 (82.6)	1	650	B30-R4300
Fig. 2	153387	B33-55-438	Matte Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	750	B30-R4300
Fig. 2	153388	B33-76-438	Matte Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R4300

Chemical and Solvent Resistant Matte Polypropylene Labels (B-425A)

- Excellent solvent, fuel oil and liquids resistance
- Also has write-on ability for printed labels that require future hand-written data be added
- Flexible material conforms to irregular surfaces better than most polyester materials
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

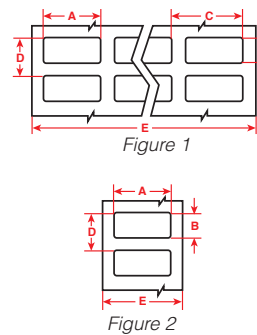


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	142962	B33-5-425	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	153321	B33-6-425	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R4300
Fig. 2	153320	B33-53-425	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,000	B30-R4300
Fig. 2	142891	B33-17-425	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 2	153322	B33-7-425	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	142892	B33-18-425	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R4300
Fig. 2	143053	B33-19-425	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 2	153325	B33-20-425	White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.1)	3.200 (81.3)	1	250	B30-R4300
Fig. 2	153323	B33-55-425	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	600	B30-R4300
Fig. 2	153324	B33-76-425	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R4300

PermaShield™ Overlaminating Labels with Standard Adhesion (B-423/B-966B, B-428/B-966B)

- Supplied as a standard label with matching clear polyester overlaminate mounted beneath the label
- The label is printed, removed from liner and applied to surface, and then the overlaminate is removed and applied over the label protecting printed text
- Overlaminating sized to extend slightly beyond the dimension of the printed label
- Excellent abrasion and environmental resistance
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

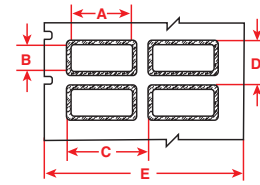


Figure 10b

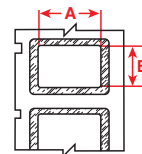


Figure 40



Diagram	Part #	Description	Colour	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
PermaShield™ Overlaminating Polyester (B-423/B-966B)											
Fig. 10b	152875	B33-22-423	Gloss White	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.5)	3.350 (85.1)	2	2,000	B30-R6000
Fig. 10b	152874	B33-23-423	Gloss White	2.000 (50.8)	1.000 (25.4)	–	1.375 (34.9)	2.450 (62.2)	1	800	B30-R6000
Fig. 10b	152876	B33-24-423	Gloss White	2.750 (69.9)	1.750 (44.4)	–	2.125 (53.9)	3.200 (81.3)	1	500	B30-R6000
PermaShield™ Overlaminating Metallised Polyester (B-428/B-966B)											
Fig. 40	152877	B33-22-428	Matte Lt. Gray	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.5)	3.350 (85.1)	2	1,700	B30-R4300
Fig. 40	152878	B33-23-428	Matte Lt. Gray	2.000 (50.8)	1.000 (25.4)	–	1.375 (34.9)	2.450 (62.2)	1	700	B30-R4300
Fig. 40	152879	B33-24-428	Matte Lt. Gray	2.750 (69.9)	1.750 (44.4)	–	2.125 (53.9)	3.200 (81.3)	1	450	B30-R4300

Clear Polyester Window Label with Protected Graphics (B-711, B-712)

- Backside printed clear label that provides protected printed content
- Center clear printable area is not adhesive, surrounding border area is permanent adhesive
- Resists scratches and chemicals – no overlaminate needed as it's printed on the back

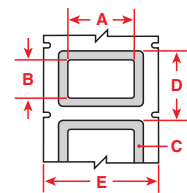


Figure 92



Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Polyester with non-adhesive clear center window and Clear adhesive border (B-711)										
Fig. 92	176194	B33-382-711	Clear	1.000 (25.4)	0.750 (19.1)	1.000 (25.4)	1.400 (35.6)	1	750	B30-R6000
Fig. 92	176198	B33-383-711	Clear	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.400 (60.9)	1	750	B30-R6000
Polyester with non-adhesive clear center window and white adhesive border (B-712)										
Fig. 92	176193	B33-382-712	Clear	1.000 (25.4)	0.750 (19.1)	1.000 (25.4)	1.400 (35.6)	1	750	B30-R6000
Fig. 92	176197	B33-383-712	Clear	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.400 (60.9)	1	750	B30-R6000

Aggressive Adhesive General Purpose Vinyl Die-Cut Labels (B-439)

- Indoor and outdoor grade vinyl with high-tack permanent adhesive
- Extremely pliable and highly conforming to rough and irregular surfaces with good chemical and abrasion resistance
- Ideal for general purpose warehouse and industrial labelling when label size consistency and a die-cut put-up is desired
- Not UL / CSA rated
- Consult technical data sheet for complete performance and testing details

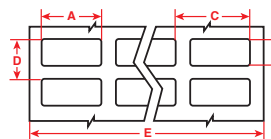


Figure 1

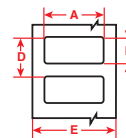


Figure 2



Diagram	Part #	Description	Colour	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
Fig. 1	152853	B33-5-439	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	152857	B33-37-439	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 2	152858	B33-53-439	White	2.000 (50.8)	0.500 (12.7)	–	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	152854	B33-17-439	White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.5)	2.200 (55.9)	1	1,000	B30-R6000
Fig. 2	152855	B33-18-439	White	3.000 (76.2)	1.000 (25.4)	–	1.125 (28.5)	3.350 (85.1)	1	1,000	B30-R6000
Fig. 2	152856	B33-19-439	White	3.000 (76.2)	2.000 (50.8)	–	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Fig. 2	152859	B33-55-439	White	4.000 (101.6)	2.000 (50.8)	–	2.125 (53.9)	4.200 (106.7)	1	700	B30-R6000
Fig. 2	152860	B33-76-439	White	4.000 (101.6)	3.000 (76.2)	–	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000

Paper Labels

(B-424)

- Economical choice for light duty part labelling, box labels and general identification
- Bright white finish with excellent image contrast and smear resistance for barcode printing

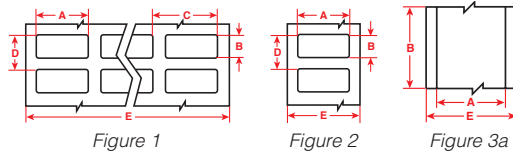


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	153292	B33-5-424	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (65.0)	3	9,000	B30-R4300
Fig. 1	153293	B33-37-424	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	6,000	B30-R4300
Fig. 1	153294	B33-6-424	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	4,000	B30-R4300
Fig. 2	133883	B33-53-424	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R4300
Fig. 2	143086	B33-17-424	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	-	1	1,500	B30-R4300
Fig. 2	133964	B33-7-424	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	143080	B33-18-424	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	-	1	1,500	B30-R4300
Fig. 3a	153295	B30C-3000-424	White	3.000 (76.2)	150 ft. (45.8m)	-	-	3.250 (82.6)	1	1 roll (cont.)	B30-R4300
Fig. 2	143070	B33-19-424	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	-	1	500	B30-R4300
Fig. 2	133832	B33-20-424	White	3.000 (76.2)	5.000 (127)	-	5.125 (130.2)	3.200 (81.3)	1	250	B30-R4300
Fig. 3a	145298	B30C-4000-424	White	4.000 (101.6)	150 ft. (45.8 m)	-	-	4.200 (106.7)	1	1 roll (cont.)	B30-R4300
Fig. 2	133894	B33-55-424	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R4300
Fig. 2	143069	B33-25-424	White	4.000 (101.6)	6.000 (152.4)	6.125 (155.6)	4.200 (106.7)	-	1	350	B30-R4300

High-Temp Polyimide Labels (B-797, B-728, B-729)

- For pre-process circuit board identification
- Designed to withstand processes, fluxes and solvents used in circuit board manufacturing
- Consult technical data sheet for detailed performance, compliance and ribbon usage information

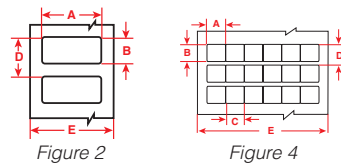
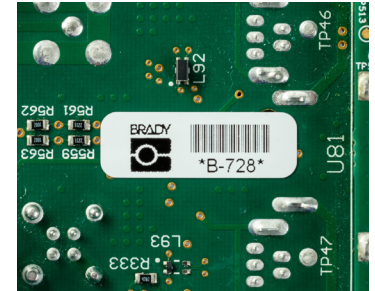
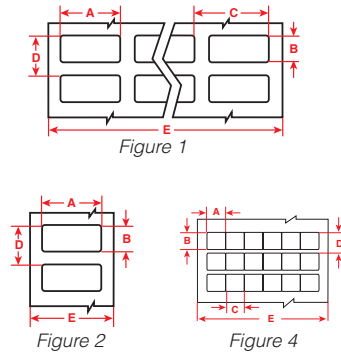


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
High-temp gloss polyimide (B-797)											
Fig. 1	176374	B33-70-797	Gloss White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 4	176405	B33-11-797	Gloss White	0.250 (6.35)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	5,000	B30-R6000
Fig. 1	176375	B33-71-797	Gloss White	0.315 (8.0)	0.315 (8.0)	0.375 (9.5)	0.450 (11.4)	2.390 (60.7)	6	20,000	B30-R6000
Fig. 1	176422	B33-340-797	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	176377	B33-12-797	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	176418	B33-149-797	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1	176401	B33-1-797	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R6000
Fig. 2	176406	B33-49-797	Gloss White	0.900 (22.9)	0.250 (6.4)	–	0.350 (8.9)	1.100 (27.9)	1	5,000	B30-R6000
Fig. 1	176416	B33-2-797	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	176373	B33-51-797	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	176400	B33-103-797	Gloss White	1.000 (25.4)	0.250 (6.4)	–	0.350 (8.9)	1.200 (30.5)	1	5,000	B30-R6000
Fig. 2	176403	B33-58-797	Gloss White	1.000 (25.4)	0.375 (9.5)	–	0.475 (12.1)	1.200 (30.5)	1	4,000	B30-R6000
Fig. 1	176376	B33-3-797	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	176404	B33-59-797	Gloss White	1.000 (25.4)	0.500 (12.7)	–	0.600 (15.2)	1.200 (30.5)	1	2,500	B30-R6000
Fig. 1	176378	B33-5-797	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	176371	B33-13-797	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	5,000	B30-R6000
Fig. 2	176402	B33-43-797	Gloss White	1.250 (31.8)	0.250 (6.4)	–	0.350 (8.9)	1.450 (36.8)	1	5,000	B30-R6000
Fig. 2	176407	B33-44-797	Gloss White	1.375 (34.9)	0.250 (6.4)	–	0.350 (8.9)	1.600 (40.6)	1	5,000	B30-R6000
Fig. 1	176370	B33-4-797	Gloss White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	B30-R6000
Fig. 2	176366	B33-45-797	Gloss White	1.500 (38.1)	0.250 (6.4)	–	0.350 (8.9)	1.700 (43.2)	1	5,000	B30-R6000
Fig. 2	176417	B33-72-797	Gloss White	1.750 (44.5)	0.250 (6.4)	–	0.350 (8.9)	1.950 (49.5)	1	5,000	B30-R6000
Fig. 2	176372	B33-15-797	Gloss White	2.000 (50.8)	0.250 (6.4)	–	0.375 (9.5)	2.200 (55.9)	1	3,200	B30-R6000
Fig. 3	145297	B30C-4000-727	Gloss White	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.200 (106.7)	1	1 roll (cont.)	B30-R6000
High-temp matte polyimide for solder ball reduction (B-728)											
Fig. 1	153217	B33-70-728	Matte White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	153219	B33-340-728	Matte White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	153213	B33-12-728	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	153209	B33-1-728	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 1	153210	B33-2-728	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	153216	B33-51-728	Matte White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	153218	B33-103-728	Matte White	1.000 (25.4)	0.250 (6.4)	–	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R6000
Fig. 1	153212	B33-5-728	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153214	B33-13-728	Matte White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	153215	B33-43-728	Matte White	1.250 (31.8)	0.250 (6.4)	–	0.350 (8.9)	1.450 (36.8)	1	4,000	B30-R6000
Fig. 1	153211	B33-4-728	Matte White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Ultra-thin high-temp matte polyimide for solderball reduction (B-729)											
Fig. 1	153230	B33-70-729	Matte White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	153232	B33-340-729	Matte White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	153225	B33-12-729	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	153221	B33-1-729	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 1	153222	B33-2-729	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	153229	B33-51-729	Matte White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	153231	B33-103-729	Matte White	1.000 (25.4)	0.250 (6.4)	–	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R6000
Fig. 1	153224	B33-5-729	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153226	B33-13-729	Matte White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	153228	B33-43-729	Matte White	1.250 (31.8)	0.250 (6.4)	–	0.350 (8.9)	1.450 (36.8)	1	4,000	B30-R6000
Fig. 1	153223	B33-4-729	Matte White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000

High-Temp Electrostatic Dissipative Polyimide Labels (B-767, B-718, B-719)

- For pre-process circuit board identification where static dissipative properties are required
- Materials feature both a permanent static dissipative adhesive and static dissipative release liner
- Designed to withstand processes, fluxes and solvents used in circuit board manufacturing
- UL969 rated, consult technical data sheet for complete performance and ribbon usage criteria

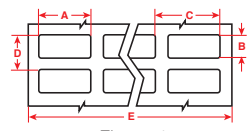


Figure 1

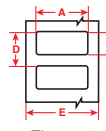


Figure 2

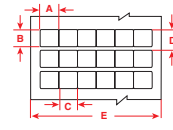


Figure 4



Diagram	Part #	Description	Colour	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
Electrostatic dissipative gloss polyimide (B-767)											
Fig. 1	176386	B33-70-767	Gloss White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	176423	B33-340-767	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	176387	B33-12-767	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	176380	B33-1-767	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 2	176409	B33-46-767	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5,000	B30-R6000
Fig. 1	176381	B33-2-767	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	176385	B33-51-767	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	176408	B33-4-767	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5,000	B30-R6000
Fig. 1	176388	B33-5-767	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	176384	B33-13-767	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	176399	B33-43-767	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	B30-R6000
Fig. 1	176382	B33-4-767	Gloss White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Fig. 2	176367	B33-45-767	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5,000	B30-R6000
Ultra-thin electrostatic dissipative gloss polyimide (B-768)											
Fig. 4	176410	B33-11-768	Gloss White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	1,500	B30-R6000
Fig. 1	176421	B33-340-768	Gloss White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	176397	B33-12-768	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	176419	B33-149-768	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 1	176411	B33-1-768	Gloss White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R6000
Fig. 2	176413	B33-46-768	Gloss White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5,000	B30-R6000
Fig. 1	176390	B33-2-768	Gloss White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	176414	B33-49-768	Gloss White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	5,000	B30-R6000
Fig. 1	176394	B33-51-768	Gloss White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	176395	B33-103-768	Gloss White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R6000
Fig. 1	176396	B33-3-768	Gloss White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	176398	B33-5-768	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 1	176392	B33-13-768	Gloss White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	176420	B33-43-768	Gloss White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	B30-R6000
Fig. 1	176391	B33-4-768	Gloss White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Fig. 2	176412	B33-45-768	Gloss White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5,000	B30-R6000
Fig. 2	176415	B33-72-768	Gloss White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	5,000	B30-R6000
Fig. 2	176393	B33-15-768	Gloss White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	3,200	B30-R6000
Ultra-thin electrostatic dissipative matte polyimide for solderball reduction (B-719)											
Fig. 1	153179	B33-70-719	Matte White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 1	152832	B33-340-719	Matte White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6000
Fig. 1	153181	B33-12-719	Matte White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	153175	B33-1-719	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 2	133875	B33-46-719	Matte White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	5,000	B30-R6000
Fig. 1	133836	B33-2-719	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	153178	B33-51-719	Matte White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6000
Fig. 2	153180	B33-103-719	Matte White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R6000
Fig. 1	153182	B33-5-719	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	153177	B33-13-719	Matte White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	134344	B33-43-719	Matte White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	B30-R6000
Fig. 1	153176	B33-4-719	Matte White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000
Fig. 1	153226	B33-13-729	Matte White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6000
Fig. 2	153228	B33-43-729	Matte White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	4,000	B30-R6000
Fig. 1	153223	B33-4-729	Matte White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6000

Ultra High-Temp Matte Amber Polyimide Labels (B-724)

- For pre-process circuit board identification
- Extremely high temperature resistance for top or bottom-side board and component ID
- Designed to withstand processes, fluxes and solvents used in circuit board manufacturing
- Consult technical data sheet for complete performance and ribbon usage criteria

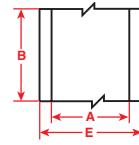
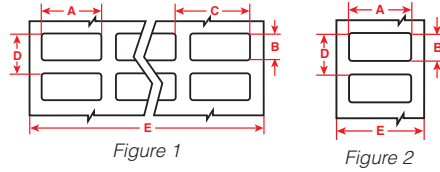


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	152911	B33-340-724	Matte Amber	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R4300
Fig. 1	152912	B33-12-724	Matte Amber	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R4300
Fig. 1	133802	B33-149-724	Matte Amber	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R4300
Fig. 2	133872	B33-46-724	Matte Amber	0.750 (19.1)	0.250 (6.4)	–	0.350 (8.9)	0.950 (24.1)	1	5,000	B30-R4300
Fig. 1	133789	B33-1-724	Matte Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R4300
Fig. 1	140723	B33-2-724	Matte Amber	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	152909	B33-51-724	Matte Amber	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R4300
Fig. 2	152910	B33-103-724	Matte Amber	1.000 (25.4)	0.250 (6.4)	–	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R4300
Fig. 1	152913	B33-5-724	Matte Amber	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R4300
Fig. 1	152908	B33-13-724	Matte Amber	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R4300
Fig. 1	140724	B33-4-724	Matte Amber	1.500 (38.1)	0.250 (6.4)	–	0.350 (8.9)	3.350 (85.1)	2	5,000	B30-R4300
Fig. 3a	145296	B30C-4000-724	Matte Amber	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.200 (106.7)	1	1 roll (cont.)	B30-R4300

Non-Reflow Non-Preheat High-Temp Polyimide Labels (B-777)

- For pre-process circuit board identification
- Does not require pre-heating for repeat exposure to harsh processes
- Designed to withstand processes, fluxes and solvents used in circuit board manufacturing
- Consult technical data sheet for complete performance and ribbon usage criteria

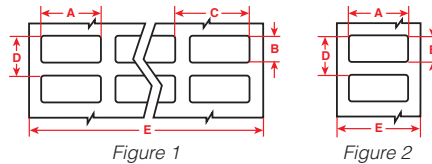


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	153287	B33-70-777	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6300
Fig. 1	153289	B33-340-777	White	0.375 (9.5)	0.375 (9.5)	0.438 (11.1)	0.475 (12.1)	3.500 (88.9)	7	10,000	B30-R6300
Fig. 1	153290	B33-12-777	White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6300
Fig. 1	153281	B33-1-777	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6300
Fig. 1	153282	B33-2-777	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.5)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6300
Fig. 1	153286	B33-51-777	White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.350 (8.9)	3.350 (85.1)	3	10,000	B30-R6300
Fig. 2	153288	B33-103-777	White	1.000 (25.4)	0.250 (6.4)	–	0.350 (8.9)	1.200 (30.4)	1	4,000	B30-R6300
Fig. 1	153291	B33-5-777	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6300
Fig. 1	153284	B33-13-777	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	7,000	B30-R6300
Fig. 2	153285	B33-43-777	White	1.250 (31.8)	0.250 (6.4)	–	0.350 (8.9)	1.450 (36.8)	1	4,000	B30-R6300
Fig. 1	153283	B33-4-777	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	8,000	B30-R6300

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 (0.70 mm thick)
- High-performance, low-cost substitute to engraved plates
- 10-year outdoor durability rating
- 5 push button sizes (including keyed and non-keyed 22.5 mm and 30.5 mm hole dia. keyed)

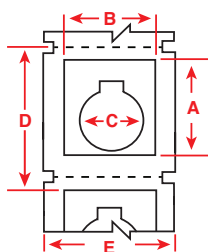
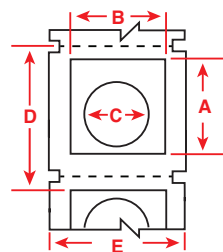


Figure 18a



Inside hole does not have a notch
Figure 18b



Diagram	Part #	Description	Colour	Label height A inch (mm)	Label width B inch (mm)	Hole dia. C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 18a	118051	B30EP-167-593-WT	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
Fig. 18b	118056	B30EP-167U-593-WT	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
Fig. 18a	118066	B30EP-169-593-WT	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
Fig. 18a	118061	B30EP-168-593-WT	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
Fig. 18a	118071	B30EP-170-593-WT	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
Fig. 18a	118053	B30EP-167-593-YL	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
Fig. 18b	118058	B30EP-167U-593-YL	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
Fig. 18a	118068	B30EP-169-593-YL	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
Fig. 18a	118063	B30EP-168-593-YL	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
Fig. 18a	118073	B30EP-170-593-YL	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
Fig. 18a	118055	B30EP-167-593-BK	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
Fig. 18b	118060	B30EP-167U-593-BK	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
Fig. 18a	118070	B30EP-169-593-BK	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
Fig. 18a	118065	B30EP-168-593-BK	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
Fig. 18a	118075	B30EP-170-593-BK	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
Fig. 18a	118054	B30EP-167-593-GN	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
Fig. 18b	118059	B30EP-167U-593-GN	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
Fig. 18a	118069	B30EP-169-593-GN	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
Fig. 18a	118064	B30EP-168-593-GN	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
Fig. 18a	118074	B30EP-170-593-GN	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
Fig. 18a	118052	B30EP-167-593-RD	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
Fig. 18b	118057	B30EP-167U-593-RD	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
Fig. 18a	118067	B30EP-169-593-RD	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
Fig. 18a	118062	B30EP-168-593-RD	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
Fig. 18a	118072	B30EP-170-593-RD	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

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 (0.70 mm thick)
- Ideal for front-of-panel identification as well as inside-panel backer board labels and component identification
- 10-year outdoor durability rating

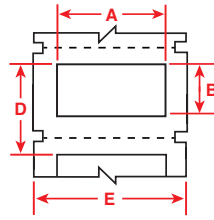


Figure 18c



Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 18c	118015	B30EP-171-593-WT	White	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
Fig. 18c	118021	B30EP-172-593-WT	White	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
Fig. 18c	118039	B30EP-175-593-WT	White	3.000 (76.2)	0.750 (19.1)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R6000
Fig. 18c	118027	B30EP-173-593-WT	White	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
Fig. 18c	118033	B30EP-174-593-WT	White	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000
Fig. 18c	118043	B30EP-176-593-WT	White	3.000 (76.2)	1.000 (25.4)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R6000
Fig. 18c	118047	B30EP-177-593-WT	White	3.000 (76.2)	2.500 (63.5)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R6000
Fig. 18c	118017	B30EP-171-593-YL	Yellow	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
Fig. 18c	118023	B30EP-172-593-YL	Yellow	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
Fig. 18c	118040	B30EP-175-593-YL	Yellow	3.000 (76.2)	0.750 (19.1)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R6000
Fig. 18c	118029	B30EP-173-593-YL	Yellow	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
Fig. 18c	118035	B30EP-174-593-YL	Yellow	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000
Fig. 18c	118044	B30EP-176-593-YL	Yellow	3.000 (76.2)	1.000 (25.4)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R6000
Fig. 18c	118048	B30EP-177-593-YL	Yellow	3.000 (76.2)	2.500 (63.5)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R6000
Fig. 18c	118020	B30EP-171-593-BK	Black	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
Fig. 18c	118026	B30EP-172-593-BK	Black	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
Fig. 18c	118042	B30EP-175-593-BK	Black	3.000 (76.2)	0.750 (19.1)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R4400-WT
Fig. 18c	118032	B30EP-173-593-BK	Black	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
Fig. 18c	118038	B30EP-174-593-BK	Black	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
Fig. 18c	118046	B30EP-176-593-BK	Black	3.000 (76.2)	1.000 (25.4)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R4400-WT
Fig. 18c	118050	B30EP-177-593-BK	Black	3.000 (76.2)	2.500 (63.5)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R4400-WT
Fig. 18c	118018	B30EP-171-593-GN	Green	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
Fig. 18c	118024	B30EP-172-593-GN	Green	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
Fig. 18c	118041	B30EP-175-593-GN	Green	3.000 (76.2)	0.750 (19.1)	1.000 (25.4)	3.250 (82.6)	1	375	B30-R4400-WT
Fig. 18c	118030	B30EP-173-593-GN	Green	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
Fig. 18c	118036	B30EP-174-593-GN	Green	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
Fig. 18c	118045	B30EP-176-593-GN	Green	3.000 (76.2)	1.000 (25.4)	1.250 (31.8)	3.250 (82.6)	1	300	B30-R4400-WT
Fig. 18c	118049	B30EP-177-593-GN	Green	3.000 (76.2)	2.500 (63.5)	2.750 (69.9)	3.250 (82.6)	1	125	B30-R4400-WT
Fig. 18c	118016	B30EP-171-593-RD	Red	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R4400-WT
Fig. 18c	118022	B30EP-172-593-RD	Red	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R4400-WT
Fig. 18c	118028	B30EP-173-593-RD	Red	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R4400-WT
Fig. 18c	118034	B30EP-174-593-RD	Red	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R4400-WT
Fig. 18c	118019	B30EP-171-593-SL	Silver	1.060 (26.9)	0.490 (12.5)	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
Fig. 18c	118025	B30EP-172-593-SL	Silver	1.770 (45.0)	0.590 (15.0)	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
Fig. 18c	118031	B30EP-173-593-SL	Silver	2.000 (50.8)	1.000 (25.4)	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000
Fig. 18c	118037	B30EP-174-593-SL	Silver	4.000 (101.6)	1.000 (25.4)	1.250 (31.8)	4.250 (108.0)	1	300	B30-R6000

Panel Rating Plate Labels (B-486B, B-434A, B-8591, B-484, B-8117)

- Variety of UL rated materials in larger sizes for labelling panels and enclosures
- High or aggressive adhesive on all materials for rugged durability on smooth or rough panel surfaces
- Consult technical data sheet for complete performance, texting and ribbon use related to UL / CSA compliance

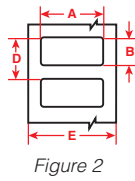


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Ultra aggressive adhesive matte light gray metallised polyester for highly textured or powder-coated surfaces (B-486B)											
Fig. 2	143078	B33-18-486	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,300	B30-R4300
Fig. 2	142957	B33-19-486	Matte Lt. Gray	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 2	153397	B33-55-486	Matte Lt. Gray	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	500	B30-R4300
Fig. 2	133975	B33-76-486	Matte Lt. Gray	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	500	B30-R4300
Fig. 2	133812	B33-161-486	Matte Lt. Gray	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	250	B30-R4300
High-gloss silver metallised polyester with aggressive adhesive for textured surfaces (B-434A)											
Fig. 2	142954	B33-18-434	Gloss Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	142955	B33-19-434	Gloss Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	133895	B33-55-434	Gloss Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	176730	B33-76-434	Gloss Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Fig. 2	153362	B33-161-434	Gloss Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	350	B30-R6000
Fig. 2	176731	B33-25-434	Gloss Silver	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	275	B30-R6000
All-weather outdoor-grade polyester with metal appearance but non-metal construction (B-8591)											
Fig. 2	151407	B33-18-8591-SL	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (29.2)	3.200 (81.3)	1	1,500	B30-R6600
Fig. 2	151411	B33-19-8591-SL	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	750	B30-R6600
Fig. 2	151419	B33-55-8591-SL	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6600
Fig. 2	152938	B33-76-8591-SL	Silver	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151399	B33-161-8591-SL	Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	400	B30-R6600
Fig. 2	151431	B33-25-8591-SL	Silver	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.6)	4.200 (106.7)	1	250	B30-R6600
Aggressive adhesive flexible polyester for conforming to textured and angular or uneven surfaces (B-484A)											
Fig. 2	133824	B33-18-484	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (29.3)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	133830	B33-19-484	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	153114	B33-55-484	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Fig. 2	176728	B33-76-484	Gloss White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Fig. 2	153115	B33-161-484	Gloss White	4.000 (101.6)	4.000 (101.6)	-	4.125 (79.3)	4.200 (106.7)	1	350	B30-R6000
Fig. 2	176729	B33-25-484	Gloss White	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	325	B30-R6000
Matte black polyester with permanent adhesive for flat, smooth or lightly textured surfaces (B-8117)											
Fig. 2	153353	B33-18-8117	Matte Black	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.5)	3.350 (85.1)	1	1,000	B30-R6800-WT
Fig. 2	153355	B33-19-8117	Matte Black	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6800-WT
Fig. 2	153356	B33-55-8117	Matte Black	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	500	B30-R6800-WT
Fig. 2	153357	B33-76-8117	Matte Black	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	330	B30-R6800-WT
Fig. 2	176732	B33-161-8117	Matte Black	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.7)	4.200 (106.7)	1	300	B30-R6800-WT
Fig. 2	176733	B33-25-8117	Matte Black	4.000 (101.6)	6.000 (152.4)	-	6.125 (155.5)	4.200 (106.7)	1	200	B30-R6800-WT

UL-Rated Arc Flash Sign Headers (B-483A pre-print headers)

- Pre-printed headers with user-printable zone F below
- Create your custom layout or use Arc Flash templates in Brady WorkStation software Arc Flash App
- UL rated glossy ultra-high adhesion material adheres to smooth or highly textured, metal and non-metal surfaces

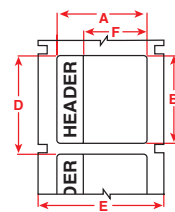


Diagram	Part #	Catalog #	Header	Label width A inch (mm)	Label height B inch (mm)	Print height F inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 70c	152866	B33-25-483-ANSIWA		4.000 (101.6)	6.000 (152.4)	2.875 (73.0)	6.500 (165.1)	4.200 (106.7)	1	250	B30-R6000
Fig. 70c	152873	B33-161-483-ANSIWA		4.000 (101.6)	4.000 (101.6)	2.875 (73.0)	4.500 (114.3)	4.200 (106.7)	1	370	B30-R6000
Fig. 70c	152869	B33-184-483-ANSIWA		3.000 (76.2)	3.000 (76.2)	1.875 (47.6)	3.500 (88.9)	3.200 (81.3)	1	500	B30-R6000
Fig. 70c	152867	B33-25-483-ANSIDA		4.000 (101.6)	6.000 (152.4)	2.875 (73.0)	6.500 (165.1)	4.200 (106.7)	1	250	B30-R6000
Fig. 70c	152868	B33-161-483-ANSIDA		4.000 (101.6)	4.000 (101.6)	2.875 (73.0)	4.500 (114.3)	4.200 (106.7)	1	370	B30-R6000
Fig. 70c	152870	B33-184-483-ANSIDA		3.000 (76.2)	3.000 (76.2)	1.875 (47.6)	3.500 (88.9)	3.200 (81.3)	1	500	B30-R6000

Inside-Panel Component Labels (B-499, B-483A, B-484A, B-593)

- Various sizes in several durable material types
- Ideal for labelling backer board, relays, PLCs, switches, breakers, power supplies and other components inside panels
- All recommended materials are flexible or have extra high-tack adhesives for adhesion to wide variety of surfaces and components

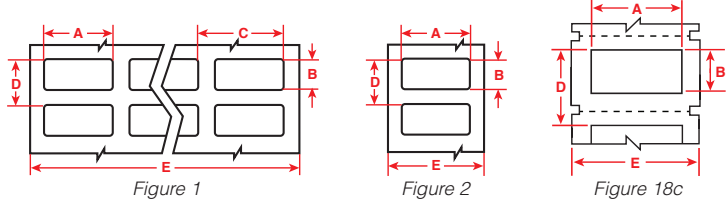


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Nylon cloth with permanent adhesive for angled, curved and rough surfaces (B-499)											
Fig. 1	143018	B33-68-499	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	1,500	B30-R6200
Fig. 1	153090	B33-87-499	White	0.500 (12.7)	1.437 (36.4)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	2,500	B30-R6000
Fig. 1	153085	B33-1-499	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 1	153086	B33-5-499	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	153087	B33-88-499	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R6000
Fig. 1	153092	B33-89-499	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2,300	B30-R6000
Fig. 2	142997	B33-136-499	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.770 (45.0)	1	1,500	B30-R6000
Fig. 2	143049	B33-151-499	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 2	143066	B33-137-499	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,100	B30-R6000
Ultra aggressive adhesive gloss polyester with aggressive adhesive for flat but highly textured surfaces (B-483A)											
Fig. 1	152861	B33-12-483	Gloss White	0.500 (12.7)	0.437 (11.0)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	B30-R6000
Fig. 1	143075	B33-5-483	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	152862	B33-37-483	Gloss White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 1	152864	B33-6-483	Gloss White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R6000
Fig. 2	152863	B33-53-483	Gloss White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	143084	B33-17-483	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Aggressive adhesive flexible polyester for conforming to textured and angular or uneven surfaces (B-484A)											
Fig. 2	133786	B33-125-484	Gloss White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1,500	B30-R6000
Fig. 1	133892	B33-5-484	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 2	133787	B33-136-484	Gloss White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	1,500	B30-R6000
Fig. 2	133816	B33-17-484	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Raised profile polyester, thick, with extra-strength adhesive for textured surfaces (B-593)											
Fig. 18c	118015	B30EP-171-593-WT	White	1.060 (26.9)	0.490 (12.5)	-	0.750 (19.1)	1.375 (34.9)	1	500	B30-R6000
Fig. 18c	118021	B30EP-172-593-WT	White	1.770 (45.0)	0.590 (15.0)	-	0.850 (21.6)	2.500 (63.5)	1	450	B30-R6000
Fig. 18c	118027	B30EP-173-593-WT	White	2.000 (50.8)	1.000 (25.4)	-	1.250 (31.8)	2.500 (63.5)	1	300	B30-R6000

Adhesive Strips for Terminal Blocks and Patch Panels (B-498, B-422)

- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- Available in permanent or repositionable adhesive, UL-rated

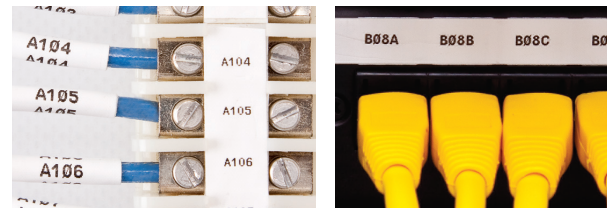
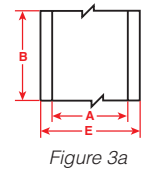


Diagram	Part #	Catalog #	Colour	Label width A inch (mm)	Roll Length B feet (m)	Web width E inch (mm)	Labels per roll	Rec. ribbon
Vinyl Cloth – Aggressive but repositionable adhesive (B-498)								
Fig. 3a	143064	B33C-312-498	Matte White	0.312 (7.9)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6200
Fig. 3a	143072	B33C-375-498	Matte White	0.375 (9.5)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6200
Polyester – High gloss with permanent adhesive for smooth or textured surfaces (B-422)								
Fig. 3a	134003	B33C-312-422	Gloss White	0.312 (7.9)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6000
Fig. 3a	134004	B33C-375-422	Gloss White	0.375 (9.5)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6000

Self-Laminating Wire and Cable Wraps (B-427)

- Features white printable area with clear “tail” that wraps around cable or wire to protect printed text
- Standard adhesive designed to adhere to tightly curved surfaces inherent to wires and cables
- Self-extinguishing material with outstanding resistance to abrasion, handling, oil, water and dirt
- Use sizing formula and the “Label Length B” dimension when determining the correct size of marker for your cable or wire diameter and desired wrapping distance
- The “all white” parts are for flagging cables

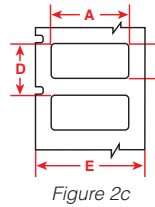


Figure 2c

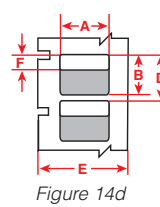


Figure 14d

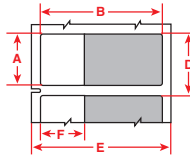


Figure 15

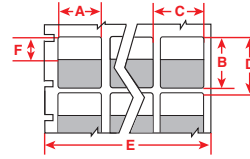


Figure 12b



Diagram	Part #	Description	Colour	Label width A inch (mm)	Label length B inch (mm)	Print Area F 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
Self-laminating vinyl (B-427)												
Fig. 12b	143094	B33-80-427	White/Clear	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	4	2,500	B30-R4300
Fig. 12b	143101	B33-113-427	White/Clear	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	0.600 (15.2)	1.125 (28.6)	2.500 (63.5)	4	2,500	B30-R4300
Fig. 12b	152851	B33-114-427	White/Clear	0.500 (12.7)	1.250 (31.8)	0.500 (12.7)	0.600 (15.2)	1.375 (34.9)	2.500 (63.5)	4	4,000	B30-R4300
Fig. 12b	143092	B33-8-427	White/Clear	0.500 (12.7)	1.437 (36.5)	0.500 (12.7)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	5	5,000	B30-R4300
Fig. 12b	143097	B33-56-427	White/Clear	0.750 (19.1)	0.937 (23.8)	0.375 (9.5)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	4	5,000	B30-R4300
Fig. 12b	143008	B33-73-427	White/Clear	0.750 (19.1)	1.750 (44.6)	0.500 (12.7)	0.800 (20.3)	1.875 (47.6)	3.350 (85.1)	4	3,500	B30-R4300
Fig. 12b	143096	B33-74-427	White/Clear	0.800 (20.3)	1.437 (36.5)	0.500 (12.7)	0.800 (20.3)	1.625 (41.3)	3.400 (86.4)	4	4,000	B30-R4300
Fig. 12b	133780	B33-115-427	White/Clear	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R4300
Fig. 12b	143102	B33-116-427	White/Clear	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	1.100 (27.9)	1.125 (28.6)	2.300 (58.4)	2	2,500	B30-R4300
Fig. 12b	152852	B33-117-427	White/Clear	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	1.100 (27.9)	1.375 (34.9)	2.300 (58.4)	2	2,000	B30-R4300
Fig. 12b	143091	B33-9-427	White/Clear	1.000 (25.4)	1.437 (36.5)	0.500 (12.7)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	3	2,500	B30-R4300
Fig. 12b	143095	B33-75-427	White/Clear	1.000 (25.4)	2.250 (57.2)	0.750 (19.1)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	2	1,400	B30-R4300
Fig. 15	142996	B33-131-427	White/Clear	1.000 (25.4)	2.625 (66.7)	1.000 (25.4)	–	1.250 (31.8)	2.825 (71.8)	1	1,500	B30-R4300
Fig. 12b	143099	B33-10-427	White/Clear	1.000 (25.4)	3.750 (95.3)	1.000 (25.4)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	3	1,200	B30-R4300
Fig. 12b	143093	B33-81-427	White/Clear	1.000 (25.4)	6.000 (152.4)	1.500 (38.1)	1.100 (27.9)	6.187 (157.1)	2.300 (58.4)	2	500	B30-R4300
Fig. 14d	143042	B33-118-427	White/Clear	1.500 (38.1)	1.000 (25.4)	0.375 (9.5)	–	1.125 (28.6)	1.700 (43.2)	1	1,250	B30-R4300
Fig. 14d	142870	B33-119-427	White/Clear	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	–	1.625 (41.3)	1.700 (43.2)	1	1,000	B30-R4300
Fig. 14d	133841	B33-272-427	White/Clear	1.500 (38.1)	2.250 (57.2)	0.750 (19.1)	–	2.500 (63.5)	1.700 (43.2)	1	700	B30-R4300
Fig. 14d	142994	B33-120-427	White/Clear	1.750 (44.5)	1.000 (25.4)	0.375 (9.5)	–	1.125 (28.6)	1.950 (49.5)	1	1,250	B30-R4300
Fig. 14d	142871	B33-121-427	White/Clear	1.750 (44.5)	1.500 (38.1)	0.500 (12.7)	–	1.750 (44.6)	1.950 (49.5)	1	1,000	B30-R4300
Fig. 14d	133842	B33-273-427	White/Clear	1.750 (44.5)	2.250 (57.2)	0.750 (19.1)	–	2.500 (63.5)	1.950 (49.5)	1	500	B30-R4300
Fig. 15	176738	B33-66-427	White/Clear	1.900 (48.3)	3.187 (81.0)	0.750 (19.1)	–	2.150 (54.6)	3.387 (86.0)	1	700	B30-R4300
Fig. 15	176740	B33-67-427	White/Clear	2.000 (50.8)	2.250 (57.2)	0.750 (19.1)	–	2.187 (55.5)	2.450 (62.2)	1	700	B30-R4300
Fig. 15	176742	B33-369-427	White/Clear	2.000 (50.8)	3.750 (95.3)	1.000 (25.4)	–	2.250 (57.2)	3.950 (100.3)	1	700	B30-R4300
Fig. 14d	143098	B33-27-427	White/Clear	2.000 (50.8)	3.750 (95.3)	1.000 (25.4)	–	4.000 (101.6)	2.200 (55.9)	1	400	B30-R4300
Fig. 14d	133977	B33-82-427	White/Clear	2.000 (50.8)	6.000 (152.4)	1.500 (38.1)	–	6.187 (157.1)	2.200 (55.9)	1	200	B30-R4300
Fig. 14d	142882	B33-26-427	White/Clear	2.500 (63.5)	2.250 (57.2)	0.750 (19.1)	–	2.438 (61.9)	2.700 (68.8)	1	500	B30-R4300
Fig. 2c	143045	B33-137-427AW	White	2.000 (50.8)	1.000 (25.4)	–	–	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 2c	142952	B33-135-427AW	White	1.500 (38.1)	0.750 (19.1)	–	–	0.875 (22.2)	1.700 (43.2)	1	1,500	B30-R4300

Aggressive Adhesive Self-Laminating Wire and Cable Wraps

(B-417)

- Features white printable area with clear “tail” that wraps around cable or wire to protect printed text
- Advanced performance adhesive for standard wire and cable identification and also adhesion in high humidity conditions, on smaller diameter wires, and on challenging wire jacket materials including Teflon®, silicone, braided and traditional PVC
- Self-extinguishing material with outstanding resistance to abrasion, handling, oil, water and dirt
- Use sizing formula and the “Label Length B” dimension when determining the correct size of marker for your cable or wire diameter and desired wrapping distance

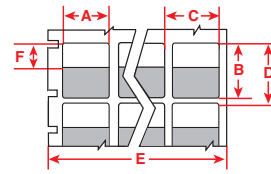


Figure 12b

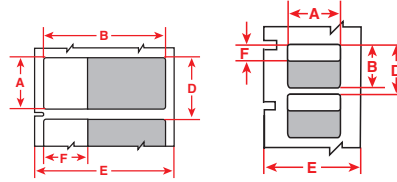


Figure 15

Figure 14d



Diagram	Part #	Description	Colour	Label width A inch (mm)	Label length B inch (mm)	Print Area F 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
Aggressive Adhesive self-laminating vinyl (B-417)												
Fig. 12b	153252	B33-80-417	White/Clear	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	4	2,500	B30-R4300
Fig. 12b	176734	B33-113-417	White/Clear	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	0.600 (15.2)	1.125 (28.6)	2.500 (63.5)	4	2,500	B30-R4300
Fig. 12b	153255	B33-114-417	White/Clear	0.500 (12.7)	1.250 (31.8)	0.500 (12.7)	0.600 (15.2)	1.375 (34.9)	2.500 (63.5)	4	4,000	B30-R4300
Fig. 12b	153257	B33-8-417	White/Clear	0.500 (12.7)	1.437 (36.5)	0.500 (12.7)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	5	5,000	B30-R4300
Fig. 12b	153253	B33-56-417	White/Clear	0.750 (19.1)	0.937 (23.8)	0.375 (9.5)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	4	5,000	B30-R4300
Fig. 12b	153260	B33-73-417	White/Clear	0.750 (19.1)	1.750 (44.6)	0.500 (12.7)	0.800 (20.3)	1.875 (47.6)	3.350 (85.1)	4	3,500	B30-R4300
Fig. 12b	176735	B33-74-417	White/Clear	0.800 (20.3)	1.437 (36.5)	0.500 (12.7)	0.800 (20.3)	1.625 (41.3)	3.400 (86.4)	4	4,000	B30-R4300
Fig. 12b	153254	B33-116-417	White/Clear	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	1.100 (27.9)	1.125 (28.6)	2.300 (58.4)	2	2,500	B30-R4300
Fig. 12b	153256	B33-117-417	White/Clear	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	1.100 (27.9)	1.375 (34.9)	2.300 (58.4)	2	2,000	B30-R4300
Fig. 12b	153258	B33-9-417	White/Clear	1.000 (25.4)	1.437 (36.5)	0.500 (12.7)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	3	2,500	B30-R4300
Fig. 12b	153262	B33-75-417	White/Clear	1.000 (25.4)	2.250 (57.2)	0.750 (19.1)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	2	1,400	B30-R4300
Fig. 15	176744	B33-131-417	White/Clear	1.000 (25.4)	2.625 (66.7)	1.000 (25.4)	–	1.250 (31.8)	2.825 (71.8)	1	1,500	B30-R4300
Fig. 12b	153263	B33-10-417	White/Clear	1.000 (25.4)	3.750 (95.3)	1.000 (25.4)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	3	1,200	B30-R4300
Fig. 12b	153265	B33-81-417	White/Clear	1.000 (25.4)	6.000 (152.4)	1.500 (38.1)	1.100 (27.9)	6.187 (157.1)	2.300 (58.4)	2	500	B30-R4300
Fig. 14d	153259	B33-119-417	White/Clear	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	–	1.625 (41.3)	1.700 (43.2)	1	1,000	B30-R4300
Fig. 12b	176736	B33-272-417	White/Clear	1.500 (38.1)	2.250 (57.2)	0.750 (19.1)	–	2.500 (63.5)	1.700 (43.2)	1	700	B30-R4300
Fig. 15	176739	B33-66-417	White/Clear	1.900 (48.3)	3.187 (81.0)	0.750 (19.1)	–	2.150 (54.6)	3.387 (86.0)	1	700	B30-R4300
Fig. 15	176741	B33-67-417	White/Clear	2.000 (50.8)	2.250 (57.2)	0.750 (19.1)	–	2.187 (55.5)	2.450 (62.2)	1	700	B30-R4300
Fig. 15	176743	B33-369-417	White/Clear	2.000 (50.8)	3.750 (95.3)	1.000 (25.4)	–	2.250 (57.2)	3.950 (100.3)	1	700	B30-R4300
Fig. 14d	153264	B33-27-417	White/Clear	2.000 (50.8)	3.750 (95.3)	1.000 (25.4)	–	4.000 (101.6)	2.200 (55.9)	1	400	B30-R4300
Fig. 12b	176737	B33-82-417	White/Clear	2.000 (50.8)	6.000 (152.4)	1.500 (38.1)	–	6.187 (157.1)	2.200 (55.9)	1	200	B30-R4300
Fig. 14d	153261	B33-26-417	White/Clear	2.500 (63.5)	2.250 (57.2)	0.750 (19.1)	–	2.438 (61.9)	2.700 (68.8)	1	500	B30-R4300

How to choose the right size Self-Laminating marker for your wire or cable

If you know the outside diameter or circumference of your wire/cable, you can easily determine the correct total label length and white print area height by using the formula below

Formula **for total marker wrap** (incl clear tail): ensures 1.5 times wrap around wire—choose longer length than 1.5 if more wrapping is desired

- ▶ **Step 1:** (wire outside dia) X (3.147) = wire circumference
- ▶ **Step 2:** (circumference) X (1.5) = target label length “B” in part number charts

Formula **for white print area height** can also be used to assist in managing if or how far the white print area height “F” will wrap or if it overlaps itself—1.0 will deliver full wrap with no overlap

- ▶ **Step 1:** (wire outside dia) X (3.147) = wire circumference
- ▶ **Step 2:** (circumference) X (1.0) = target print area height “F” in part number chart that will not overlap itself

Rotating Self-Laminating Wire and Cable Wraps (B-427)

- Allows rotation of an over-laminated label on the cable to prevent cable damage and allow viewing of entire label from any angle
- Increases print area due to improved viewing ability
- Final installed label has over-laminated text and spins freely on the cable
- Use B dimension when considering label length for "cable diameter fit"

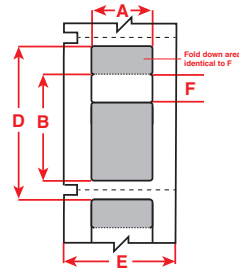


Figure 87

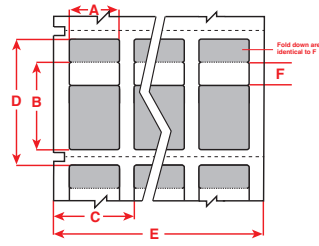


Figure 87b

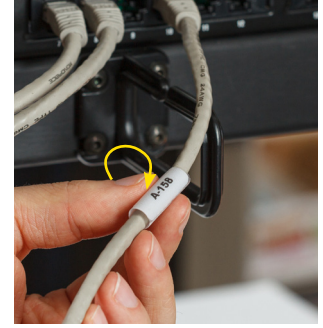
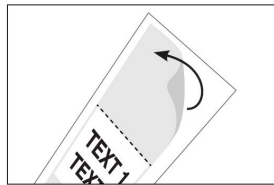
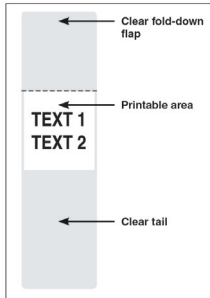
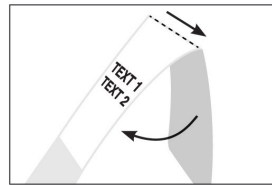


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label length B inch (mm)	Print Area F inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 87b	151025	B33RO-292-427	White/Clear	0.500 (12.7)	1.750 (44.4)	0.700 (17.7)	0.700 (17.7)	2.575 (65.4)	2.100 (53.3)	3	1,500	B30-R4300
Fig. 87b	151026	B33RO-293-427	White/Clear	0.500 (12.7)	2.750 (69.9)	1.100 (27.9)	0.700 (17.7)	4.063 (103.2)	2.100 (53.3)	3	900	B30-R4300
Fig. 87b	151027	B33RO-294-427	White/Clear	1.000 (25.4)	1.750 (44.4)	0.700 (17.7)	1.250 (31.8)	2.575 (65.4)	2.450 (62.2)	2	1,000	B30-R4300
Fig. 87b	151028	B33RO-295-427	White/Clear	1.000 (25.4)	2.750 (69.9)	1.100 (27.9)	1.250 (31.8)	4.063 (103.2)	2.450 (62.2)	2	700	B30-R4300
Fig. 87b	151029	B33RO-296-427	White/Clear	1.000 (25.4)	3.125 (79.3)	1.250 (31.8)	1.250 (31.8)	4.563 (115.9)	2.450 (62.2)	2	600	B30-R4300
Fig. 87b	151030	B33RO-297-427	White/Clear	1.000 (25.4)	1.200 (30.4)	0.500 (12.7)	1.250 (31.8)	1.825 (46.4)	2.450 (62.2)	2	600	B30-R4300
Fig. 87	151032	B33RO-299-427	White/Clear	2.000 (50.8)	3.125 (79.3)	1.250 (31.8)	-	4.563 (115.9)	2.200 (55.9)	1	250	B30-R4300

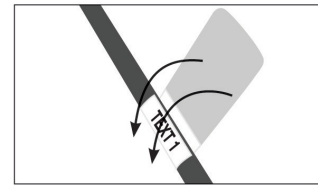
Rotating Self-Laminating Wrap Application:



1. Peel away top clear flap and printed area from liner



2. Fold top clear flap behind printable area at fold line



3. Wrap so that white printable area overlaps itself, then continue wrapping clear tail around label

QuickFlag™ Wire and Cable Flags (B-483A)

- Flag wires and cables faster with fewer re-wraps and fewer wasted labels
- Patent pending all white design features non-adhesive printable flag with tapered adhesive non-printable wrap-around tail which nearly eliminates mismatched edges or exposed adhesive on the final flag
- Fast – flagging is much faster eliminating time spent on tedious edge alignment at end of wrap
- Durable – made of durable polyester material that resists abrasions, temperatures of -40 to 248° F (-40 to 120° C), and solvents such as fuel, oil and water
- Permanent - ultra aggressive rubber-based adhesive on the tapered wrapping side
- 2 sizes including “wide” flag ideal for high-text-content datacom applications
- UL Recognized to UL969, CSA accepted, RoHS Compliant to 2011/65/EU (Pass 2015/863)

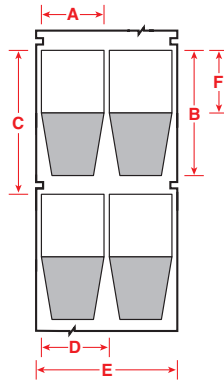
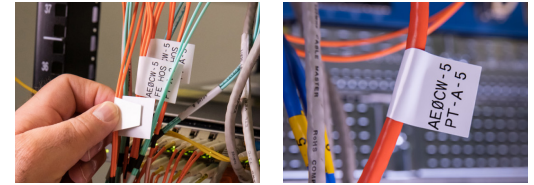


Figure 88



Faster Flagging with less waste

Diagram	Part #	Description	Colour	Flag width A inch (mm)	Label length B inch (mm)	Printable Flag height F 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
Fig. 88	174927	B33-360-483	Gloss White	1.000 (25.4)	2.000 (50.8)	1.000 (25.4)	1.100 (27.9)	2.250 (57.2)	2.300 (58.4)	2	1,500	B30-R6000
Fig. 88	174928	B33-361-483	Gloss White	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	2.100 (53.3)	2.250 (57.2)	4.200 (106.7)	2	1,500	B30-R6000
Fig. 88	176745	B33-362-483	Gloss White	1.000 (25.4)	3.000 (76.2)	1.750 (44.5)	1.100 (27.9)	3.250 (82.6)	2.300 (58.4)	2	900	B30-R6000

BradyGrip™ Print-on Hook Material featuring VELCRO® Brand Hook for cable/cord bundle Identification (B-414)

- Print your hook label, apply to VELCRO® Brand ONE-WRAP® roll and apply the complete solution to your cable or wire bundle
- Won't damage cables or wires the way nylon cable ties can
- A quick, repositionable and size-flexible identification solution for cable bundles that may need to be accessed and changed over time
- VELCRO® Brand ONE-WRAP® product not included with purchase

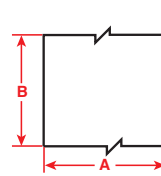


Figure 3b

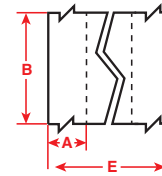


Figure 3c



Diagram	Part #	Description	Colour	Label width A inch (mm)	Roll Length B feet (m)	Web width E inch (mm)	Quantity of Strips	Labels per roll	Rec. ribbon
Fig. 3c	151520	B33C-250-414	Gloss White	0.250 (6.4)	50 (15.2)	0.750 (19.1)	3	1 roll (cont.)	B30-R6000
Fig. 3c	151521	B33C-500-414	Gloss White	0.500 (12.7)	50 (15.2)	1.000 (25.4)	2	1 roll (cont.)	B30-R6000
Fig. 3b	151522	B33C-750-414	Gloss White	0.750 (19.1)	50 (15.2)	-	1	1 roll (cont.)	B30-R6000

Cloth Wire and Cable Wraps (B-498, B-499)

- Flexible materials conform very well to tightly curved surfaces
- B-498 has unique adhesive that provides excellent holding power to tightly curved surfaces and still allows for clean removal and multiple reapplications – an ideal choice for marking both ends of a wire that may need to be cut shorter before final termination
- Both multi-purpose materials are also excellent for labelling inside-of-panel components

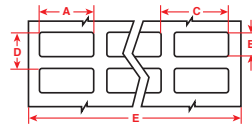


Figure 1

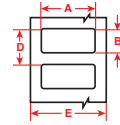


Figure 2

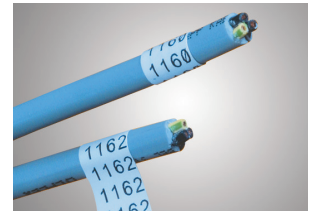


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	142875	B33-90-498	Matte White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	B30-R6200
Fig. 1	143074	B33-68-498	Matte White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	5,000	B30-R6200
Fig. 1	143009	B33-87-498	Matte White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	2,500	B30-R6200
Fig. 1	142872	B33-1-498	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R6200
Fig. 2	153080	B33-254-498	Matte White	0.750 (19.1)	0.750 (19.1)	–	0.850 (21.6)	1.000 (25.4)	1	1,000	B30-R6200
Fig. 1	143073	B33-91-498	Matte White	0.750 (19.1)	0.937 (23.8)	0.850 (21.6)	1.062 (27.0)	3.500 (88.9)	4	2,500	B30-R6200
Fig. 1	142876	B33-95-498	Matte White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2,300	B30-R6200
Fig. 1	142966	B33-5-498	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6200
Fig. 1	142874	B33-88-498	Matte White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R6200
Fig. 1	142967	B33-89-498	Matte White	1.000 (25.4)	1.437 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2,300	B30-R6200
Fig. 1	153081	B33-325-498	Matte White	1.000 (25.4)	2.500 (63.5)	1.150 (29.2)	2.625 (66.7)	2.350 (59.7)	2	700	B30-R6200
Fig. 1	153082	B33-326-498	Matte White	1.000 (25.4)	4.000 (101.6)	1.150 (29.2)	4.125 (104.8)	2.350 (59.7)	2	450	B30-R6200
Fig. 1	153083	B33-327-498	Matte White	1.500 (38.1)	4.000 (101.6)	1.650 (41.9)	4.125 (104.8)	3.350 (85.1)	2	450	B30-R6200
Fig. 1	153084	B33-328-498	Matte White	1.500 (38.1)	6.000 (152.4)	1.650 (41.9)	6.125 (155.6)	3.350 (85.1)	2	300	B30-R6200
Fig. 1	153091	B33-90-499	White	0.250 (6.4)	1.437 (36.4)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	B30-R6000
Fig. 1	143018	B33-68-499	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	1,500	B30-R6200
Fig. 1	153090	B33-87-499	White	0.500 (12.7)	1.437 (36.4)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	2,500	B30-R6000
Fig. 1	153085	B33-1-499	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	B30-R6000
Fig. 2	153088	B33-254-499	White	0.750 (19.1)	0.750 (19.1)	–	0.850 (21.6)	1.000 (25.4)	1	1,000	B30-R6000
Fig. 1	153089	B33-91-499	White	0.750 (19.1)	0.937 (23.7)	0.850 (21.6)	1.062 (27.0)	3.500 (88.9)	4	2,500	B30-R6000
Fig. 1	143002	B33-165-499	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	B30-R6000
Fig. 1	153086	B33-5-499	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	153087	B33-88-499	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R6000
Fig. 1	153092	B33-89-499	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2,300	B30-R6000
Fig. 1	153093	B33-325-499	White	1.000 (25.4)	2.500 (63.5)	1.150 (29.2)	2.625 (66.7)	2.350 (59.7)	2	700	B30-R6000
Fig. 1	153094	B33-326-499	White	1.000 (25.4)	4.000 (101.6)	1.150 (29.2)	4.125 (104.8)	2.350 (59.7)	2	450	B30-R6000
Fig. 1	153095	B33-327-499	White	1.500 (38.1)	4.000 (101.6)	1.650 (41.9)	4.125 (104.8)	3.350 (85.1)	2	450	B30-R6000
Fig. 1	153096	B33-328-499	White	1.500 (38.1)	6.000 (152.4)	1.650 (41.9)	6.125 (155.6)	3.350 (85.1)	2	300	B30-R6000

High-Temp Self-Extinguishing Tedlar® Wire Wraps

(B-437)

- Top-coated polyvinyl fluoride label for wire and cable marking where high temperature and self-extinguishing features are required
- Heavy-duty performance with excellent resistance to water, oil and other fluids and meets MIL-M-87958 Standard
- Upper temp limit of up to 275°F – consult technical data sheet for full performance details

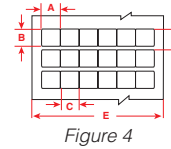
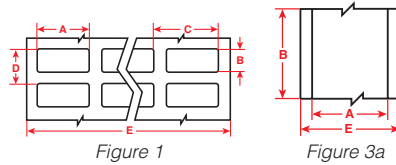


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 4	133776	B33-11-437	Matte White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15,000	B30-R4300
Fig. 1	133791	B33-1-437	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R4300
Fig. 1	133833	B33-2-437	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133888	B33-5-437	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133846	B33-29-437	Matte White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5,000	B30-R4300
Fig. 1	133889	B33-5-437YL	Matte Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133847	B33-29-437YL	Matte Yellow	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5,000	B30-R4300
Continuous rolls											
Fig. 3a	133980	B33C-1000-437	Matte White	1.000 (25.4)	85 ft. (25.9 m)	–	–	1.200 (30.5)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133984	B33C-1500-437	Matte White	1.500 (38.1)	85 ft. (25.9 m)	–	–	1.900 (48.3)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133990	B33C-2000-437	Matte White	2.000 (50.8)	85 ft. (25.9 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133997	B33C-3000-437	Matte White	3.000 (76.2)	85 ft. (25.9 m)	–	–	3.400 (86.4)	1	1 roll (cont.)	B30-R4300
Fig. 3a	143579	B30C-4000-437	Matte White	4.000 (101.6)	100 ft. (30.5 m)	–	–	4.000 (101.6)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133981	B33C-1000-437YL	Matte Yellow	1.000 (25.4)	85 ft. (25.9 m)	–	–	1.200 (30.5)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133985	B33C-1500-437YL	Matte Yellow	1.500 (38.1)	85 ft. (25.9 m)	–	–	1.900 (48.3)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133991	B33C-2000-437YL	Matte Yellow	2.000 (50.8)	85 ft. (25.9 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133998	B33C-3000-437YL	Matte Yellow	3.000 (76.2)	85 ft. (25.9 m)	–	–	3.400 (86.4)	1	1 roll (cont.)	B30-R4300
Fig. 3a	177554	B30C-4000-437YL	Matte Yellow	4.000 (101.6)	150 ft. (101.6 m)	–	–	4.250 (108.0)	1	1 roll (cont.)	B30-R4300

Custom colours of Tedlar® labels are available for quote including: Gray, Pink, Blue, Green, Orange, Red, Violet - all require Black ribbon print.

High-Temp Flame-Retardant Polyimide Wire Wraps

(B-472)

- Top-coated polyimide label for wire and cable marking where high temperature and self-extinguishing features are required
- Heavy-duty performance with excellent resistance to water, oil and other fluids
- Upper temp limit of up to 320°F – consult technical data sheet for full performance details

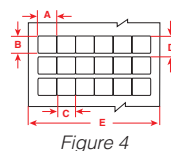
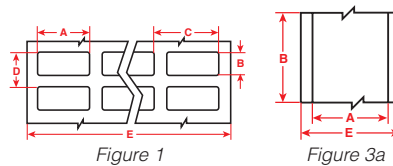


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 4	133778	B33-11-472	Matte White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	15,000	B30-R4300
Fig. 1	133796	B33-1-472	Matte White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	B30-R4300
Fig. 1	133835	B33-2-472	Matte White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133890	B33-5-472	Matte White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133849	B33-29-472	Matte White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5,000	B30-R4300
Fig. 1	133891	B33-5-472YL	Matte Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	133850	B33-29-472YL	Matte Yellow	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	5,000	B30-R4300
Continuous rolls											
Fig. 3a	133982	B33C-1000-472	Matte White	1.000 (25.4)	85ft (25.9 m)	–	–	1.200 (30.5)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133986	B33C-1500-472	Matte White	1.500 (38.1)	85ft (25.9 m)	–	–	1.900 (48.3)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133992	B33C-2000-472	Matte White	2.000 (50.8)	85ft (25.9 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133999	B33C-3000-472	Matte White	3.000 (76.2)	85ft (25.9 m)	–	–	3.400 (86.4)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133983	B33C-1000-472YL	Matte Yellow	1.000 (25.4)	85ft (25.9 m)	–	–	1.200 (30.5)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133987	B33C-1500-472YL	Matte Yellow	1.500 (38.1)	85ft (25.9 m)	–	–	1.900 (48.3)	1	1 roll (cont.)	B30-R4300
Fig. 3a	133993	B33C-2000-472YL	Matte Yellow	2.000 (50.8)	85ft (25.9 m)	–	–	2.200 (55.9)	1	1 roll (cont.)	B30-R4300
Fig. 3a	134002	B33C-3000-472YL	Matte Yellow	3.000 (76.2)	85ft (25.9 m)	–	–	3.400 (86.4)	1	1 roll (cont.)	B30-R4300

PermaSleeve® Heat-Shrink Sleeves (B-342)

- Standard military / industrial grade heat-shrinkable wire marker with 3:1 shrink ratio
- Can be used for identification or wire protection
- Fade-resistant and flame-retardant
- Meets SAE-AS-23053/5 and SAE-AS-81531 specs
- Tested per ASTM E162, ASTM E662 and MIL-STD-202

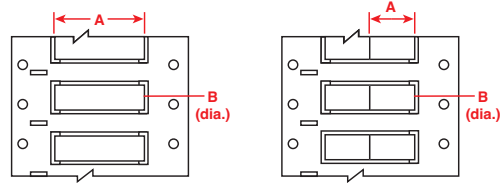


Figure 21

Figure 21-2

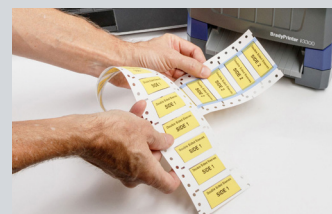


Diagram	Part #	Description	Colour	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, single-side printable, 2" sleeve width (dimension A)											
Fig. 21	142926	B33-94-2-342	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 (0.07)	1	1,000	B30-R4300
Fig. 21	143034	B33-125-2-342	White	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R4300
Fig. 21	143036	B33-187-2-342	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	750	B30-R4300
Fig. 21	143038	B33-250-2-342	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143039	B33-375-2-342	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143040	B33-500-2-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) +/- 0.003 (0.07)	1	350	B30-R4300
Fig. 21	143041	B33-750-2-342	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	143032	B33-1000-2-342	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 (0.07)	1	250	B30-R4300
Fig. 21	142992	B33-1500-2-342	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 (0.07)	1	150	B30-R4300
Fig. 21	142932	B33-94-2-342YL	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 (0.07)	1	1,000	B30-R4300
Fig. 21	143035	B33-125-2-342YL	Yellow	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R4300
Fig. 21	143037	B33-187-2-342YL	Yellow	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	750	B30-R4300
Fig. 21	142930	B33-250-2-342YL	Yellow	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142931	B33-375-2-342YL	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142927	B33-500-2-342YL	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) +/- 0.003 (0.07)	1	350	B30-R4300
Fig. 21	142934	B33-750-2-342YL	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	143033	B33-1000-2-342YL	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 (0.07)	1	250	B30-R4300
Fig. 21	142993	B33-1500-2-342YL	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 (0.07)	1	150	B30-R4300
Fig. 21	142991	B33-1500-2-342BK	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 (0.07)	1	150	B30-R6700-WT
3:1 Shrink ratio, single-side printable, 1" sleeve width in "2-across precut" configuration (dimension A)											
Fig. 21-2	133978	B33-94-2-342-2	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 (0.07)	2	2,000	B30-R4300
Fig. 21-2	133784	B33-125-2-342-2	White	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	2	2,000	B30-R4300
Fig. 21-2	142944	B33-187-2-342-2	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	2	1,500	B30-R4300
Fig. 21-2	142945	B33-250-2-342-2	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	2	1,000	B30-R4300
Fig. 21-2	142946	B33-375-2-342-2	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	2	1,000	B30-R4300
Fig. 21-2	133879	B33-500-2-342-2	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 (0.07)	2	700	B30-R4300
Fig. 21-2	141658	B33-750-2-342-2	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	0.025 (0.6) +/- 0.003 (0.07)	2	500	B30-R4300
Fig. 21-2	133766	B33-1000-2-342-2	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 (0.07)	2	500	B30-R4300
Fig. 21-2	133808	B33-1500-2-342-2	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 (0.07)	2	150	B30-R4300
Fig. 21-2	133979	B33-94-2-342YL-2	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 (0.07)	2	2,000	B30-R4300
Fig. 21-2	133785	B33-125-2-342YL-2	Yellow	22 to 16	0.046 (1.2) - 0.111 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	2	2,000	B30-R4300
Fig. 21-2	133880	B33-500-2-342YL-2	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 (0.07)	2	700	B30-R4300
Fig. 21-2	145570	B33-750-2-342YL-2	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.35)	0.025 (0.6) +/- 0.003 (0.07)	2	500	B30-R4300
Fig. 21-2	133767	B33-1000-2-342YL-2	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 (0.07)	2	500	B30-R4300
Fig. 21-2	133809	B33-1500-2-342YL-2	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 (0.07)	2	300	B30-R4300

Diagram	Part #	Description	Colour	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)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, Double-side printable, 2" sleeve width (dimension A)											
Fig. 21	143019	B33D-94-2-342	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 (0.07)	1	1,000	B30-R4300
Fig. 21	143019	B33D-94-2-342	White	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R4300
Fig. 21	143021	B33D-125-2-342	White	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R4300
Fig. 21	143023	B33D-187-2-342	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	750	B30-R4300
Fig. 21	143025	B33D-250-2-342	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143027	B33D-375-2-342	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143029	B33D-500-2-342	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) +/- 0.003 (0.07)	1	350	B30-R4300
Fig. 21	143031	B33D-750-2-342	White	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	142937	B33D-1000-2-342	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 (0.07)	1	250	B30-R4300
Fig. 21	142989	B33D-1500-2-342	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 (0.07)	1	150	B30-R4300
Fig. 21	143020	B33D-94-2-342YL	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 (0.07)	1	1,000	B30-R4300
Fig. 21	143022	B33D-125-2-342YL	Yellow	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R4300
Fig. 21	143024	B33D-187-2-342YL	Yellow	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	750	B30-R4300
Fig. 21	143026	B33D-250-2-342YL	Yellow	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143028	B33D-375-2-342YL	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	143030	B33D-500-2-342YL	Yellow	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) +/- 0.003 (0.07)	1	350	B30-R4300
Fig. 21	142928	B33D-750-2-342YL	Yellow	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	142933	B33D-1000-2-342YL	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 (0.07)	1	250	B30-R4300
Fig. 21	142990	B33D-1500-2-342YL	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 (0.07)	1	150	B30-R4300
Fig. 21	142935	B33D-94-2-342BK	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 (0.07)	1	1,000	B30-R6700-WT
Fig. 21	142921	B33D-125-2-342BK	Black	22 to 16	0.046 (1.2) - 1.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	1,000	B30-R6700-WT
Fig. 21	142923	B33D-187-2-342BK	Black	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	750	B30-R6700-WT
Fig. 21	142924	B33D-250-2-342BK	Black	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R6700-WT
Fig. 21	142922	B33D-375-2-342BK	Black	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) +/- 0.003 (0.07)	1	500	B30-R6700-WT
Fig. 21	142925	B33D-500-2-342BK	Black	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) +/- 0.003 (0.07)	1	350	B30-R6700-WT
Fig. 21	142929	B33D-750-2-342BK	Black	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R6700-WT
Fig. 21	142869	B33D-1000-2-342BK	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 (0.07)	1	250	B30-R6700-WT
Fig. 21	142988	B33D-1500-2-342BK	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 (0.07)	1	150	B30-R6700-WT

2-pass double-sided sleeve printing with no wasted sleeves using i5300 printer and Brady Workstation

- Use double-sided sleeve module in Brady Workstation
- Change text content, size and even rotation for each side!



PermaSleeve® Fluid-Resistant Heat-Shrink Sleeves (B-344)

- Designed for labelling wires with exposure to fuels, lubricants and harsh chemicals such as in the installation of hydrogen fuel cells in aerospace
- Resistant to harsh chemicals including JP8 Jet Fuel, Skydrol® and DOT 3 brake fluid
- Meets SAE-AS23053/5
- Tested per: ASTM E162, ASTM E662, MIL-STD-202G

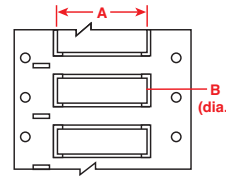


Figure 21

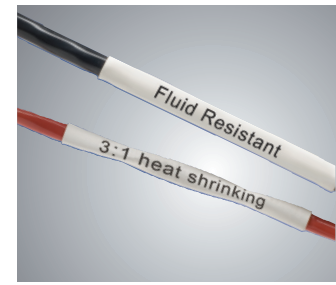


Diagram	Part #	Description	Colour	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, Double-side printable, 2" sleeve width (dimension A)											
Fig. 21	118999	B33D-94-2-344	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	1,000	B30-R6600
Fig. 21	119010	B33D-125-2-344	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	1,000	B30-R6600
Fig. 21	119021	B33D-187-2-344	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
Fig. 21	119032	B33D-250-2-344	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
Fig. 21	119043	B33D-375-2-344	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
Fig. 21	119054	B33D-500-2-344	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
Fig. 21	119065	B33D-750-2-344	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
Fig. 21	139829	B33D-1000-2-344	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
Fig. 21	119087	B33D-1500-2-344	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
Fig. 21	119000	B33D-94-2-344YL	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	1,000	B30-R6600
Fig. 21	119011	B33D-125-2-344YL	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	1,000	B30-R6600
Fig. 21	119022	B33D-187-2-344YL	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
Fig. 21	119033	B33D-250-2-344YL	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
Fig. 21	119044	B33D-375-2-344YL	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
Fig. 21	119055	B33D-500-2-344YL	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
Fig. 21	119066	B33D-750-2-344YL	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
Fig. 21	119077	B33D-1000-2-344YL	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
Fig. 21	119088	B33D-1500-2-344YL	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
Fig. 21	119005	B33D-94-2-344BK	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	1,000	B30-R6700-WT
Fig. 21	119016	B33D-125-2-344BK	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	1,000	B30-R6700-WT
Fig. 21	119027	B33D-187-2-344BK	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
Fig. 21	119038	B33D-250-2-344BK	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
Fig. 21	119049	B33D-375-2-344BK	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
Fig. 21	119060	B33D-500-2-344BK	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
Fig. 21	119071	B33D-750-2-344BK	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
Fig. 21	119082	B33D-1000-2-344BK	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
Fig. 21	119093	B33D-1500-2-344BK	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

PermaSleeve® High-Temp Heat-Shrink Sleeves (B-345)

- 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 NASA SP-R-0022A Outgassing Performance
- Meets SAE-AS-81531
- Tested per ASTM E162, ASTM E662 and MIL-STD-202

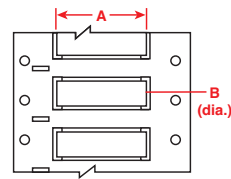


Figure 21



Diagram	Part #	Description	Colour	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)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio double-side printable, 2 in. sleeve width (dimension A)											
Fig. 21	142987	B33D-94-2-345	White	26 to 20	0.031 (0.8) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) +/- 0.003 (0.07)	1	1,000	B30-R6000
Fig. 21	142986	B33D-94-2-345BK	Black	26 to 20	0.031 (0.8) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) +/- 0.003 (0.07)	1	1,000	B30-R4400-WT
2:1 Shrink ratio double-side printable, 2 in. sleeve width (dimension A)											
Fig. 21	142973	B33D-125-2-345	White	20 to 16	0.063 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) +/- 0.003 (0.07)	1	1,000	B30-R6000
Fig. 21	142977	B33D-187-2-345	White	16 to 10	0.094 (2.4) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) +/- 0.003 (0.07)	1	750	B30-R6000
Fig. 21	142979	B33D-250-2-345	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	142981	B33D-375-2-345	White	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	142983	B33D-500-2-345	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) +/- 0.003 (0.07)	1	350	B30-R6000
Fig. 21	142985	B33D-750-2-345	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.375 (9.5)	0.015 (0.4) +/- 0.003 (0.07)	1	250	B30-R6000
Fig. 21	142971	B33D-1000-2-345	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) +/- 0.004 (0.1)	1	250	B30-R6000
Fig. 21	142975	B33D-1500-2-345	White	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) +/- 0.004 (0.1)	1	150	B30-R6000
Fig. 21	142972	B33D-125-2-345BK	Black	20 to 16	0.063 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) +/- 0.003 (0.07)	1	1,000	B30-R4400-WT
Fig. 21	142976	B33D-187-2-345BK	Black	16 to 10	0.094 (2.4) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) +/- 0.003 (0.07)	1	750	B30-R4400-WT
Fig. 21	142978	B33D-250-2-345BK	Black	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) +/- 0.003 (0.07)	1	500	B30-R4400-WT
Fig. 21	142980	B33D-375-2-345BK	Black	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) +/- 0.003 (0.07)	1	500	B30-R4400-WT
Fig. 21	142982	B33D-500-2-345BK	Black	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) +/- 0.003 (0.07)	1	350	B30-R4400-WT
Fig. 21	142984	B33D-750-2-345BK	Black	3 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.375 (9.5)	0.015 (0.4) +/- 0.003 (0.07)	1	250	B30-R4400-WT
Fig. 21	142970	B33D-1000-2-345BK	Black	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) +/- 0.004 (0.1)	1	250	B30-R4400-WT
Fig. 21	142974	B33D-1500-2-345BK	Black	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) +/- 0.004 (0.1)	1	150	B30-R4400-WT

PermaSleeve® Low Smoke Zero Halogen Heat-Shrink Sleeves (B-7641)

- Low halogen wire marking sleeves offer outstanding fire safety properties and minimal smoke emission
- Meets SAE-AS-81531 and EN45545-2
- Tested per ASTM E162, ASTM E662 and MIL-STD-202

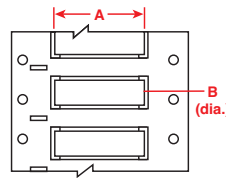


Figure 21



Diagram	Part #	Description	Colour	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)	Qty per Row	Qty per Roll	Rec. ribbon
2:1 Shrink ratio double-side printable, 2 in. sleeve width (dimension A)											
Fig. 21	140928	B33D-94-2-7641	White	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	140929	B33D-125-2-7641	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	140930	B33D-187-2-7641	White	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) +/- 0.003 (0.07)	1	450	B30-R6000
Fig. 21	140931	B33D-250-2-7641	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) +/- 0.003 (0.07)	1	400	B30-R6000
Fig. 21	140932	B33D-375-2-7641	White	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R6000
Fig. 21	140933	B33D-500-2-7641	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	225	B30-R6000
Fig. 21	140934	B33D-750-2-7641	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.374 (9.5)	0.030 (0.8) +/- 0.003 (0.07)	1	150	B30-R6000
Fig. 21	140935	B33D-1000-2-7641	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) +/- 0.005 (0.1)	1	150	B30-R6000
Fig. 21	140936	B33D-1500-2-7641	White	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) +/- 0.006 (0.2)	1	50	B30-R6000
Fig. 21	140919	B33D-94-2-7641Y	Yellow	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	140920	B33D-125-2-7641Y	Yellow	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R6000
Fig. 21	140921	B33D-187-2-7641Y	Yellow	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) +/- 0.003 (0.07)	1	450	B30-R6000
Fig. 21	140922	B33D-250-2-7641Y	Yellow	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) +/- 0.003 (0.07)	1	450	B30-R6000
Fig. 21	140923	B33D-375-2-7641Y	Yellow	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R6000
Fig. 21	140924	B33D-500-2-7641Y	Yellow	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	225	B30-R6000
Fig. 21	140925	B33D-750-2-7641Y	Yellow	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.374 (9.5)	0.030 (0.8) +/- 0.003 (0.07)	1	150	B30-R6000
Fig. 21	140926	B33D-1000-2-7641Y	Yellow	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) +/- 0.005 (0.1)	1	150	B30-R6000
Fig. 21	140927	B33D-1500-2-7641Y	Yellow	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) +/- 0.006 (0.2)	1	50	B30-R6000

PermaSleeve® 2:1 Heat-Shrink Sleeves (B-7642)

- Flame retardant and high-temp rated but not as high-temp as B-345 PermaSleeve
- Meets SAE-AS23053/5 and SAE-AS-81531
- Tested per ASTM E162, ASTM E662 and MIL-STD-202

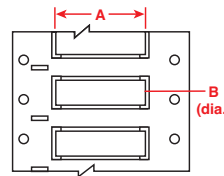


Figure 21

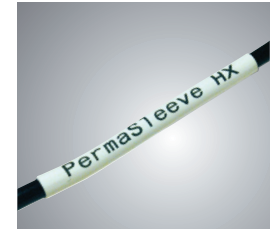


Diagram	Part #	Description	Colour	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
2:1 Shrink ratio single-side printable, 2 in. sleeve width (dimension A)											
Fig. 21	142897	B33-94-2-7642	White	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142898	B33-125-2-7642	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142899	B33-187-2-7642	White	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) +/- 0.003 (0.07)	1	450	B30-R4300
Fig. 21	142900	B33-250-2-7642	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) +/- 0.003 (0.07)	1	400	B30-R4300
Fig. 21	142901	B33-375-2-7642	White	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	142902	B33-500-2-7642	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	225	B30-R4300
Fig. 21	142903	B33-750-2-7642	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.374 (9.5)	0.030 (0.8) +/- 0.003 (0.07)	1	150	B30-R4300
Fig. 21	142904	B33-1000-2-7642	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) +/- 0.005 (0.1)	1	150	B30-R4300
Fig. 21	142905	B33-1500-2-7642	White	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) +/- 0.006 (0.2)	1	50	B30-R4300
Fig. 21	142906	B33-2000-2-7642	White	n/a	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) +/- 0.007 (0.2)	1	50	B30-R4300
2:1 Shrink ratio, Double-side printable, 2 in. sleeve width (dimension A)											
Fig. 21	142907	B33D-94-2-7642	White	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142908	B33D-125-2-7642	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) +/- 0.003 (0.07)	1	500	B30-R4300
Fig. 21	142909	B33D-187-2-7642	White	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) +/- 0.003 (0.07)	1	450	B30-R4300
Fig. 21	142910	B33D-250-2-7642	White	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) +/- 0.003 (0.07)	1	400	B30-R4300
Fig. 21	142911	B33D-375-2-7642	White	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	142912	B33D-500-2-7642	White	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) +/- 0.003 (0.07)	1	225	B30-R4300
Fig. 21	142913	B33D-750-2-7642	White	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.1)	0.374 (9.5)	0.030 (0.8) +/- 0.003 (0.07)	1	150	B30-R4300
Fig. 21	142914	B33D-1000-2-7642	White	2/0 to 0.950 dia	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) +/- 0.005 (0.1)	1	150	B30-R4300
Fig. 21	142915	B33D-1500-2-7642	White	n/a	0.750 (19.1) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) +/- 0.006 (0.2)	1	50	B30-R4300
Fig. 21	142916	B33D-2000-2-7642	White	n/a	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) +/- 0.007 (0.2)	1	50	B30-R4300

Zero-Halogen Polyurethane Cable Markers (B-7643)

- Thermoplastic polyether polyurethane is a zero-halogen high-density, thermoplastic cable marker
- The non-adhesive tag is pre-cut with 4 holes and tag is fastened to cable or wire harness bundle with cable ties
- Meets the requirements of a halogen-free material per IEC 61249-2-21 (2003-11)
- Excellent chemical, oil and water resistance
- For use in i3300 and i5300 Printers only
- Recommended that cut-off is turned to "no cut" on printer

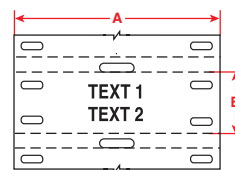


Figure 86



Diagram	Part #	Description	Colour	Tag width A inch (mm)	Tag height B inch (mm)	Tags per row	Tags per roll	Rec. ribbon
Fig. 86	197481	B33-60X10-7643-WT	White	2.360 (60.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	197488	B33-75X10-7643-WT	White	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	197495	B33-75X15-7643-WT	White	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	197503	B33-75X25-7643-WT	White	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000
Fig. 86	197482	B33-60X10-7643-YL	Yellow	2.360 (60.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	197489	B33-75X10-7643-YL	Yellow	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	197496	B33-75X15-7643-YL	Yellow	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	197504	B33-75X25-7643-YL	Yellow	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000
Fig. 86	197484	B33-60X10-7643-RD	Red	2.360 (60.0)	0.390 (9.91)	1	1,000	B30-R6000
Fig. 86	197491	B33-75X10-7643-RD	Red	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	197498	B33-75X15-7643-RD	Red	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	197506	B33-75X25-7643-RD	Red	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000

Heavy Duty Polyester Tags (B-551, B-851)

- Non-adhesive polyester tag provides superior durability and outdoor performance over paper tags
- All tags are user-printable on front side only – pre-printed reverse side text options available
- Tags comply with OSHA 1910.145(f) when printed with required signal word and major message, and exceed 50lb pull test for lockout application
- Blank tags are ideal for general industrial and colour coding applications
- Tags are pre-cut with large diameter mounting hole and are micro-perforated between tags to separate cleanly
- Snap-in plastic grommets available to add extra strength around mounting hole (catalog #20596, 100 per bag)

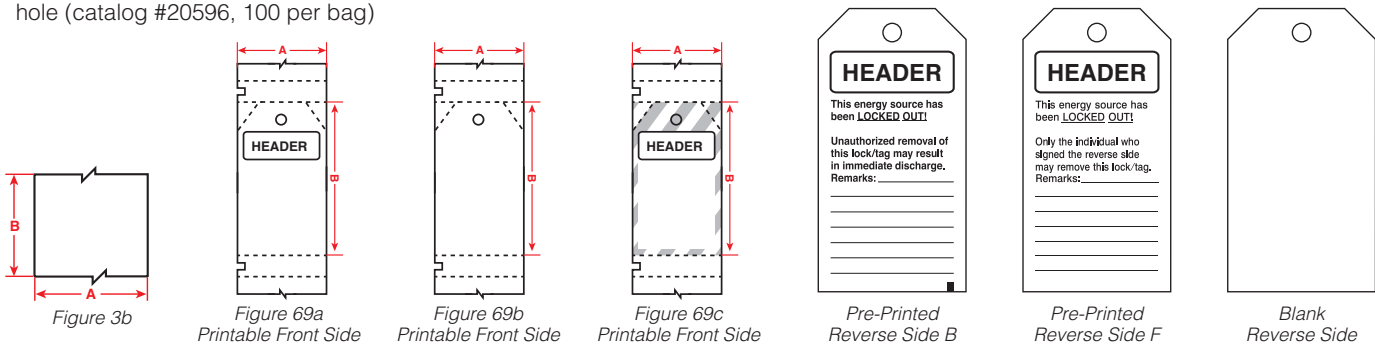


Diagram	Part #	Description	Colour	B#	Printable front side	Non-Printable Reverse side text	Tag width A	Tag length B	Tags per roll	Rec. ribbon
69c	176251	B30-255-851OSHADSB	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176252	B30-255-851-ANSIDB	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176253	B30-255-851-OSHADB	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176255	B30-255-851-WHT-B	White	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69c	176256	B30-255-851OSHADSF	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176257	B30-255-851-ANSIDF	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176258	B30-255-851-OSHADF	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176260	B30-255-851-WHT-F	White	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69c	176261	B30-255-851-OST-BK	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176267	B30-255-851-ANSIDA	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176268	B30-255-851-OSHADA	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69a	176269	B30-255-851-ANSICA	White w/Hdr	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176270	B30-255-851-WT	White	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176264	B30-255-851-RD	Red	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176262	B30-255-851-YL	Yellow	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176263	B30-255-851-GN	Green	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176266	B30-255-851-BL	Blue	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
69b	176265	B30-255-851-OR	Orange	B-851			B-851	3.250 (82.6)	5.750 (146.1)	100 B30-R10000
3b	118013	B30C-2500-551-WT	White	B-551			B-551	2.500 (63.5)	50 ft. (15.2m)	1 roll (cont.) B30-R10000
3b	118012	B30C-3250-551-WT	White	B-551			B-551	3.250 (82.6)	50 ft. (15.2m)	1 roll (cont.) B30-R10000
3b	118011	B30C-4250-551-WT	White	B-551			B-551	4.250 (107.9)	50 ft. (15.2m)	1 roll (cont.) B30-R10000

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

- Allows printer to create multicolour 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

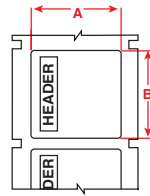


Figure 70a



Diagram	Part #	Description	B#	Material	Header	Label Height A Inch (mm)	Label Width B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 70a	142191	B30-241-595-OSHADA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142190	B30-25-595-OSHADA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142193	B30-241-595-OSHACA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142192	B30-25-595-OSHACA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142185	B30-241-595-ANSICA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142184	B30-25-595-ANSICA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142183	B30-241-595-ANSIDA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142182	B30-25-595-ANSIDA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142187	B30-241-595-ANSIWA	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142186	B30-25-595-ANSIWA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142189	B30-241-595-ANSINO	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142188	B30-25-595-ANSINO	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	139956	B30-25-595-PREC	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	139954	B30-25-595-PEL	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142196	B30-242-595-BLNKWT	B-595	Vinyl		1.125 (28.6)	2.750 (69.9)	1	300	B30-R10000
Fig. 70a	142195	B30-241-595-BLNKWT	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142197	B30-219-595-BLNKWT	B-595	Vinyl		2.250 (57.5)	3.750 (95.3)	1	250	B30-R10000
Fig. 70a	142194	B30-25-595-BLNKWT	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	142199	B30-241-595-BLNKYL	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	142198	B30-25-595-BLNKYL	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000

All-Weather Vinyl (B-595)

- For general facility and safety identification
- 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)

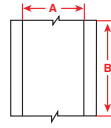


Figure 3

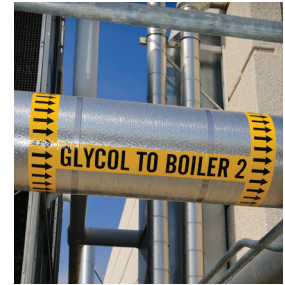


Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	142031	B30C-500-595-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142030	B30C-1125-595-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142029	B30C-2250-595-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142028	B30C-3000-595-WT	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142027	B30C-4000-595-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142036	B30C-500-595-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142035	B30C-1125-595-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142034	B30C-2250-595-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142033	B30C-3000-595-YL	Yellow	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142032	B30C-4000-595-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142026	B30C-500-595-RD	Red	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142025	B30C-1125-595-RD	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142024	B30C-2250-595-RD	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142023	B30C-4000-595-RD	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141994	B30C-500-595-BL	Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141993	B30C-1125-595-BL	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141992	B30C-2250-595-BL	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141991	B30C-4000-595-BL	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig 3	176250	B30C-2250-595-LB	Light Blue	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	176239	B30C-4000-595-LB	Light Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142010	B30C-500-595-GN	Green	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142009	B30C-1125-595-GN	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142008	B30C-2250-595-GN	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142007	B30C-4000-595-GN	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142018	B30C-500-595-OR	Orange	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142017	B30C-1125-595-OR	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142016	B30C-2250-595-OR	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142015	B30C-4000-595-OR	Orange	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	141990	B30C-500-595-BK	Black	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141989	B30C-1125-595-BK	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141988	B30C-2250-595-BK	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141987	B30C-4000-595-BK	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141998	B30C-500-595-BR	Brown	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141997	B30C-1125-595-BR	Brown	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141996	B30C-2250-595-BR	Brown	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	141995	B30C-4000-595-BR	Brown	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig 3	146042	B30C-1125-595-OC	Ochre	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	146043	B30C-2250-595-OC	Ochre	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	146044	B30C-4000-595-OC	Ochre	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142006	B30C-500-595-GD	Gold	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142005	B30C-1125-595-GD	Gold	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142004	B30C-2250-595-GD	Gold	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142003	B30C-4000-595-GD	Gold	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142014	B30C-500-595-GY	Gray	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142013	B30C-1125-595-GY	Gray	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142012	B30C-2250-595-GY	Gray	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142011	B30C-4000-595-GY	Gray	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142022	B30C-500-595-PL	Purple	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142021	B30C-1125-595-PL	Purple	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142020	B30C-2250-595-PL	Purple	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	142019	B30C-4000-595-PL	Purple	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig 3	178691	B30C-500-595-PK	Pink	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	178692	B30C-1125-595-PK	Pink	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	178693	B30C-2250-595-PK	Pink	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	178694	B30C-4000-595-PK	Pink	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142002	B30C-500-595-CL	Clear	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142001	B30C-1125-595-CL	Clear	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	142000	B30C-2250-595-CL	Clear	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	141999	B30C-4000-595-CL	Clear	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000

Low-Halide Multi-Purpose Polyester (B-569)

- Low-halide content for labelling stainless steel pipes and surfaces.
- Adheres best to very smooth surfaces and ideal for mounting to rigid panels

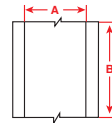


Figure 3



Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	117989	B30C-500-569-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117988	B30C-1125-569-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117987	B30C-2250-569-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117986	B30C-3000-569-WT	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117985	B30C-4000-569-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117993	B30C-500-569-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117992	B30C-1125-569-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117991	B30C-2250-569-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117990	B30C-4000-569-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117976	B30C-500-569-RD	Red	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117975	B30C-1125-569-RD	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117974	B30C-2250-569-RD	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117973	B30C-4000-569-RD	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117936	B30C-500-569-BL	Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117935	B30C-1125-569-BL	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117934	B30C-2250-569-BL	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117933	B30C-4000-569-BL	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117956	B30C-500-569-LB	Light Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117955	B30C-1125-569-LB	Light Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117954	B30C-2250-569-LB	Light Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117953	B30C-4000-569-LB	Light Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117980	B30C-500-569-SB	Sky Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117979	B30C-1125-569-SB	Sky Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117978	B30C-2250-569-SB	Sky Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117977	B30C-4000-569-SB	Sky Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117948	B30C-500-569-GN	Green	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117947	B30C-1125-569-GN	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117946	B30C-2250-569-GN	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117945	B30C-4000-569-GN	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117964	B30C-500-569-OR	Orange	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117963	B30C-1125-569-OR	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117962	B30C-2250-569-OR	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117961	B30C-4000-569-OR	Orange	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117932	B30C-500-569-BK	Black	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117931	B30C-1125-569-BK	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117930	B30C-2250-569-BK	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117929	B30C-4000-569-BK	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117940	B30C-500-569-BR	Brown	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117939	B30C-1125-569-BR	Brown	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117938	B30C-2250-569-BR	Brown	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117937	B30C-4000-569-BR	Brown	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117960	B30C-500-569-OC	Ochre	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117959	B30C-1125-569-OC	Ochre	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117958	B30C-2250-569-OC	Ochre	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117957	B30C-4000-569-OC	Ochre	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117984	B30C-500-569-TN	Tan	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117983	B30C-1125-569-TN	Tan	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117982	B30C-2250-569-TN	Tan	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117981	B30C-4000-569-TN	Tan	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117952	B30C-500-569-GY	Gray	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117951	B30C-1125-569-GY	Gray	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117950	B30C-2250-569-GY	Gray	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117949	B30C-4000-569-GY	Gray	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117972	B30C-500-569-PL	Purple	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117971	B30C-1125-569-PL	Purple	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117970	B30C-2250-569-PL	Purple	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117969	B30C-4000-569-PL	Purple	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	117968	B30C-500-569-PK	Pink	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117967	B30C-1125-569-PK	Pink	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117966	B30C-2250-569-PK	Pink	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117965	B30C-4000-569-PK	Pink	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117944	B30C-500-569-CL	Clear	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117943	B30C-1125-569-CL	Clear	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117942	B30C-2250-569-CL	Clear	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117941	B30C-4000-569-CL	Clear	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000

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

- Withstands high pressure, heat, harsh chemicals and numerous washdown cycles
- Legible and long-lasting for even the toughest washdown cycles
- Ideal for use in the food and beverage industry
- B-854 offers metal detectable layer to allow detection in food stream

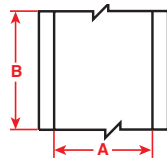


Figure 3

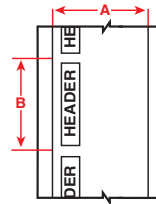


Figure 73



Diagram	Part #	Description #	B#	Colour/ Header	Label Width A Inch (mm)	Length B Inch (mm)	Labels Per Roll	Rec. Ribbon
ToughWash Metal Detectable Material (B-854):								
Fig. 3	133119	B30C-4000-854-YL	B-854		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133120	B30C-4000-854-WT	B-854		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 73	139804	B30-25-854-OSHADA	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133123	B30-25-854-ANSIWA	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133124	B30-25-854-ANSIDA	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133125	B30-25-854-ANSICA	B-854		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
ToughWash Material (B-855):								
Fig. 3	133146	B30C-1125-855-YL	B-855		1.125 (28.6)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133142	B30C-2250-855-YL	B-855		2.250 (57.5)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133144	B30C-4000-855-YL	B-855		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133147	B30C-1125-855-WT	B-855		1.125 (28.6)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133143	B30C-2250-855-WT	B-855		2.250 (57.5)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	133145	B30C-4000-855-WT	B-855		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 73	139803	B30-25-855-OSHADA	B-855		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133148	B30-25-855-ANSIWA	B-855		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133149	B30-25-855-ANSIDA	B-855		4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	133150	B30-25-855-ANSICA	B-855		4.000 (101.06)	6.250 (158.8)	100	B30-R6000

Chemical and Solvent Resistant Matte Polypropylene Labels (B-425A)

- Excellent solvent, fuel oil and liquids resistance
- Also has write-on ability for printed labels that require future hand-written data be added
- Flexible material conforms to irregular surfaces better than traditional polyesters
- Consult technical data sheet for UL / CSA ratings and complete performance and testing details

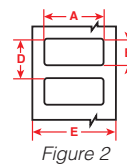
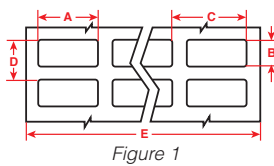


Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	142962	B33-5-425	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R4300
Fig. 1	153321	B33-6-425	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,300	B30-R4300
Fig. 2	153320	B33-53-425	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,000	B30-R4300
Fig. 2	142891	B33-17-425	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R4300
Fig. 2	153322	B33-7-425	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R4300
Fig. 2	142892	B33-18-425	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R4300
Fig. 2	143053	B33-19-425	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R4300
Fig. 2	153325	B33-20-425	White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.1)	3.200 (81.3)	1	250	B30-R4300
Fig. 2	153323	B33-55-425	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	600	B30-R4300
Fig. 2	153324	B33-76-425	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	400	B30-R4300

Retro Reflective All-Weather Labels (B-584)

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

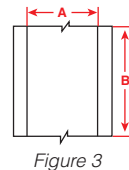


Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	117999	B30C-1125-584-SL	Silver	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117998	B30C-2250-584-SL	Silver	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117997	B30C-4000-584-SL	Silver	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	118002	B30C-1125-584-YL	Yellow	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	118001	B30C-2250-584-YL	Yellow	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	118000	B30C-4000-584-YL	Yellow	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117996	B30C-1125-584-OR	Orange	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117995	B30C-2250-584-OR	Orange	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117994	B30C-4000-584-OR	Orange	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000

BradyGlo™ High-Intensity Glow-in-the-Dark Labels (B-526)

- For glow-in-the-dark identification up to 10 hours
- Designed for directional, evacuation 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

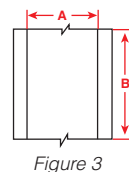


Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	117928	B30C-1125-526	Luminous Green	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117926	B30C-2250-526	Luminous Green	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	117924	B30C-4000-526	Luminous Green	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000

Printable Magnetic Labels

(B-509)

- Easiest and quickest material for removing and repositioning
- Non-adhesive magnetic material that can be printed on directly
- Ideal for changing shelf storage locations, and reusable/repositionable Lean / 5S applications

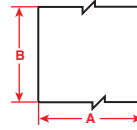


Figure 3b



Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3b	117917	B30C-2500-509-WT	White	2.500 (63.5)	25 (7.62)	1 roll (cont.)	B30-R10000
Fig. 3b	117916	B30C-4250-509-WT	White	4.250 (107.8)	25 (7.62)	1 roll (cont.)	B30-R10000
Fig. 3b	117919	B30C-2500-509-YL	Yellow	2.500 (63.5)	25 (7.62)	1 roll (cont.)	B30-R10000
Fig. 3b	117918	B30C-4250-509-YL	Yellow	4.250 (107.8)	25 (7.62)	1 roll (cont.)	B30-R10000

Repositionable Multi-Purpose Vinyl

(B-581)

- Aggressive adhesive stays in place but removes cleanly without leaving adhesive residue
- Ideal for temporary, removable and repositionable facility labels, such as Lean / 5S inventory labels

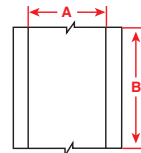


Figure 3



Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	118006	B30C-500-581-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118005	B30C-1125-581-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118004	B30C-2250-581-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118003	B30C-4000-581-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118010	B30C-500-581-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118009	B30C-1125-581-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118008	B30C-2250-581-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	118007	B30C-4000-581-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000

Cold Temperature Application Labels

(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

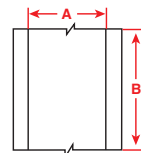


Figure 3



Diagram	Part #	Description	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	117862	B30C-1125-549-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117861	B30C-2250-549-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117860	B30C-4000-549-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117865	B30C-1125-549-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117864	B30C-2250-549-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	117863	B30C-4000-549-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000

Pre-Printed GHS / CLP Chemical Labels (B-569, B-7569)

- Blank labels with pre-printed red diamonds allow the printer to produce 2-colour GHS / CLP labels in one print pass
- Three sizes of labels, each with six diamond layouts that match templates in the printer app (if applicable) or in the Brady Workstation GHS App
- Indoor / outdoor vinyl material and durable inks withstand exposure to moisture, chemicals and handling



Part #	Description	B#	Material	Legend		Label Height Inch (mm)	Label Width Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
121633	B30-260-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121639	B30-261-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121645	B30-262-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
121634	B30-260-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121640	B30-261-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121646	B30-262-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
121635	B30-260-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121641	B30-261-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121647	B30-262-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
121636	B30-260-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121642	B30-261-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121648	B30-262-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
121637	B30-260-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121643	B30-261-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121649	B30-262-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
149503	B30-260-569-CLP4B	B-569	Polyester		L4B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
121638	B30-260-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
149504	B30-261-569-CLP4B	B-569	Polyester		L4B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
121644	B30-261-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
149505	B30-262-569-CLP4B	B-569	Polyester		L4B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
121650	B30-262-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
149209	B30-18-7569-CLP4C	B-7569	Vinyl		L4C Diamond + Text	1.000 (25.4)	3.000 (76.2)	1	1,000	B30-R10000

Easily create your GHS labels with Brady Workstation GHS App

- Use built-in pre-formatted label layouts with approved GHS symbols
- Search the built-in chemical database by CAS number to auto-populate your label, then edit to meet your specific SDS
- Print any of the six template sizes
- No driver required when using the BradyPrinter i5300



General Identification Die Cut Labels for Bins, Shelves, Tools and Production Areas

(B-439, B-498, B-499, B-595)

- These labels are all highly conforming to irregular, angled or rough surfaces frequently found in industrial production line areas
- Die-cut labels are an ideal choice when pre-cut labels are preferred or consistent label sizing is required
- B-595 is a convenient cut-to-length continuous material that reduces the need to stock multiple parts when inconsistent label lengths are expected

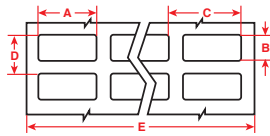


Figure 1

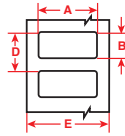


Figure 2

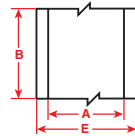


Figure 3a

Diagram	Part #	Description	Colour	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Vinyl - Highly pliable and conforming with aggressive permanent adhesive and excellent chemical resistance (B-439)											
Fig. 1	152853	B33-5-439	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	7,000	B30-R6000
Fig. 1	152857	B33-37-439	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	5,000	B30-R6000
Fig. 2	152858	B33-53-439	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,500	B30-R6000
Fig. 2	152854	B33-17-439	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.5)	2.200 (55.9)	1	1,000	B30-R6000
Fig. 2	152855	B33-18-439	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.5)	3.350 (85.1)	1	1,000	B30-R6000
Fig. 2	152856	B33-19-439	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (53.9)	3.200 (81.3)	1	700	B30-R6000
Fig. 2	152859	B33-55-439	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (53.9)	4.200 (106.7)	1	700	B30-R6000
Fig. 2	152860	B33-76-439	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.3)	4.200 (106.7)	1	500	B30-R6000
Flexible Vinyl Cloth - Pliable with aggressive hold adhesive that can be removed and reapplied (B-498)											
Fig. 1	143074	B33-68-498	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	5,000	B30-R6200
Fig. 1	143009	B33-87-498	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	2,500	B30-R6200
Fig. 1	142966	B33-5-498	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6200
Fig. 1	142874	B33-88-498	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R6200
Fig. 1	142967	B33-89-498	White	1.000 (25.4)	1.437 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	2,300	B30-R6200
Flexible Nylon Cloth - Permanent adhesive (B-499)											
Fig. 1	143018	B33-68-499	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	4	1,500	B30-R6000
Fig. 1	143002	B33-165-499	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	B30-R6000
Fig. 1	153086	B33-5-499	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 1	153087	B33-88-499	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	B30-R6000
Fig. 2	142997	B33-136-499	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.770 (45.0)	1	1,500	B30-R6000
Fig. 2	143066	B33-137-499	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,100	B30-R6000
Glossy Polyester - Ultra-aggressive adhesive for flat but highly textured surfaces (B-483)											
Fig. 1	133806	B33-149-483	Gloss White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.600 (15.2)	2.500 (63.5)	4	5,000	B30-R6000
Fig. 2	143084	B33-17-483	Gloss White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	B30-R6000
Fig. 2	143079	B33-18-483	Gloss White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	B30-R6000
Fig. 2	133897	B33-55-483	Gloss White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	1,000	B30-R6000
Fig. 1	143075	B33-5-483	Gloss White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	133965	B33-7-483	Gloss White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6000
Fig. 2	142956	B33-19-483	Gloss White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	750	B30-R6000
Cut-to-Length Vinyl - Highly pliable all weather with aggressive permanent adhesive (B-595)											
Fig. 3a	142031	B30C-500-595-WT	White	0.500 (12.7)	100 ft. (30.5 m)	-	-	0.700 (17.8)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142030	B30C-1125-595-WT	White	1.125 (28.6)	100 ft. (30.5 m)	-	-	1.375 (34.9)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142036	B30C-500-595-YL	Yellow	0.500 (12.7)	100 ft. (30.5 m)	-	-	0.700 (17.8)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142035	B30C-1125-595-YL	Yellow	1.125 (28.6)	100 ft. (30.5 m)	-	-	1.375 (34.9)	1	1 roll (cont.)	B30-R10000

ToughStripe® Printable Floor Marking Tape (B-483A with overlamine)

- Revolutionary B-483A material has ultra-aggressive adhesive
- Withstands forklift and pallet jack traffic without tearing or lifting
- Each roll ships with a roll of clear overlamine which must be applied over printed label and onto appropriate surface for best performance

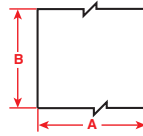


Figure 3b



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3b	139950	B30C-1125-483WT-KT	B-483	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139949	B30C-2250-483WT-KT	B-483	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139947	B30C-4000-483WT-KT	B-483	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139948	B30C-3000-483WT-KT	B-483	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139946	B30C-1125-483YL-KT	B-483	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139945	B30C-2250-483YL-KT	B-483	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139944	B30C-3000-483YL-KT	B-483	Yellow	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139943	B30C-4000-483YL-KT	B-483	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139942	B30C-1125-483RD-KT	B-483	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139941	B30C-2250-483RD-KT	B-483	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139940	B30C-4000-483RD-KT	B-483	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139939	B30C-1125-483BL-KT	B-483	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139938	B30C-2250-483BL-KT	B-483	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139937	B30C-4000-483BL-KT	B-483	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139936	B30C-1125-483GN-KT	B-483	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139935	B30C-2250-483GN-KT	B-483	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139934	B30C-4000-483GN-KT	B-483	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139933	B30C-1125-483BK-KT	B-483	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139932	B30C-2250-483BK-KT	B-483	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139931	B30C-4000-483BK-KT	B-483	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	139930	B30C-1125-483OR-KT	B-483	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139929	B30C-2250-483OR-KT	B-483	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	139928	B30C-4000-483OR-KT	B-483	Orange	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R6000

Microscope Slide Labels (B-481)

- Designed specifically to identify slides and to resist exposure to harsh chemicals during the slide-staining process
- Performs well in stains such as hematoxylin and eosin
- Extreme chemical resistance withstands the rigors of typical deparaffinization, including ethanol, xylene and H&E staining processes

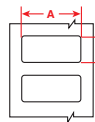


Figure 2

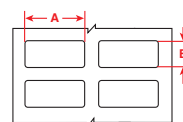


Figure 25



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 2	143055	B33-194-481	B-481	White	0.900 (22.9)	0.750 (19.1)	1	2,000	B30-R6400
Fig. 25	143047	B33-141-481	B-481	White	0.900 (22.9)	0.900 (22.9)	2	1,500	B30-R6400
Fig. 2	133831	B33-195-481	B-481	White	0.900 (22.9)	0.375 (9.5)	1	3,000	B30-R6400

Cryogenic Tube and Vial Labels

(B-461, B-490, B-492, B-7425)

FreezerBondz™ labels can be applied to room temperature or already frozen samples, with a small overlap. The label remains legible and will stick to the tube during processing, even when immersed in liquid or vapor phase nitrogen and ultra-low temperature freezer storage.

- **B-461 Self-Laminating Polyester:** Ultra-thin polyester label with clear overlaminating tail that protects print and allows liquid levels to be visible
- **B-490 Polyester:** White FreezerBondz label ideal for flat frozen surfaces. Adheres to frozen tubes and vials when wrapped around itself by at least 1/8 in.
- **B-492 Polyester:** FreezerBondz ultra-thin white polyester label for labelling of frosted/frozen or room temperature vials, tubes and canes. Superior chemical and abrasion resistance
- **B-7425 Polypropylene:** Ideal for labelling dry, room temperature specimen containers. Material withstands temperature ranges from -320° to 248° F (-196° to 121° C). Chemical resistance to ethanol, DMSO, IPS, short-term xylene, 10% formalin, 50% acetic acid and toluene

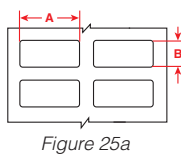
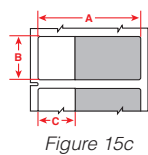
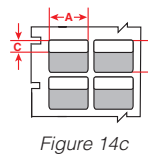
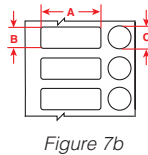
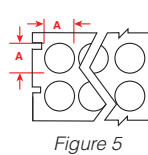
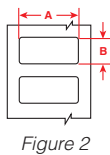


Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Self-Laminating Polyester (B-461):										
Fig. 15c	143012	B33-127-461	B-461	White/Clear	0.500 (12.7)	2.200 (55.9)	0.750 (19.1)	1	1,500	B30-R4300
Fig. 15c	143014	B33-133-461	B-461	White/Clear	0.600 (15.2)	1.625 (41.3)	1.000 (25.4)	1	1,500	B30-R4300
Fig. 15c	133821	B33-183-461	B-461	White/Clear	1.750 (44.5)	1.000 (25.4)	1.000 (25.4)	1	2,000	B30-R4300
Fig. 15c	143043	B33-122-461	B-461	White/Clear	1.800 (45.7)	0.500 (12.7)	0.750 (19.1)	1	1,500	B30-R4300
Fig. 14c	143013	B33-276-461	B-461	White/Clear	2.625 (66.7)	1.000 (25.4)	1.000 (25.4)	1	1,500	B30-R4300
Fig. 14c	143046	B33-139-461	B-461	White/Clear	1.000 (25.4)	5.250 (133.4)	1.500 (38.1)	2	650	B30-R4300
Fig. 15c	143010	B33-123-461	B-461	White/Clear	1.800 (45.7)	0.375 (9.5)	0.750 (19.1)	1	1,500	B30-R4300
Fig. 15c	142999	B33-153-461	B-461	White/Clear	2.625 (66.7)	0.600 (15.2)	0.600 (15.2)	1	1,500	B30-R4300
Fig. 15c	143044	B33-134-461	B-461	White/Clear	3.500 (88.9)	1.500 (38.1)	1.250 (31.8)	1	1,000	B30-R4300
Polyester (B-490):										
Fig. 5	142940	B33-144-490	B-490	White	0.500 (12.7)	0.500 (12.7)	-	3	2,500	B30-R4300
Fig. 25a	142943	B33-68-490	B-490	White	0.500 (12.7)	0.750 (19.1)	-	4	2,500	B30-R4300
Fig. 2	142938	B33-125-490	B-490	White	0.900 (22.9)	0.500 (12.7)	-	1	1,650	B30-R4300
Fig. 7b	142939	B33-126-490	B-490	White	0.900 (22.9)	0.500 (12.7)	0.500 (12.7) dia.	1	2,500	B30-R4300
Fig. 2	142893	B33-154-490	B-490	White	1.250 (31.8)	0.375 (9.5)	-	1	1,500	B30-R4300
Fig. 2	143089	B33-155-490	B-490	White	1.625 (41.3)	0.600 (15.2)	-	1	1,500	B30-R4300
Fig. 2	142894	B33-156-490	B-490	White	1.900 (48.2)	1.000 (25.4)	-	1	1,500	B30-R4300
Fig. 2	142941	B33-151-490	B-490	White	2.000 (50.8)	0.250 (6.4)	-	1	2,500	B30-R4300
Fig. 2	142895	B33-157-490	B-490	White	2.200 (55.9)	1.500 (38.1)	-	1	1,000	B30-R4300
Fig. 2	142896	B33-158-490	B-490	White	3.750 (95.3)	1.750 (44.4)	-	1	1,100	B30-R4300
Polyester (B-492):										
Fig. 5	142918	B33-143-492	B-492	White	0.375 (9.5) dia.	-	-	4	1,500	B30-R6400
Fig. 5	142919	B33-144-492	B-492	White	0.500 (12.7)	0.500 (12.7)	-	3	1,500	B30-R6400
Fig. 7b	143082	B33-182-492	B-492	White	0.500 (12.7)	1.000 (25.4)	0.44 (11.2) dia.	1	1,500	B30-R6400
Fig. 2	143051	B33-180-492	B-492	White	0.900 (22.9)	1.000 (25.4)	-	1	1,500	B30-R6400
Fig. 25a	142942	B33-152-492	B-492	White	1.000 (25.4)	0.375 (9.5)	-	2	2,500	B30-R6400
Fig. 7b	143000	B33-163-492	B-492	White	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	1	1,500	B30-R6400
Fig. 7b	143100	B33-181-492	B-492	White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	1	1,500	B30-R6400
Fig. 2	143063	B33-59-492	B-492	White	1.000 (25.4)	0.500 (12.7)	-	1	2,500	B30-R6400
Fig. 2	143067	B33-179-492	B-492	White	1.000 (25.4)	1.000 (25.4)	-	1	1,900	B30-R6400
Fig. 2	134102	B33-155-492	B-492	White	1.625 (41.3)	0.600 (15.2)	-	1	1,500	B30-R6400
Fig. 7b	134096	B33-190-492	B-492	White	1.625 (41.3)	0.600 (15.2)	0.375 (9.5) dia.	1	1,500	B30-R6400
Fig. 2	142917	B33-156-492	B-492	White	1.900 (48.3)	1.000 (25.4)	-	1	1,500	B30-R6400
Fig. 2	151609	B33-289-492	B-492	White	3.750 (95.3)	0.250 (6.4)	-	8	15,000	B30-R6400
Polypropylene (B-7425):										
Fig. 2	148677	B33-257-7425	B-7425	White	0.825 (21.0)	0.250 (6.4)	-	1	1,500	B30-R4300
Fig. 25a	148681	B33-152-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	-	2	2,000	B30-R4300
Fig. 2	148673	B33-59-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	-	1	2,000	B30-R4300
Fig. 25a	148680	B33-88-7425	B-7425	White	1.000 (25.4)	0.750 (19.1)	-	2	2,000	B30-R4300
Fig. 2	148671	B33-256-7425	B-7425	White	1.300 (33.0)	0.600 (15.2)	-	1	1,500	B30-R4300
Fig. 25a	148679	B33-37-7425	B-7425	White	1.500 (38.1)	0.500 (12.7)	-	2	1,500	B30-R4300
Fig. 2	148672	B33-235-7425	B-7425	White	1.500 (38.1)	1.000 (25.4)	-	1	1,250	B30-R4300
Fig. 2	148678	B33-151-7425	B-7425	White	2.000 (50.8)	0.250 (6.4)	-	1	2,000	B30-R4300
Fig. 2	148674	B33-53-7425	B-7425	White	2.000 (50.8)	0.500 (12.7)	-	1	2,000	B30-R4300

Centrifuge and PCR Tube Labels

(B-499, B-7425)

Designed with ultra-thin material that prevents vials from jamming in centrifuges or racks, these labels withstand harsh temperatures and chemicals without falling off, fading or smearing.

- **B-499 Nylon Cloth:** Thick white nylon cloth for easy handling and conformability
- **B-7425 Polypropylene:** Moderate chemical resistance, ideal for labelling dry, room-temperature specimen containers that withstand temperature ranges from -320° to 248° F (-196° to 121° C). Chemical resistance to ethanol, DMSO, IPS, short-term xylene, 10% formalin, 50% acetic acid and toluene

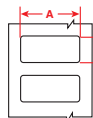


Figure 2

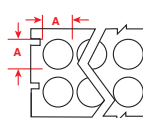


Figure 5

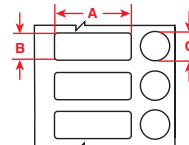


Figure 7b



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Label Height B Inch (mm)	Vial Top Dia. C Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Nylon Cloth (B-499):										
Fig. 5	143015	B33-143-499	B-499	White	0.375 (9.5)	–	–	4	1,500	B30-R6000
Fig. 5	143016	B33-144-499	B-499	White	0.500 (12.7)	–	–	3	1,500	B30-R6000
Polypropylene (B-7425):										
Fig. 2	148677	B33-257-7425	B-7425	White	0.825 (21.0)	0.250 (6.4)	–	1	1,500	B30-R4300
Fig. 2	148681	B33-152-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	–	2	2,000	B30-R4300
Fig. 7b	148682	B33-249-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	0.375 (9.5) dia.	1	1,500	B30-R4300
Fig. 2	148673	B33-59-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	–	1	2,000	B30-R4300
Fig. 7b	148670	B33-251-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	0.440 (11.1) dia.	1	1,500	B30-R4300
Fig. 2	148675	B33-179-7425	B-7425	White	1.000 (25.4)	1.000 (25.4)	–	1	1,500	B30-R4300
Fig. 2	148671	B33-256-7425	B-7425	White	1.300 (33.0)	0.600 (15.2)	–	1	1,500	B30-R4300
Fig. 2	148679	B33-37-7425	B-7425	White	1.500 (38.1)	0.500 (12.7)	–	2	1,500	B30-R4300
Fig. 2	148676	B33-136-7425	B-7425	White	1.500 (38.1)	0.750 (19.1)	–	1	1,500	B30-R4300
Fig. 2	148684	B33-258-7425	B-7425	White	1.500 (38.1)	1.750 (44.5)	–	1	900	B30-R4300
Fig. 2	148683	B33-137-7425	B-7425	White	2.000 (50.8)	1.000 (25.4)	–	1	1,500	B30-R4300

Colour-Stripe Polyester Lab Labels

(B-494)

White labels with preprinted colour borders for colour-coding samples. Ultra-thin material that prevents vials from jamming in centrifuges or racks, these labels withstand harsh temperatures and chemicals without falling off, fading or smearing. The coloured boarder is non-printable, but the coloured vial top is printable.

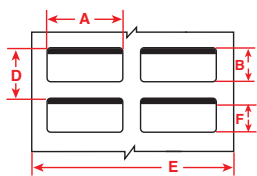


Figure 25c

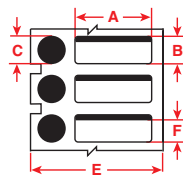


Figure 24b

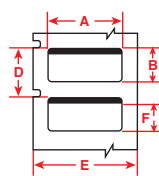


Figure 2e

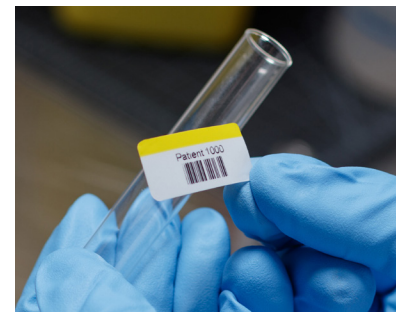


Diagram	Part #	Description	Border Colour	Label width A inch (mm)	Label height B inch (mm)	Print-On Height C inch (mm)	Print-On Height F inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 25c	149808	B33-152-494-BL	Blue	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	149810	B33-152-494-GN	Green	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	149809	B33-152-494-OR	Orange	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	149811	B33-152-494-PK	Pink	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	149807	B33-152-494-RD	Red	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	149806	B33-152-494-YL	Yellow	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 24b	149784	B33-250-494-BL	Blue	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 24b	149786	B33-250-494-GN	Green	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 24b	149785	B33-250-494-OR	Orange	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 24b	149787	B33-250-494-PK	Pink	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 24b	149783	B33-250-494-RD	Red	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 24b	149782	B33-250-494-YL	Yellow	1.000 (25.4)	0.500 (12.7)	0.375 (9.5) dia.	0.375 (9.5)	1	1,500	B30-R6400
Fig. 2e	149790	B33-179-494-BL	Blue	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	149792	B33-179-494-GN	Green	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	149791	B33-179-494-OR	Orange	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	149793	B33-179-494-PK	Pink	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	149789	B33-179-494-RD	Red	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	149788	B33-179-494-YL	Yellow	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400

Dissolvable Paper Labels

(B-403)

- Designed for temporary applications where easy removal, re-identification or waste reduction are valued
- Ideal for labelling vials, tubes or general glassware, temporary asset tracking, animal housing identification, and general use
- Completely dissolves in warm water within 30 seconds, leaving no adhesive residue

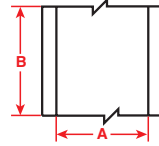


Figure 3



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Roll Length B feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	149268	B30C-1125-403-WT	B-403	White	1.125 (28.575)	100 (30.5)	1 (cont.)	B30-R4300
Fig. 3	149269	B30C-2250-403-WT	B-403	White	2.250 (57.15)	100 (30.5)	1 (cont.)	B30-R4300
Fig. 3	149270	B30C-3000-403-WT	B-403	White	3.000 (76.2)	100 (30.5)	1 (cont.)	B30-R4300
Fig. 3	149271	B30C-4000-403-WT	B-403	White	4.000 (101.6)	100 (30.5)	1 (cont.)	B30-R4300

Sterilisation Indicating Labels

(B-7425-AC)

- Specially designed with a pre-printed "sterilized" header that indicates steam sterilisation with a colour-changing pre-printed header when autoclaved at 250.7° F (121.5° C) for 10 minutes
- Withstands temperature ranges from -320° to 248° F (-196° to 121° C)
- For use in LN2, freezers, autoclave and hot water baths
- Chemical resistance to ethanol, DMSO, IPS, short-term xylene, 10% formalin, 50% acetic acid and toluene

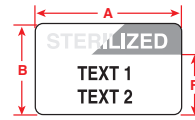


Figure 29a



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Label Height B Inch (mm)	Print Area Height F Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 29a	149261	B33-235-7425-AC	B-7425-AC	White	1.500 (38.1)	1.000 (25.4)	0.750 (19.1)	1	1,250	B30-R4300
Fig. 29a	149262	B33-137-7425-AC	B-7425-AC	White	2.000 (50.8)	1.000 (25.4)	0.750 (19.1)	1	1,500	B30-R4300

Tissue Cassette Labels

(B-481)

- White polyester label with superior resistance to tissue processing chemicals and embedding procedures. Use with the BSP™31 Label Attachment system for pre-process tissue cassette identification

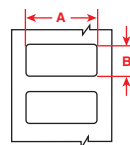


Figure 2



Diagram	Part #	Description	B#	Colour	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 2	151979	B33-199-481	B-481	White	1.050 (26.7)	0.250 (6.4)	1	3,000	B30-R6400
Fig. 2	151980	B33-213-481	B-481	White	1.050 (26.7)	0.313 (8.0)	1	3,000	B30-R6400

General Identification for Laboratory Storage, Equipment and Safety Labels

(B-499, B-595, B-7569)

- Super strong adhesives and colours ideal for marking laboratory equipment, containers, hoses and lab storage cabinets, shelves and drawers
- GHS labels available for marking chemicals in the lab and shipment boxes when collaborating with other labs
- Pre-printed sign header labels make your safety and housekeeping reminders stand out and stay put!

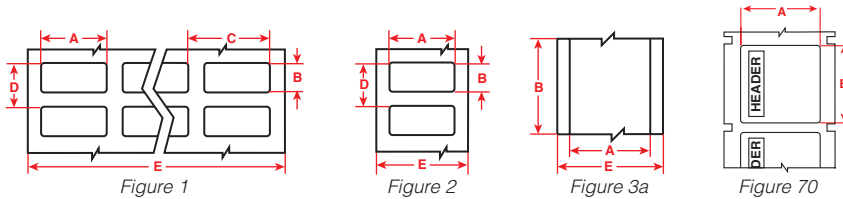


Diagram	Part #	Description	Colour / Legend	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Roll Length B Feet (m)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Nylon Cloth - Permanent Adhesive (B-499):												
Fig. 1	143018	B33-68-499	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.875 (22.2)	2.500 (63.5)	–	4	1,500	B30-R6000
Fig. 1	143002	B33-165-499	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	–	4	2,500	B30-R6000
Fig. 2	142995	B33-125-499	White	0.900 (22.9)	0.500 (12.7)	–	–	–	–	1	1,500	B30-R6000
Fig. 1	143011	B33-126-499	White	0.900 (22.9)	0.500 (12.7)	–	–	–	–	2	1,500	B30-R6000
Fig. 2	143001	B33-163-499	White	1.000 (25.4)	0.375 (9.5)	–	–	–	–	1	1,500	B30-R6000
Fig. 1	143017	B33-152-499	White	1.000 (25.4)	0.375 (9.5)	–	–	–	–	2	1,500	B30-R6000
Fig. 2	142997	B33-136-499	White	1.500 (38.1)	0.750 (19.1)	–	0.875 (22.2)	1.770 (45.0)	–	1	1,500	B30-R6000
Fig. 2	143066	B33-137-499	White	2.000 (50.8)	1.000 (25.4)	–	1.125 (28.6)	2.200 (55.9)	–	1	1,100	B30-R6000
Indoor/Outdoor Vinyl (B-595):												
Fig. 3a	142031	B30C-500-595-WT	White	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142030	B30C-1125-595-WT	White	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142036	B30C-500-595-YL	Yellow	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142035	B30C-1125-595-YL	Yellow	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	142026	B30C-500-595-RD	Red	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	142025	B30C-1125-595-RD	Red	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	141994	B30C-500-595-BL	Blue	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	141993	B30C-1125-595-BL	Blue	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	142010	B30C-500-595-GN	Green	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	142009	B30C-1125-595-GN	Green	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Pre-Printed Pre-Cut Blank Sign Headers (B-595):												
Fig. 70	142183	B30-241-595-ANSIDA		2.250 (57.5)	3.000 (76.2)	–	–	–	–	1	300	B30-R10000
Fig. 70	142182	B30-25-595-ANSIDA		4.000 (101.6)	6.000 (152.4)	–	–	–	–	1	175	B30-R10000
Fig. 70	142189	B30-241-595-ANSINO		2.250 (57.5)	3.000 (76.2)	–	–	–	–	1	300	B30-R10000
Fig. 70	142188	B30-25-595-ANSINO		4.000 (101.6)	6.000 (152.4)	–	–	–	–	1	175	B30-R10000
Pre-Printed GHS/CLP Chemical (B-7569):												
L4B Diamond + Text	121638	B30-260-7569-CLP4B		2.170 (55.0)	3.350 (85.1)	–	–	–	–	1	340	B30-R10000
	121644	B30-261-7569-CLP4B		2.950 (75.0)	4.330 (110.0)	–	–	–	–	1	270	B30-R10000
L4C Diamond + Text	149209	B30-18-7569-CLP4C		1.000 (25.4)	3.000 (76.2)	–	–	–	–	1	1,000	B30-R10000

(B-595) U.S. Patent Nos. 5,823,689; 6,570,602. Additional Patents Pending.

Accessories

USB-C Cable

- Connect devices and data to the i4311 Printer with this USB-C Cable

Part #	Description	Qty.
178935	USB-C Cable for i4311 Printer	1 each



AC Adapter

- Use this AC Adapter to charge the battery for the i4311 Printer
- Power supply voltage: 110 - 240V

Part #	Description	Qty.
178931	AC Adapter for i4311 Printer Battery, Australia	1 each



Rechargeable Li-ion Battery Pack

- Print up to 5,000 labels on a single charge
- Keep two batteries on hand so you can charge one while the other is in use
- Fast-charging: 0% to 100% charged in only 3.5 hours

Part #	Description	Qty.
178932	Rechargeable Li-ion Battery Pack for i4311 Printer	1 each



Printer Soft Case

- Organise, protect and store your i4311 Printer and materials
- Soft padding prevents damage
- Convenient compartments hold Brady materials, batteries, cords and more
- Adjustable shoulder strap

Part #	Description	Qty.
178933	Soft Case for i4311 Printer	1 each



Material Hard Case

- Protect, transport and store accessories, label materials, ribbon rolls and a spare battery
- Resistant to heavier impacts and dust
- Ergonomic carrying handle

Part #	Description	Qty.
178934	Hard Case for i4311 Printer	1 each





Printer Specifications

Description	Set up shop anywhere with the i4311 Industrial Label Printer with Portability — the first 4" (101.6mm) wide label printer with an all-day battery and ergonomic carrying handle.		
Label material types	PE (polyethylene), PET (polyester), PET (metallised), PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PP (polypropylene), PI (polyimide), polyamide, polyether polyurethane (Heatex™), raised panel push-button material, paper, tamper-evident and tamper-resistant materials, 8-10 year outdoor vinyl, 10-hour glow-in-the-dark material, retroreflective labels, printable floor marking tape, nylon and vinyl cloth, wash-down materials, extreme temperature laboratory materials, slides / lab-staining materials, 8-10 year vinyl with high tack and chemical resistance, other materials not listed		
Includes	Printer, Li-ion battery pack, AC adapter, USB-C cable, cleaning kit, quick start guide, mounting bracket, Brady Workstation software		
Warranty	5 years		
Features			
Print resolution	300 dpi	Cutter type	Auto Cutter
Colour printing capability	Single Colour	Media sensor adjustment	Not Required
Maximum print speed	Up to 4.0 in. per sec (up to 101.6 mm per sec)		
Interface			
Display type	Colour LCD Touchscreen	Display status bar	Installed ribbon and label part numbers, amount of supplies remaining, Wi-Fi connection, Bluetooth connection, receiving data icon, ready state / error state
Display size	7.0 in. (177.80 mm)	Languages	Bulgarian, Chinese (Simplified), Chinese (Traditional), Croatian, Czech, Danish, Dutch, English (US), Estonian, Finnish, French (France), German, Hungarian, Italian, Korean, Norwegian, Polish, Portuguese (Portugal), Romanian, Russian, Spanish (Universal), Swedish, Thai, Turkish, Japanese, Slovak, Slovenian, Vietnamese, Bahasa (Indonesian), Bahasa Malay
Display Resolution (H x W)	1024 x 600 pixels	Units	Inches, millimeters, points
Fonts, graphics, symbols			
Font sizes	4 pt (minimum)	Barcode symbologies – 1D	Codabar, Code 128A, Code 128B, Code 128C, Code 39, Code 93, EAN-13, EAN-8, HIBC, Interleaved 2 of 5, JAN-8, MSI, Plessey, UPC-A
Font styles	Arial Times New Roman 85 font options through Brady Workstation Express Labels	Barcode symbologies – 2D	Aztec, DataMatrix, QR Code, PDF-417, MicroPDF-417
Symbols quantity	See Brady Workstation Software	Barcode symbologies – linear	Code 39, Code 93, Code 128 A, B, C, Codabar, EAN-8, EAN-13, JAN-8, JAN-13, HIBC, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, MSI Plessey, UPC-A
Media / supplies information			
Compatible media	B30 & B33 label series	Ribbon and label installation	Labels: In cartridge, drops into place, 15-second changeover Ribbons: In cartridge, snaps into place, 5-second changeover
Compatible ribbons	Printer supports all single colour B30 & B33 ribbons	Custom media parts available	Yes
Die-cuts vs. continuous	Continuous Die-cut Custom	Media widths	0.25 in. to 4.25 in. (6.35 mm to 107.95 mm) (continuous linerless media) 0.25 in. to 4.015 in. (6.35 mm to 107.95 mm) (other media)
Brady print echnology	Brady LabelSense™ Technology: Reads datachip on supplies for low-waste printing, requires no calibration, has pre-optimized energy and speed settings, and features auto label setup in Brady software.	Media Styles	All media is on an integrated cartridge roll with part data on the smart cell. Die-cut media, continuous media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 0.940 in. and larger (single- and double-sided with 2-pass print), self-laminating cable labels, cable ties and tags, raised panel push-button labels, rapido-style cable tags, PermaShield-style labels, pre-printed GHS labels, SFID outdoor-grade labels, direct thermal labels
Software and connectivity			
Connectivity options	Stand-alone use, Ethernet, USB-A, USB-C, Wi-Fi or Bluetooth BLE		

Software compatibility	Brady Express Labels Mobile Brady Workstation Brady SDK (Software Development Kit) Brady LINK360 ZPL (Zebra Print Language) Optimized Windows®-based driver for third-party software use
WHQL Certified Windows Drivers	Windows® 10 and 11 Windows® 7 (32- or 64-bit) Windows® 7 Enterprise Windows® 7 Professional Windows® 7 SP1 Windows® 7 Ultimate Windows® 8 (32- or 64-bit) Windows® 8 Professional (32 or 64 bit) Windows® 8.1 (32- or 64-bit) Windows® 8.1 Enterprise Windows® 8.1 Professional

Physical / operational characteristics			
Dimensions	9.5 in. H x 9 in. W x 13 in. D (228.6 mm W x 241.3 mm H x 330.2 mm D)	Operating humidity range	20% - 90% non-condensing
Weight	12.9 lbs (5.9kg)	Storage humidity range	10% - 90% non-condensing
Operational temperature range	40°F - 110°F / 4°C - 43°C	Power supply	14.4V Rechargeable Lithium-ion Battery, AC Adapter, USB
Storage temperature range	0°F - 110°F / -18°C to 43°C	Power supply voltage	14.4V
Auto shutoff / Power conserve	Yes	Charging times	Charging over battery charger (0 - 100%) 4h

Agency approvals / regulatory compliance	
MSDS	For MSDS, visit www.BradyID.com
Trade	Country of Origin Malaysia HTS Code (Harmonized Tariff Schedule) 8443.32.1040 ECCN (Export Commodity Control Number) EAR99 UNSPSC 45101519*
Agency Approvals	CE FCC Class A, ICES-3(A)/NMB-3(A) UL, cUL UNSPSC 45101519 California Prop 65 WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov RoHS Compliance Status Compliant with Directive 2011/65/EU and 2015/863 Canada: ISED, ICES-003, NMB-003, CAN ICES-3 (A)/NMB-3(A) Contact Brady for up-to-date list of environmental compliance information and agency approvals and/or marks covering over 75 countries (awarded or applied for).



We make products that make the world a safer and more productive place. From the depths of the ocean to outer space, from the factory floor to the delivery room — **you can find us just about anywhere.**

▶ For more information or to learn more about our innovative products, visit BradyID.com.au or call 1800 620 816.