

BRADY

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" wide labeling 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" 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. 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" wide wire and server rack labels to 4" 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.



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 labeling bottlenecks and frustrations.





SAFETY & FACILITY MANAGERS

Drive efficiency, minimize risk and boost compliance

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

Key applications:

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



CONTRACTORS

Master the jobsite and your billable hours

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

Key applications:

- New equipment commissioning
- Arc flash
- Control panel installation
- 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" Wide Labels

Delivers more labeling possibilities

Big 7" Color Touchscreen

Color, 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.

BRADY WORKSTATION | Brady Express Labels App







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 color 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/Software.

Modernized 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**

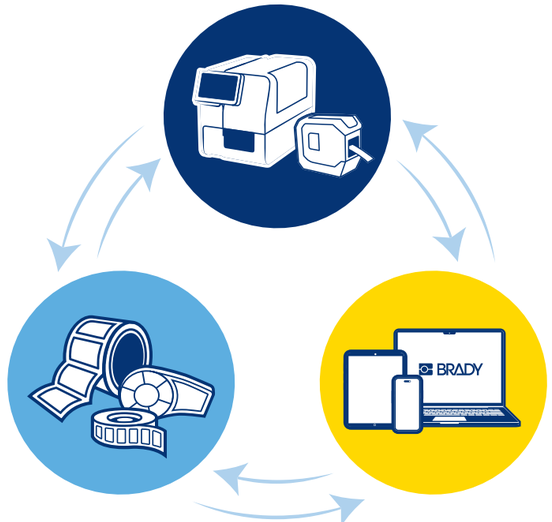
Automatic setup. Eliminated frustration.

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.



OPTIMIZED BRADY MATERIALS

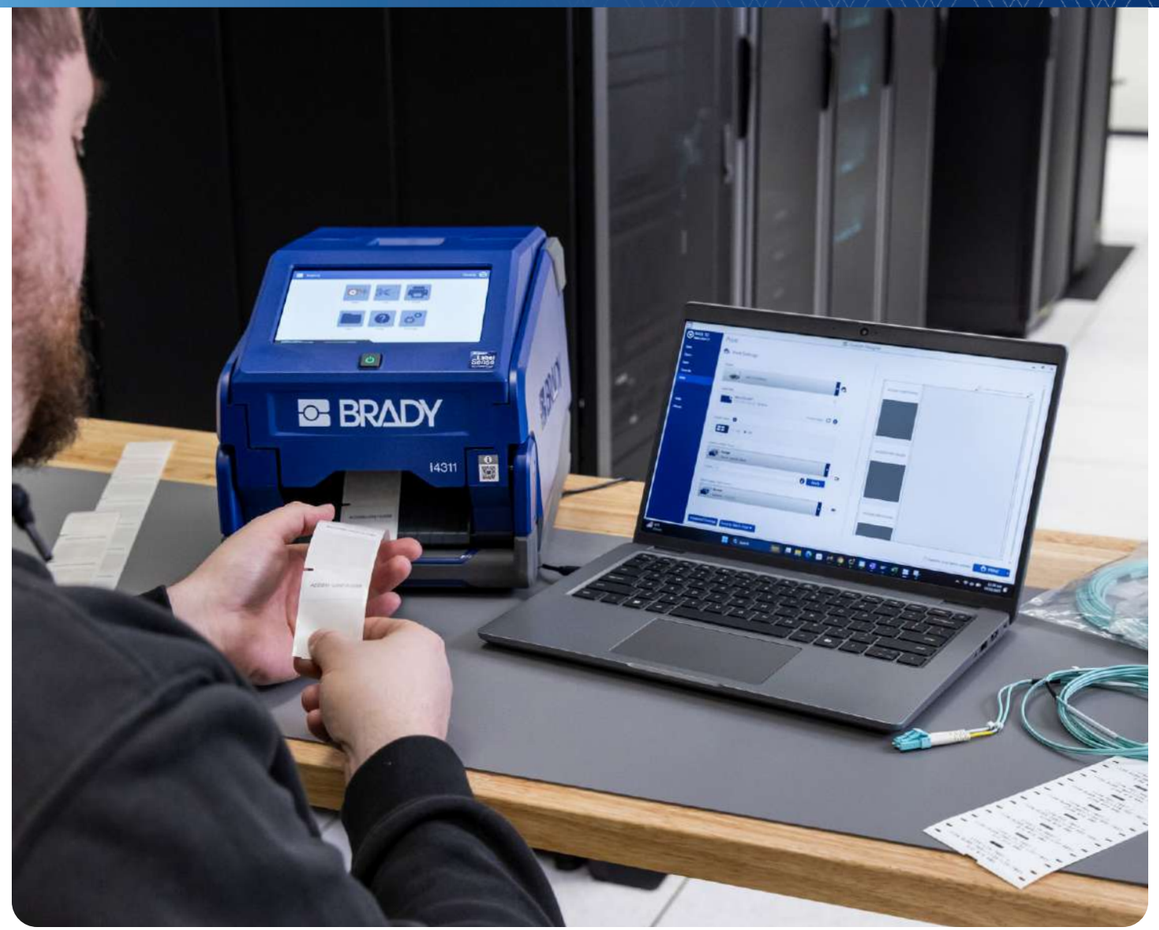
For a faster, easier labeling experience

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.

► Ready Right Away

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

► Automatic Material Recognition

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

► Constant Calibration

Printer settings automatically calibrate to the material to ensure optimized 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" wide
- Labels for almost any application
- All-day battery lasts a full shift



Maximize 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.

Catalog #	
i4311-WB-SFID	i4311, 300 dpi, Wi-Fi, Brady Workstation Safety and Facility ID Software Suite
i4311-WB-PWID	i4311, 300 dpi, Wi-Fi, Brady Workstation Product and Wire ID Software Suite
i4311-WB-LAB	i4311, 300 dpi, Wi-Fi, Brady Workstation Lab Software Suite

The above part number descriptions do not reflect complete product data — refer to the specification sheet for complete details.
i4311 printers accept all B30/B33 series version V2 media.



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

S3700 Industrial Label Printer

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

BUNDLE AND SAVE WITH KITS

Need your printer for specific applications? Bundle your i4311 with the labels and ribbons you'll need, and enjoy significant savings compared to purchasing items separately.

i4311 Printer Kits



i4311-KIT-STARTER i4311 Printer and Label Starter Kit with Software

(1) 1.125" Continuous White Vinyl Label (B30C-1125-595-WT), (1) 2.25" Continuous White Vinyl Label (B30C-2250-595-WT), (1) 2.25" Continuous Yellow Vinyl Label (B30C-2250-595-YL, (1) 4" Continuous White Vinyl Label (B30C-4000-595-WT), (1) 4" Continuous Yellow Vinyl Label (B30C-4000-595-YL), (1) 4x6" White Vinyl Label (B30-25-595-BLNKWT), (1) Safety Tags (B30-255-851-WT), (1) Red Ribbon Cartridge (B30-R10000-RD), (1) White Ribbon Cartridge (B30-R10000-WT), (2) Black Ribbon Cartridges (B30-R10000), (1) i4311 Printer (i4311-WB-SFID), (1) Brady Workstation Design & Print Pro (BWS-DPP-VWS), (1) USB-C Cable (USB-C-CABLE), (1) i4311 Battery Pack (i4311-BATT), (1) 65W AC Adapter (65W-AC), (1) Quick Start Guide, (1) Cleaning Kit (PCK-6), (1) Mounting Bracket



i4311-KIT-PIPE i4311 Pipe Marker Label and Printer Kit with Software

(1) 2.25" Continuous Green Vinyl Labels (B30C-2250-595-GN), (1) 2.25" Continuous Red Vinyl Labels (B30C-2250-595-RD), (1) 2.25" Continuous Yellow Vinyl Label (B30C-2250-595-YL), (1) 2.25" Continuous Blue Vinyl Labels (B30C-2250-595-BL), (1) 4" Continuous Blue Vinyl Labels (B30C-4000-595-BL), (1) 4" Continuous Green Vinyl Labels (B30C-4000-595-GN), (1) 4" Continuous Red Vinyl (B30C-4000-595-RD), (1) 4" Continuous White Vinyl Labels (B30C-4000-595-WT), (1) 4" Continuous Yellow Vinyl Labels (B30C-4000-595-YL), (1) Black Ribbon Cartridge (B30-R10000), (3) White Ribbon Cartridges (B30-R10000-WT), (1) i4311 Printer (i4311-WB-SFID), (1) Brady Workstation Design & Print Pro (BWS-DPP-VWS), (1) USB-C Cable (USB-C-CABLE), (1) i4311 Battery Pack (i4311-BATT), (1) 65W AC Adapter (65W-AC), (1) Quick Start Guide, (1) Cleaning Kit (PCK-6), (1) Mounting Bracket



i4311-KIT-LEAN i4311 Lean Label and Printer Kit with Software

(1) 2.25" ToughStripe Printable Floor Marking Tape (B30C-2250-483YL-KT), (1) 2.25" Continuous White Vinyl Label (B30C-2250-595-WT), (1) 2.25" Continuous Yellow Vinyl Label (B30C-2250-595-YL), (1) 2.5" Continuous Magnetic Polyester Label (B30C-2500-509-WT), (1) 3.85x2.25" White Vinyl Label (B30-219-595-BLNKWT), (1) 4" Continuous Yellow Label (B30C-4000-595-YL), (1) 4" White Vinyl Continuous Label (B30C-4000-595-WT), (1) 4.25" Continuous Magnetic Polyester Label (B30C-4250-509-WT), (1) Black Ribbon Cartridge (B30-R10000), (1) Blue Ribbon Cartridge (B30-R10000-BL), (1) Red Ribbon Cartridge (B30-R10000-RD), (1) Green Ribbon Cartridge (B30-R10000-GN), (1) i4311 Printer (i4311-WB-SFID), (1) Brady Workstation Design & Print Pro (BWS-DPP-VWS), (1) USB-C Cable (USB-C-CABLE), (1) i4311 Battery Pack (i4311-BATT), (1) 65W AC Adapter (65W-AC), (1) Quick Start Guide, (1) Cleaning Kit (PCK-6), (1) Mounting Bracket



i4311-KIT-ARC i4311 Arc Flash Label and Printer Kit with Software

(1) 2.25" Continuous Orange Vinyl Label (B30C-2250-595-OR), (1) ANSI WARNING Vinyl Labels (B30-25-595-ANSIWA), (1) Raised Panel Polyester Labels (B30EP-174-593-WT), (2) Black Ribbon Cartridges (B30-R10000), (1) i4311 Printer (i4311-WB-SFID), (1) Brady Workstation Design & Print Pro (BWS-DPP-VWS), (1) USB-C Cable (USB-C-CABLE), (1) i4311 Battery Pack (i4311-BATT), (1) 65W AC Adapter (65W-AC), (1) Quick Start Guide, (1) Cleaning Kit (PCK-6), (1) Mounting Bracket



i4311-KIT-SCANNER i4311 Printer with V2200 Barcode Scanner and Software Kit

(1) USB-A 3m Coiled Cable (178573), (1) V2200 Wired Barcode Scanner, (1) i4311 Printer (i4311-WB-PWID), (1) Brady Workstation Design & Print Pro (BWS-DPP-PWID), (1) USB-C Cable (USB-C-CABLE), (1) i4311 Battery Pack (i4311-BATT), (1) 65W AC Adapter (65W-AC), (1) Quick Start Guide, (1) Cleaning Kit (PCK-6), (1) Mounting Bracket



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 specialized 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

Colors and durability for every application

Catalog #	Color	Size Inch (mm)	Length Feet (m)
B30-R10000	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R4300	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R4900	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R6000	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R6200	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R6300	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R6400	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R6600	Black	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-WT	White	4.330 (109.9)	200 ft. (60.9 m)
B30-R4400-WT	White	4.330 (109.9)	200 ft. (60.9 m)
B30-R6700-WT	White	4.330 (109.9)	200 ft. (60.9 m)
B30-R6800-WT	White**	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-RD	Red***	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-GN	Green***	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-BL	Blue***	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-YL	Yellow*/ ***	4.330 (109.9)	200 ft. (60.9 m)
B30-R10000-OR	Orange***	4.330 (109.9)	200 ft. (60.9 m)
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.*

**** Colored ribbons optimized for use on white material. Test use on other material colors 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		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-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	Metallized Polyester	● UL / CSA	–	–	–	–	–	–	–	–	–	–	–	–	–
B-430	Polyester	–	–	● UL / CSA	–	–	–	–	–	–	–	–	–	–	–
B-432	Clear Polyester	–	▲ UL	● UL / CSA	–	–	–	–	–	–	–	–	–	–	–
B-434A	Metallized Polyester	–	–	● UL / CSA	–	–	–	–	–	–	–	–	–	–	–
B-435A	Metallized Polyester	–	–	● UL / CSA	–	–	–	–	–	–	–	–	–	–	–
B-437	Polyvinylfluoride	●	–	–	●	–	–	–	–	–	–	–	–	–	–
B-437 YEL	Polyvinylfluoride	●	–	–	●	–	–	–	–	–	–	–	–	–	–
B-438	Metallized 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	Metallized 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		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 21-25or 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



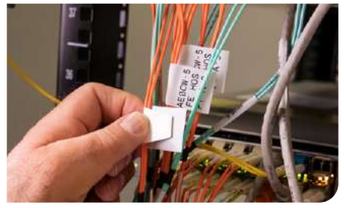
Lean/5S



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.

			Color	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	50, 51
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	52
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	53
B-403	Water-Dissolvable Paper	White water-dissolvable paper label for temporary labeling applications that require easy cleaning. Ideal for laboratory glassware.	○	•		•		-94° to 122°F	RoHS	70
B-413	Matte Faux Metallized 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 cUL RoHS	27, 32
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	47
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	45
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 labeling.	○	•			•	-40° to 212°F	UL RoHS CSA	28, 43
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 labeling. Adheres best to flat surfaces. UL-rated for surfaces commonly used in solar panel manufacturing.	○	•			•	-94° to 248°F	UL RoHS CSA	26
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	35
B-424	Paper	Bright white paper label with a permanent latex adhesive. Excellent barcode read rates. Ideal for labeling applications requiring a low-cost, general-purpose labeling material.	○	•		•		-40° to 122°F	RoHS	36
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	34, 63
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	44, 46
B-428	Metallized Matte Polyester	Matte metallized 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 CSA	32

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

			Color	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-428/ B-966B	PermaShield™ Overlaminating Metallized Polyester	The PermaShield™ construction is supplied as a standard B-428 metallized 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	35
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 CSA	27
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 CSA	28
B-434A	Metallized Aggressive Adhesive Polyester	Glossy metallized 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 CSA	33, 42
B-435A	Metallized Polyester	Glossy metallized 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 CSA	32
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	49
B-438	Checkerboard Pattern Tamper Evident Matte Metallized Polyester	Tamper-indicating, metallized 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 CSA	34
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 labeling applications.		•			•	-94° to 176°F	RoHS	35, 66
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	31
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	68
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	49
B-473	Standard Adhesive Electrostatic Dissipative Polyester	Glossy polyester label that is ideal for post-process labeling 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	31
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	67, 70

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

			Color	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 CSA	29, 42, 43, 47, 67
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	28, 43
B-486B	Ultra Aggressive Adhesive Metallized Matte Polyester	Matte metallized 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 CSA	33, 42
B-489A	Ultra Aggressive Adhesive Multi-Purpose Matte Polyester	Matte 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 CSA	29
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	68
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	68
B-494	Colored Lab Polyester	Glossy white polyester with a pre-printed colored border. This material allows for differentiation and color coding of test specimens within processes. In vial and vial top configuration, the vial top label is a solid color. Withstands freezer applications and has superior chemical resistance when printed with the Brady Series R6400 black ribbon.		•			•	-320° to 158°F	RoHS	69
B-498	Repositionable Multi-Purpose Vinyl Cloth	Vinyl cloth with an aggressive and repositionable adhesive for wire and cable wraps and general-purpose labeling applications. Label adheres with excellent holding power, yet can be easily and cleanly removed and repositioned.			•		•	-40° to 175°F	UL RoHS	43, 48, 66
B-499	Aggressive Adhesive Multi-Purpose Nylon Cloth	Nylon cloth with a permanent adhesive for wire and cable wraps and general-purpose labeling 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 CSA	43, 48, 66, 69, 71
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	64
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	63
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	64
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

			Color	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	64
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	63
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 labeling small components inside panels.		•			•	-4° to 212°F	UL, UL RoHS	40, 41, 43
B-595	All Weather Vinyl	Indoor- and outdoor-grade vinyl with a permanent adhesive in a wide range of colors. Durable, pliable and highly conforming to rough and irregular surfaces.		•			•	-40° to 180°F	RoHS	59, 60, 66, 70
B-618	Multi-Purpose Matte Polyester	Matte polyester for general-purpose applications requiring good solvent and heat resistance.		•		•		-94° to 248°F	UL RoHS	26
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 overlaminate.		•			•	-112° to 248°F	RoHS	35
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 overlaminate		•			•	-112° to 248°F	RoHS	35
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 labeling and marking when printed with the Brady Series R6000 Halogen Free ribbon.		•			•	-94° to 572°F check TDS for temp duration details	UL RoHS	38
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 labeling. Matte topcoat provides excellent resistance to solder balling. UL Recognized to UL969 standard for labeling 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	38
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	39
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	37
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	37
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	68, 69

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

			Color	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-7425-AC	Sterilization Indicating Autoclave Polypropylene	All-white polypropylene label with hidden text header that appears "STERILIZED" when exposed to autoclave conditions. Withstands extremely low and high lab temps making it ideal for sample tracking and labeling items that need to be sterilized.		•		•		-320.8° to 249.8°F check TDS for specific applications	RoHS	70
B-7569	General Purpose Vinyl	Durable vinyl label with permanent adhesive.		•			•	-4° to 167°F	RoHS	65, 71
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	54
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	55
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	56
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 labeling. UL Recognized to UL969 standard for labeling and marking when printed with the Brady Series R6000 Halogen Free ribbon.		•			•	-94° to 572°F check TDS for temp duration details	UL RoHS	38
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	39
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	37
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	27, 42
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	58
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	62
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	62
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)	30, 31, 32, 42

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" dimension parts for use in i5300 only**



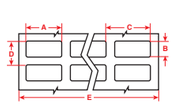


Figure 1

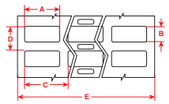


Figure 1d

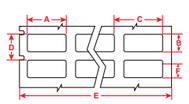


Figure 1e

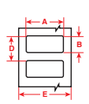


Figure 2

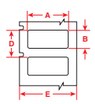


Figure 2c

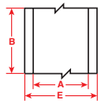


Figure 3a

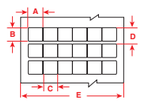


Figure 4

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Multi-purpose gloss polyester (B-423)										
Fig. 1	B33-70-423	Gloss White	1.000 (25.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.1)	7	20,000	B30-R6000
Fig. 4	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Multi-purpose gloss clear polyester (B-430)										
Fig. 1e	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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



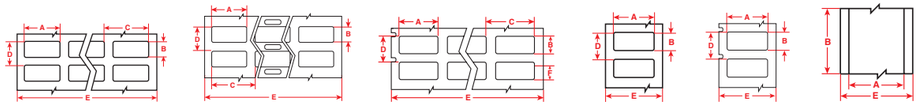


Figure 1 *Figure 1d* *Figure 1e* *Figure 2* *Figure 2c* *Figure 3a*

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Gloss polyester with aggressive adhesive for textured surfaces (B-422)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	3,300	B30-R6000
Fig. 2	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	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	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	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	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	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	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	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	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	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	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	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	1,500	B30-R6000
Fig. 1e	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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



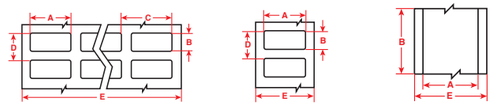


Figure 1 *Figure 2* *Figure 3a*

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Gloss polyester with ultra aggressive adhesive for highly textured surfaces (B-483A)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

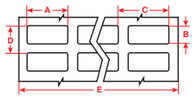


Figure 1

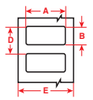


Figure 2

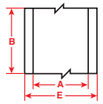


Figure 3a





Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 2	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	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	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	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	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	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	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 labeling 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

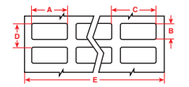


Figure 1



Figure 2



Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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. 3a	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	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	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	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	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	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	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	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 labeling 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

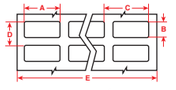


Figure 1

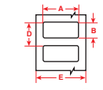


Figure 2

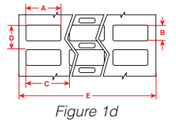


Figure 1d

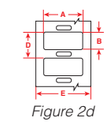


Figure 2d



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 Metallized Polyester Labels

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

- For labeling 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

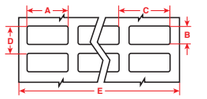


Figure 1



Figure 2

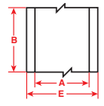


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Matte light gray metallized polyester (B-428)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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 metallized polyester (B-435A)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 Metallized 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

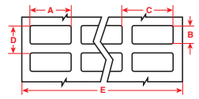


Figure 1



Figure 2

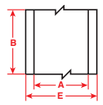


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
High gloss silver metallized polyester with aggressive adhesive for textured surfaces (B-434A)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 Metallized 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

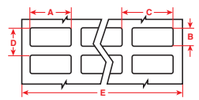


Figure 1

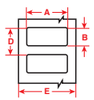


Figure 2

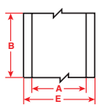


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Matte light gray metallized polyester with ultra aggressive adhesive for highly textured surfaces (B-486B)										
Fig. 2	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	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	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	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	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	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	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	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	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	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	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	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	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 Metallized 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

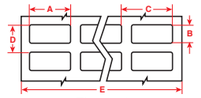


Figure 1



Figure 2

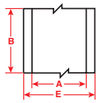


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	B30-222-438	Matte Silver	3.000 (76.2)	2.000 (50.8)	–	2.250 (57.2)	3.250 (82.6)	1	650	B30-R4300
Fig. 2	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	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

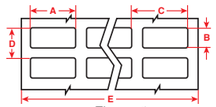


Figure 1

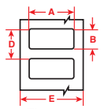


Figure 2



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	B33-6-438	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	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	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	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	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	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	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	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	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
- Overlaminate 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

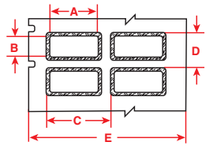


Figure 10b

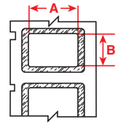


Figure 40



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
PermaShield™ Overlaminating Polyester (B-423/B-966B)										
Fig. 10b	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	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	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 Metallized Polyester (B-428/B-966B)										
Fig. 40	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	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	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

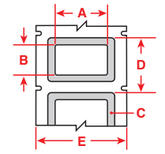


Figure 92



Diagram	Catalog #	Color	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	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	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	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	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 labeling 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

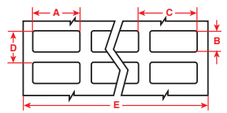


Figure 1

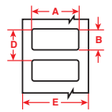


Figure 2



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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 labeling, box labels and general identification
- Bright white finish with excellent image contrast and smear resistance for barcode printing

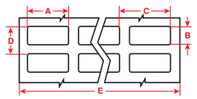


Figure 1



Figure 2

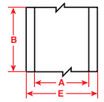


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	B30C-3000-424	White	3.000 (76.2)	150 ft. (45.8m)	–	–	3.250 (82.6)	1	1 roll (cont.)	B30-R4300
Fig. 2	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	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	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	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	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

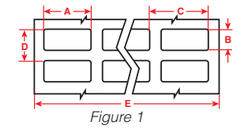


Figure 1



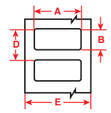


Figure 2

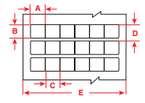


Figure 4

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
High-temp gloss polyimide (B-797)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

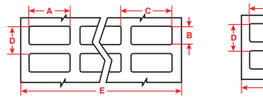


Figure 1



Figure 2

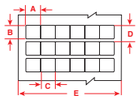


Figure 4



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Electrostatic dissipative gloss polyimide (B-767)										
Fig. 1	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	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	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	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	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	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	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	B33-103-767	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

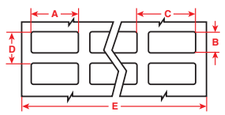


Figure 1

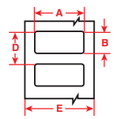


Figure 2

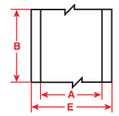


Figure 3a



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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

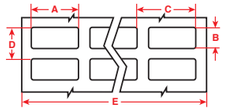


Figure 1

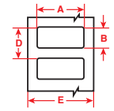


Figure 2



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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	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)

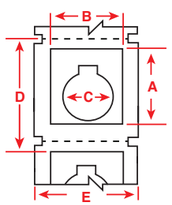
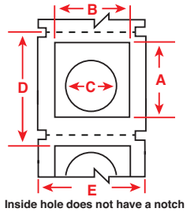


Figure 18a



Inside hole does not have a notch

Figure 18b



Diagram	Catalog #	Color	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

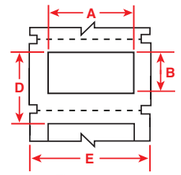


Figure 18c





Diagram	Catalog #	Color	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 labeling 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

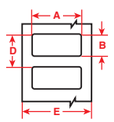


Figure 2

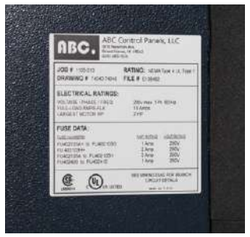




Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Ultra aggressive adhesive matte light gray metallized polyester for highly textured or powder-coated surfaces (B-486B)										
Fig. 2	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	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	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	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	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 metallized polyester with aggressive adhesive for textured surfaces (B-434A)										
Fig. 2	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	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	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	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	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	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	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	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	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	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	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	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	B33-18-484	Gloss White	3.000 (76.2)	1.000 (25.4)	–	1.125 (79.3)	3.200 (81.3)	1	1,500	B30-R6000
Fig. 2	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	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	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	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	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	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	B33-19-8117	Matte Black	3.000 (76.2)	2.000 (50.80)	–	2.125 (54.0)	3.200 (81.3)	1	500	B30-R6800-WT
Fig. 2	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	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	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	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

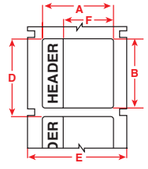


Figure 70c



Diagram	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	B33-25-483-ANSIWA	WARNING	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	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	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	B33-25-483-ANSIDA	DANGER	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	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	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 labeling 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









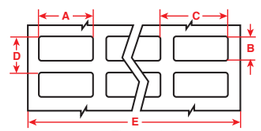


Figure 1

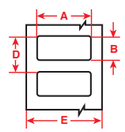


Figure 2

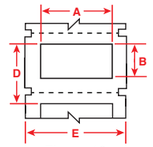


Figure 18c

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Nylon cloth with permanent adhesive for angled, curved and rough surfaces (B-499)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

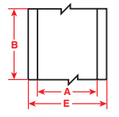


Figure 3a





Diagram	Catalog #	Color	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	B33C-312-498	Matte White	0.312 (7.9)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6200
Fig. 3a	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	B33C-312-422	Gloss White	0.312 (7.9)	85 (25.9)	1.000 (25.4)	1 roll (cont.)	B30-R6000
Fig. 3a	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

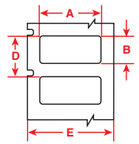


Figure 2c

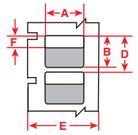


Figure 14d



Figure 15 Figure 12b

Diagram	Catalog #	Color	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

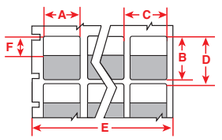


Figure 12b

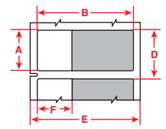


Figure 15

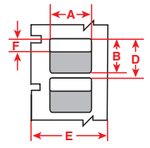


Figure 14d



Diagram	Catalog #	Color	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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"

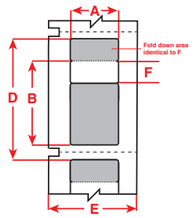


Figure 87

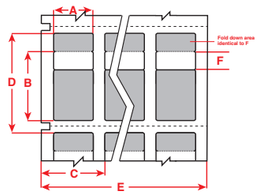
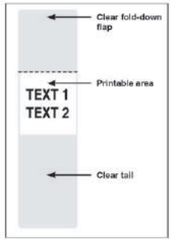


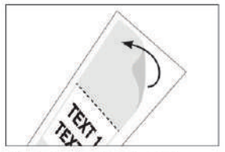
Figure 87b



Diagram	Catalog #	Color	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	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	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	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	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	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	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	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)

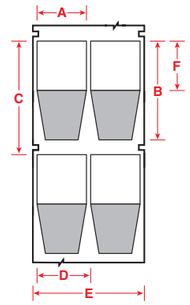


Figure 88







Faster Flagging with less waste

Diagram	Catalog #	Color	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	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	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	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

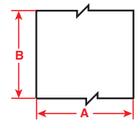


Figure 3b

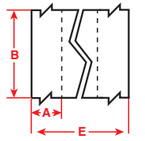


Figure 3c



Diagram	Catalog #	Color	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	B33C-250-414	Gloss White	0.250 (6.4)	50 (15.2)	0.750 (19.1)	3	1 roll (cont.)	B30-R6000
Fig. 3c	B33C-500-414	Gloss White	0.500 (12.7)	50 (15.2)	1.000 (25.4)	2	1 roll (cont.)	B30-R6000
Fig. 3b	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 labeling inside-of-panel components

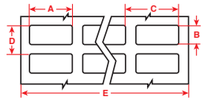


Figure 1

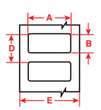


Figure 2



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

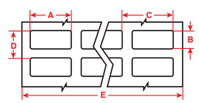


Figure 1

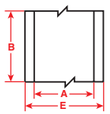


Figure 3a

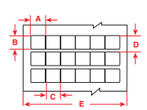


Figure 4



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 4	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 colors 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

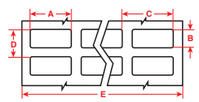


Figure 1

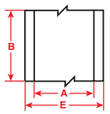


Figure 3a

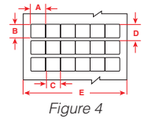


Figure 4



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 4	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

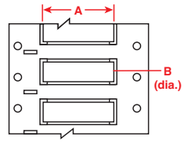


Figure 21

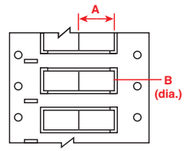


Figure 21-2

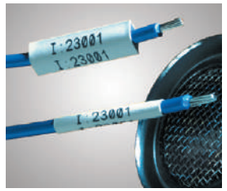


Diagram	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, single-side printable, 2" sleeve width (dimension A)										
Fig. 21	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, Double-side printable, 2" sleeve width (dimension A)										
Fig. 21	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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!
- See a demo at BradyID.com



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

- Designed for labeling 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

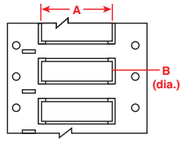


Figure 21



Diagram	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio, Double-side printable, 2" sleeve width (dimension A)										
Fig. 21	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

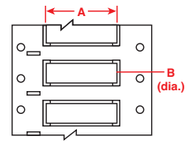


Figure 21



Diagram	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
3:1 Shrink ratio double-side printable, 2 in. sleeve width (dimension A)										
Fig. 21	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

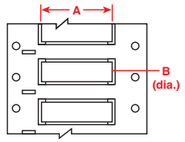


Figure 21



Diagram	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
2:1 Shrink ratio double-side printable, 2 in. sleeve width (dimension A)										
Fig. 21	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

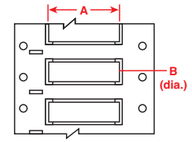


Figure 21



Diagram	Catalog #	Color	For Wire Gauge (approx.)	For Wire Diameters Inch (mm) Min - Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty per Row	Qty per Roll	Rec. ribbon
2:1 Shrink ratio single-side printable, 2 in. sleeve width (dimension A)										
Fig. 21	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	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	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	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	B33-375-2-7642	White	8 to 4	0.188 (4.8) - .0320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	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	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	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	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	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	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	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	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	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	B33D-375-2-7642	White	8 to 4	0.188 (4.8) - 0.0320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) +/- 0.003 (0.07)	1	250	B30-R4300
Fig. 21	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	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	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	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	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

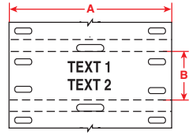


Figure 86



Diagram	Catalog #	Color	Tag width A inch (mm)	Tag height B inch (mm)	Tags per row	Tags per roll	Rec. ribbon
Fig. 86	B33-60X10-7643-WT	White	2.360 (60.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	B33-75X10-7643-WT	White	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	B33-75X15-7643-WT	White	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	B33-75X25-7643-WT	White	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000
Fig. 86	B33-60X10-7643-YL	Yellow	2.360 (60.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	B33-75X10-7643-YL	Yellow	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	B33-75X15-7643-YL	Yellow	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	B33-75X25-7643-YL	Yellow	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000
Fig. 86	B33-60X10-7643-RD	Red	2.360 (60.0)	0.390 (9.91)	1	1,000	B30-R6000
Fig. 86	B33-75X10-7643-RD	Red	2.950 (75.0)	0.390 (9.91)	1	750	B30-R6000
Fig. 86	B33-75X15-7643-RD	Red	2.950 (75.0)	0.590 (14.9)	1	500	B30-R6000
Fig. 86	B33-75X25-7643-RD	Red	2.950 (75.0)	0.980 (24.9)	1	250	B30-R6000

QuickSleeve Handheld Sleeve Applicator

The QuickSleeve Handheld Sleeve Applicator is an intuitive multi-tool designed to help you quickly apply sleeves on to wires in three simple steps – just pick, slip and apply. This tool includes:

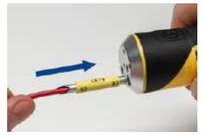
- Four specially designed slanted tubes sized for sleeve sizes 0.094, 0.125, 0.187 and 0.250 inches
- Built-in LED flashlight for use in low-lit conditions
- Terminal block sized screwdriver



Catalog #	Description	Qty.
QS	QuickSleeve multi-tool	1 Tool



Pick



Slip



Apply

Brady Heat Gun

The Brady Heat Gun provides fast, even shrinkage of BradySleeve™ and PermaSleeve™ markers or heat-shrinkable tubing. Deflector shield evenly distributes forced air heat (minimum temperature 500°F/260°C) around sleeves of up to 0.750 in. diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Catalog #	Description	Qty.
PMS-HG-1	Brady Heat Gun	1 each

Material External Rewinder

The Material External Rewinder from Brady® is positioned in front of Thermal Transfer Benchtop Printers from Brady to rewind material as it exits the printer.

- Rewind label rolls up to 5-inches in diameter at speeds up to 10 inches-per-second
- Adjustable core holder that adjusts easily to accept any core diameter from 1-inch to 4-inches
- A special motor offers bi-directional operation and trouble-free performance
- Rugged steel construction allows your material rewinder to be placed near your label printer



Catalog #	Description	Qty.
LBL-RWNDR	BradyPrinter Rewinder	1 each

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 color 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)





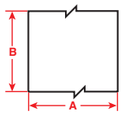


Figure 3b

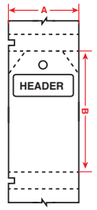


Figure 69a
Printable Front Side

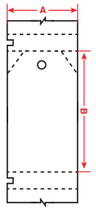


Figure 69b
Printable Front Side

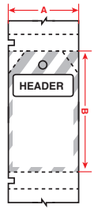
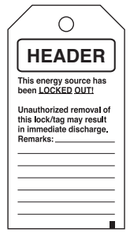
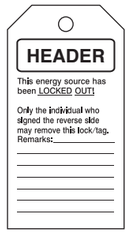


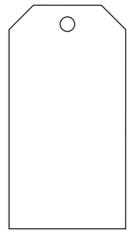
Figure 69c
Printable Front Side



Pre-Printed
Reverse Side B



Pre-Printed
Reverse Side F



Blank
Reverse Side

Diagram	Catalog #	Color	B#	Printable front side	Non-Printable Reverse side text	Tag width A	Tag length B	Tags per roll	Rec. ribbon
69c	B30-255-851OSHADSB	White w/Hdr	B-851	DANGER	DANGER B	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-ANSIDB	White w/Hdr	B-851	DANGER	DANGER B	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-OSHADB	White w/Hdr	B-851	DANGER	DANGER B	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-WHT-B	White	B-851		DANGER B	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69c	B30-255-851OSHADSF	White w/Hdr	B-851	DANGER	DANGER F	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-ANSIDF	White w/Hdr	B-851	DANGER	DANGER F	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-OSHADF	White w/Hdr	B-851	DANGER	DANGER F	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-WHT-F	White	B-851		DANGER F	3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69c	B30-255-851-OST-BK	White w/Hdr	B-851	DANGER		3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-ANSIDA	White w/Hdr	B-851	DANGER		3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-OSHADA	White w/Hdr	B-851	DANGER		3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69a	B30-255-851-ANSICA	White w/Hdr	B-851	CAUTION		3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-WT	White	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-RD	Red	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-YL	Yellow	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-GN	Green	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-BL	Blue	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
69b	B30-255-851-OR	Orange	B-851			3.250 (82.6)	5.750 (146.1)	100	B30-R10000
3b	B30C-2500-551-WT	White	B-551			2.500 (63.5)	50 ft. (15.2m)	1 roll (cont.)	B30-R10000
3b	B30C-3250-551-WT	White	B-551			3.250 (82.6)	50 ft. (15.2m)	1 roll (cont.)	B30-R10000
3b	B30C-4250-551-WT	White	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 multicolor signs fast in a single print pass
- Headers meet NFPA 70E, OSHA 1910.145 and ASME / ANSI Z535 standards
- Indoor / outdoor grade material conforms to rough, highly textured and difficult-to-adhere-to surfaces

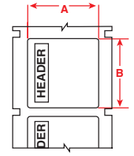


Figure 70a



Diagram	Catalog #	B#	Material	Header	Label Height A Inch (mm)	Label Width B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 70a	B30-241-595-OSHADA	B-595	Vinyl	DANGER	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-OSHADA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-OSHACA	B-595	Vinyl	CAUTION	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-OSHACA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-ANSICA	B-595	Vinyl	CAUTION	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-ANSICA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-ANSIDA	B-595	Vinyl	DANGER	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-ANSIDA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-ANSIWA	B-595	Vinyl	WARNING	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-ANSIWA	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-ANSINO	B-595	Vinyl	NOTICE	2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-25-595-ANSINO	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-25-595-PREC	B-595	Vinyl	PRECAUCION	4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-25-595-PEL	B-595	Vinyl	PELIGRO	4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-242-595-BLNKWT	B-595	Vinyl		1.125 (28.6)	2.750 (69.9)	1	300	B30-R10000
Fig. 70a	B30-241-595-BLNKWT	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	B30-219-595-BLNKWT	B-595	Vinyl		2.250 (57.5)	3.750 (95.3)	1	250	B30-R10000
Fig. 70a	B30-25-595-BLNKWT	B-595	Vinyl		4.000 (101.6)	6.000 (152.4)	1	175	B30-R10000
Fig. 70a	B30-241-595-BLNKYL	B-595	Vinyl		2.250 (57.5)	3.000 (76.2)	1	300	B30-R10000
Fig. 70a	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)

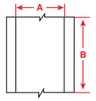


Figure 3





Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-500-595-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-3000-595-WT	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-3000-595-YL	Yellow	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-RD	Red	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-RD	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-RD	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-RD	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-595-BL	Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-BL	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-BL	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-BL	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig 3	B30C-2250-595-LB	Light Blue	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-4000-595-LB	Light Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-GN	Green	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-GN	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-GN	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-GN	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-595-OR	Orange	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-OR	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-OR	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-OR	Orange	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-BK	Black	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-BK	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-BK	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-BK	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-595-BR	Brown	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-BR	Brown	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-BR	Brown	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-BR	Brown	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig 3	B30C-1125-595-OC	Ochre	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-2250-595-OC	Ochre	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-4000-595-OC	Ochre	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-GD	Gold	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-GD	Gold	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-GD	Gold	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-GD	Gold	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-GY	Gray	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-GY	Gray	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-GY	Gray	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-GY	Gray	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-PL	Purple	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-595-PL	Purple	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-595-PL	Purple	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-595-PL	Purple	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
✦❄✓	B30C-500-595-PK	Pink	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-1125-595-PK	Pink	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-2250-595-PK	Pink	2.250 (57.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig 3	B30C-4000-595-PK	Pink	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-595-CL	Clear	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-595-CL	Clear	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-595-CL	Clear	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-595-CL	Clear	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000

BRADY

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

Low-Halide Multi-Purpose Polyester

(B-569)

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

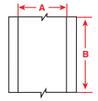


Figure 3



Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-500-569-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-3000-569-WT	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-YL	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-RD	Red	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-RD	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-RD	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-RD	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-BL	Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-BL	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-BL	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-BL	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-LB	Light Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-LB	Light Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-LB	Light Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-LB	Light Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-SB	Sky Blue	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-SB	Sky Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-SB	Sky Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-SB	Sky Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-GN	Green	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-GN	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-GN	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-GN	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-OR	Orange	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-OR	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-OR	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-OR	Orange	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-BK	Black	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-BK	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-BK	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-BK	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-BR	Brown	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-BR	Brown	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-BR	Brown	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-BR	Brown	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-OC	Ochre	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-OC	Ochre	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-OC	Ochre	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-OC	Ochre	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-TN	Tan	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-TN	Tan	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-TN	Tan	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-TN	Tan	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-GY	Gray	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-GY	Gray	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-GY	Gray	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-GY	Gray	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-PL	Purple	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-1125-569-PL	Purple	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-2250-569-PL	Purple	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-4000-569-PL	Purple	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000-WT
Fig. 3	B30C-500-569-PK	Pink	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-PK	Pink	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-PK	Pink	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-569-PK	Pink	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-569-CL	Clear	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-569-CL	Clear	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-569-CL	Clear	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	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

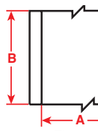


Figure 3

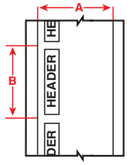


Figure 73



Diagram	Catalog #	B#	Color/ Header	Label Width A Inch (mm)	Length B Inch (mm)	Labels Per Roll	Rec. Ribbon
ToughWash Metal Detectable Material (B-854):							
Fig. 3	B30C-4000-854-YL	B-854		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-4000-854-WT	B-854		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 73	B30-25-854-OSHADA	B-854	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-854-ANSIWA	B-854	WARNING	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-854-ANSIDA	B-854	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-854-ANSICA	B-854	CAUTION	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
ToughWash Material (B-855):							
Fig. 3	B30C-1125-855-YL	B-855		1.125 (28.6)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-2250-855-YL	B-855		2.250 (57.5)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-4000-855-YL	B-855		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-1125-855-WT	B-855		1.125 (28.6)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-2250-855-WT	B-855		2.250 (57.5)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 3	B30C-4000-855-WT	B-855		4.000 (101.06)	50 ft. (15.2 m)	1 roll (cont.)	B30-R6000
Fig. 73	B30-25-855-OSHADA	B-855	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-855-ANSIWA	B-855	WARNING	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-855-ANSIDA	B-855	DANGER	4.000 (101.06)	6.250 (158.8)	100	B30-R6000
Fig. 73	B30-25-855-ANSICA	B-855	CAUTION	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

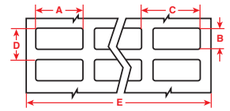


Figure 1

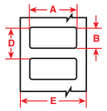


Figure 2



Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Fig. 1	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	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	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	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	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	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	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	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	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	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 labeling outdoor utility pedestals, hard hats, jobsite equipment and roof-top equipment
- Recommended for low light or inclement weather conditions

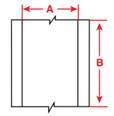


Figure 3



Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-1125-584-SL	Silver	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-584-SL	Silver	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-584-SL	Silver	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-584-YL	Yellow	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-584-YL	Yellow	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-584-YL	Yellow	4.000 (101.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-584-OR	Orange	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-584-OR	Orange	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	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

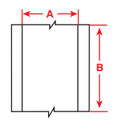


Figure 3



Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-1125-526	Luminous Green	1.125 (28.6)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-526	Luminous Green	2.250 (57.5)	50 (15.2)	1 roll (cont.)	B30-R10000
Fig. 3	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

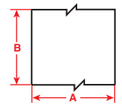


Figure 3b



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

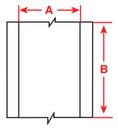


Figure 3



Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-500-581-WT	White	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-581-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-581-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-581-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-500-581-YL	Yellow	0.500 (12.7)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-581-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-581-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	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

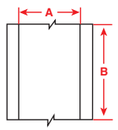


Figure 3

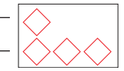


Diagram	Catalog #	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3	B30C-1125-549-WT	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-549-WT	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-4000-549-WT	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-1125-549-YL	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	B30C-2250-549-YL	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R10000
Fig. 3	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-color 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



Catalog #	B#	Material	Legend		Label Height Inch (mm)	Label Width Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
B30-260-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-7569-CLP1	B-7569	Vinyl		L1 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-260-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-7569-CLP2	B-7569	Vinyl		L2 Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-260-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-7569-CLP3A	B-7569	Vinyl		L3A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-260-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-7569-CLP3B	B-7569	Vinyl		L3B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-260-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-7569-CLP4A	B-7569	Vinyl		L4A Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-260-569-CLP4B	B-569	Polyester		L4B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-260-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.170 (55.0)	3.350 (85.1)	1	340	B30-R10000
B30-261-569-CLP4B	B-569	Polyester		L4B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-261-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
B30-262-569-CLP4B	B-569	Polyester		L4B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
B30-262-7569-CLP4B	B-7569	Vinyl		L4B Diamond + Text	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
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







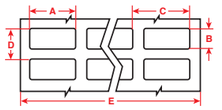


Figure 1

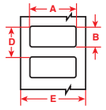


Figure 2

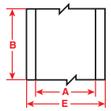


Figure 3a

Diagram	Catalog #	Color	Label width A inch (mm)	Label height B inch (mm)	Horiz. repeat C inch (mm)	Vert. repeat D inch (mm)	Web width E inch (mm)	Labels per row	Labels per roll	Rec. ribbon
Vinyl - Highly pliable and conforming with aggressive permanent adhesive and excellent chemical resistance (B-439)										
Fig. 1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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. 2	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	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	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	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. 2	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
Cut-to-Length Vinyl - Highly pliable all weather with aggressive permanent adhesive (B-595)										
Fig. 3a	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	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	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	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 overlaminate)

- 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 overlaminate which must be applied over printed label and onto appropriate surface for best performance

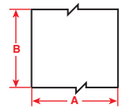


Figure 3b



Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Roll Length B Feet (m)	Labels Per Roll	Rec. Ribbon
Fig. 3b	B30C-1125-483WT-KT	B-483	White	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-2250-483WT-KT	B-483	White	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-3000-483WT-KT	B-483	White	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-4000-483WT-KT	B-483	White	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-1125-483YL-KT	B-483	Yellow	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-2250-483YL-KT	B-483	Yellow	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-3000-483YL-KT	B-483	Yellow	3.000 (76.2)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-4000-483YL-KT	B-483	Yellow	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-1125-483RD-KT	B-483	Red	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-2250-483RD-KT	B-483	Red	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-4000-483RD-KT	B-483	Red	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-1125-483BL-KT	B-483	Blue	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-2250-483BL-KT	B-483	Blue	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-4000-483BL-KT	B-483	Blue	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-1125-483GN-KT	B-483	Green	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-2250-483GN-KT	B-483	Green	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-4000-483GN-KT	B-483	Green	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-1125-483BK-KT	B-483	Black	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-2250-483BK-KT	B-483	Black	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-4000-483BK-KT	B-483	Black	4.000 (101.6)	100 (30.5)	1 roll (cont.)	B30-R4400-WT
Fig. 3b	B30C-1125-483OR-KT	B-483	Orange	1.125 (28.6)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	B30C-2250-483OR-KT	B-483	Orange	2.250 (57.5)	100 (30.5)	1 roll (cont.)	B30-R6000
Fig. 3b	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

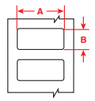


Figure 2

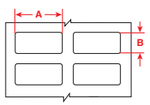


Figure 25



Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 2	B33-194-481	B-481	White	0.900 (22.9)	0.750 (19.1)	1	2,000	B30-R6400
Fig. 25	B33-141-481	B-481	White	0.900 (22.9)	0.900 (22.9)	2	1,500	B30-R6400
Fig. 2	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 overlaminate 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 labeling of frosted/frozen or room temperature vials, tubes and canes. Superior chemical and abrasion resistance
- **B-7425 Polypropylene:** Ideal for labeling 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

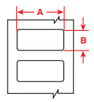


Figure 2

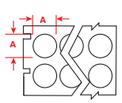


Figure 5

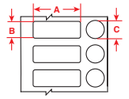


Figure 7b

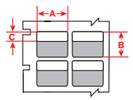


Figure 14c

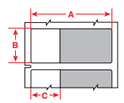


Figure 15c

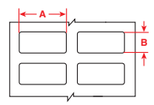


Figure 25a

Diagram	Catalog #	B#	Color	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	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	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. 14c	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	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	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	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 15c	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. 14c	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. 15c	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	B33-144-490	B-490	White	0.500 (12.7)	0.500 (12.7)	–	3	2,500	B30-R4300
Fig 25a	B33-68-490	B-490	White	0.500 (12.7)	0.750 (19.1)	–	4	2,500	B30-R4300
Fig 2	B33-125-490	B-490	White	0.900 (22.9)	0.500 (12.7)	–	1	1,650	B30-R4300
Fig. 7b	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	B33-154-490	B-490	White	1.250 (31.8)	0.375 (9.5)	–	1	1,500	B30-R4300
Fig. 2	B33-155-490	B-490	White	1.625 (41.3)	0.600 (15.2)	–	1	1,500	B30-R4300
Fig. 2	B33-156-490	B-490	White	1.900 (48.2)	1.000 (25.4)	–	1	1,500	B30-R4300
Fig 2	B33-151-490	B-490	White	2.000 (50.8)	0.250 (6.4)	–	1	2,500	B30-R4300
Fig. 2	B33-157-490	B-490	White	2.200 (55.9)	1.500 (38.1)	–	1	1,000	B30-R4300
Fig. 2	B33-158-490	B-490	White	3.750 (95.3)	1.750 (44.4)	–	1	1,100	B30-R4300
Polyester (B-492):									
Fig. 5	B33-143-492	B-492	White	0.375 (9.5) dia.	-	–	4	1,500	B30-R6400
Fig 5	B33-144-492	B-492	White	0.500 (12.7)	0.500 (12.7)	–	3	1,500	B30-R6400
Fig. 7b	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	B33-180-492	B-492	White	0.900 (22.9)	1.000 (25.4)	–	1	1,500	B30-R6400
Fig. 25a	B33-152-492	B-492	White	1.000 (25.4)	0.375 (9.5)	–	2	2,500	B30-R6400
Fig. 7b	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	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	B33-59-492	B-492	White	1.000 (25.4)	0.500 (12.7)	–	1	2,500	B30-R6400
Fig. 2	B33-179-492	B-492	White	1.000 (25.4)	1.000 (25.4)	–	1	1,900	B30-R6400
Fig 2	B33-155-492	B-492	White	1.625 (41.3)	0.600 (15.2)	–	1	1,500	B30-R6400
Fig 7b	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	B33-156-492	B-492	White	1.900 (48.3)	1.000 (25.4)	–	1	1,500	B30-R6400
Fig 2	B33-289-492	B-492	White	3.750 (95.3)	0.250 (6.4)	–	8	15,000	B30-R6400
Polypropylene (B-7425):									
Fig. 2	B33-257-7425	B-7425	White	0.825 (21.0)	0.250 (6.4)	–	1	1,500	B30-R4300
Fig. 25a	B33-152-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	–	2	2,000	B30-R4300
Fig. 2	B33-59-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	–	1	2,000	B30-R4300
Fig. 25a	B33-88-7425	B-7425	White	1.000 (25.4)	0.750 (19.1)	–	2	2,000	B30-R4300
Fig. 2	B33-256-7425	B-7425	White	1.300 (33.0)	0.600 (15.2)	–	1	1,500	B30-R4300
Fig. 25a	B33-37-7425	B-7425	White	1.500 (38.1)	0.500 (12.7)	–	2	1,500	B30-R4300
Fig 2	B33-235-7425	B-7425	White	1.500 (38.1)	1.000 (25.4)	–	1	1,250	B30-R4300
Fig 2	B33-151-7425	B-7425	White	2.000 (50.8)	0.250 (6.4)	–	1	2,000	B30-R4300
Fig 2	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 labeling 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

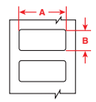


Figure 2

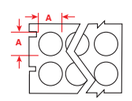


Figure 5

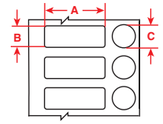


Figure 7b

Diagram	Catalog #	B#	Color	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	B33-143-499	B-499	White	0.375 (9.5)	–	–	4	1,500	B30-R6000
Fig. 5	B33-144-499	B-499	White	0.500 (12.7)	–	–	3	1,500	B30-R6000
Polypropylene (B-7425):									
Fig. 2	B33-257-7425	B-7425	White	0.825 (21.0)	0.250 (6.4)	–	1	1,500	B30-R4300
Fig. 2	B33-152-7425	B-7425	White	1.000 (25.4)	0.375 (9.5)	–	2	2,000	B30-R4300
Fig. 7b	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	B33-59-7425	B-7425	White	1.000 (25.4)	0.500 (12.7)	–	1	2,000	B30-R4300
Fig. 7b	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	B33-179-7425	B-7425	White	1.000 (25.4)	1.000 (25.4)	–	1	1,500	B30-R4300
Fig. 2	B33-256-7425	B-7425	White	1.300 (33.0)	0.600 (15.2)	–	1	1,500	B30-R4300
Fig. 2	B33-37-7425	B-7425	White	1.500 (38.1)	0.500 (12.7)	–	2	1,500	B30-R4300
Fig. 2	B33-136-7425	B-7425	White	1.500 (38.1)	0.750 (19.1)	–	1	1,500	B30-R4300
Fig. 2	B33-258-7425	B-7425	White	1.500 (38.1)	1.750 (44.5)	–	1	900	B30-R4300
Fig. 2	B33-137-7425	B-7425	White	2.000 (50.8)	1.000 (25.4)	–	1	1,500	B30-R4300

Color-Stripe Polyester Lab Labels
(B-494)



White labels with preprinted color borders for color-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 colored boarder is non-printable, but the colored vial top is printable.

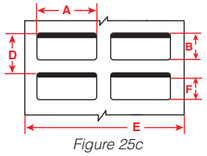


Figure 25c

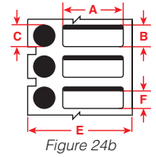


Figure 24b

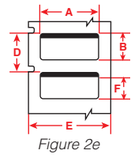


Figure 2e

Diagram	Catalog #	Border Color	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	B33-152-494-BL	Blue	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	B33-152-494-GN	Green	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	B33-152-494-OR	Orange	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	B33-152-494-PK	Pink	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	B33-152-494-RD	Red	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 25c	B33-152-494-YL	Yellow	1.000 (25.4)	0.375 (9.5)	–	0.250 (6.4)	2	1,500	B30-R6400
Fig. 24b	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	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	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	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	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	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	B33-179-494-BL	Blue	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	B33-179-494-GN	Green	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	B33-179-494-OR	Orange	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	B33-179-494-PK	Pink	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	B33-179-494-RD	Red	1.000 (25.4)	1.000 (25.4)	–	0.875 (22.2)	1	1,500	B30-R6400
Fig. 2e	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 labeling 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

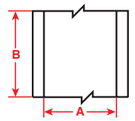


Figure 3



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

Sterilization Indicating Labels

(B-7425-AC)

- Specially designed with a pre-printed “sterilized” header that indicates steam sterilization with a color-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

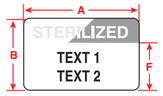


Figure 29a



Before *After*

Diagram	Catalog #	B#	Color	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	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	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

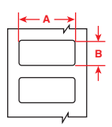


Figure 2



Diagram	Catalog #	B#	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
Fig. 2	B33-199-481	B-481	White	1.050 (26.7)	0.250 (6.4)	1	3,000	B30-R6400
Fig. 2	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 colors 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!

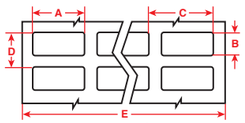


Figure 1

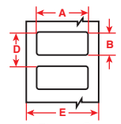


Figure 2

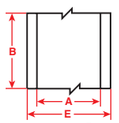


Figure 3a

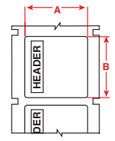


Figure 70









Diagram	Catalog #	Color / 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	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	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	B33-125-499	White	0.900 (22.9)	0.500 (12.7)	–	–	–	–	1	1,500	B30-R6000
Fig. 1	B33-126-499	White	0.900 (22.9)	0.500 (12.7)	–	–	–	–	2	1,500	B30-R6000
Fig. 2	B33-163-499	White	1.000 (25.4)	0.375 (9.5)	–	–	–	–	1	1,500	B30-R6000
Fig. 1	B33-152-499	White	1.000 (25.4)	0.375 (9.5)	–	–	–	–	2	1,500	B30-R6000
Fig. 2	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	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	B30C-500-595-WT	White	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	B30C-1125-595-WT	White	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	B30C-500-595-YL	Yellow	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	B30C-1125-595-YL	Yellow	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000
Fig. 3a	B30C-500-595-RD	Red	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	B30C-1125-595-RD	Red	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	B30C-500-595-BL	Blue	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	B30C-1125-595-BL	Blue	1.125 (28.6)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	B30C-500-595-GN	Green	0.500 (12.7)	–	–	–	–	100 (30.5)	1	1 roll (cont.)	B30-R10000-WT
Fig. 3a	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	B30-241-595-ANSIDA	DANGER	2.250 (57.5)	3.000 (76.2)	–	–	–	–	1	300	B30-R10000
Fig. 70	B30-25-595-ANSIDA		4.000 (101.6)	6.000 (152.4)	–	–	–	–	1	175	B30-R10000
Fig. 70	B30-241-595-ANSINO	NOTICE	2.250 (57.5)	3.000 (76.2)	–	–	–	–	1	300	B30-R10000
Fig. 70	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	B30-260-7569-CLP4B		2.170 (55.0)	3.350 (85.1)	–	–	–	–	1	340	B30-R10000
	B30-261-7569-CLP4B		2.950 (75.0)	4.330 (110.0)	–	–	–	–	1	270	B30-R10000
L4C Diamond + Text	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

Catalog #	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

Catalog #	Description	Qty.
178930	AC Adapter for i4311 Printer Battery, North America	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

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



Printer Soft Case

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

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

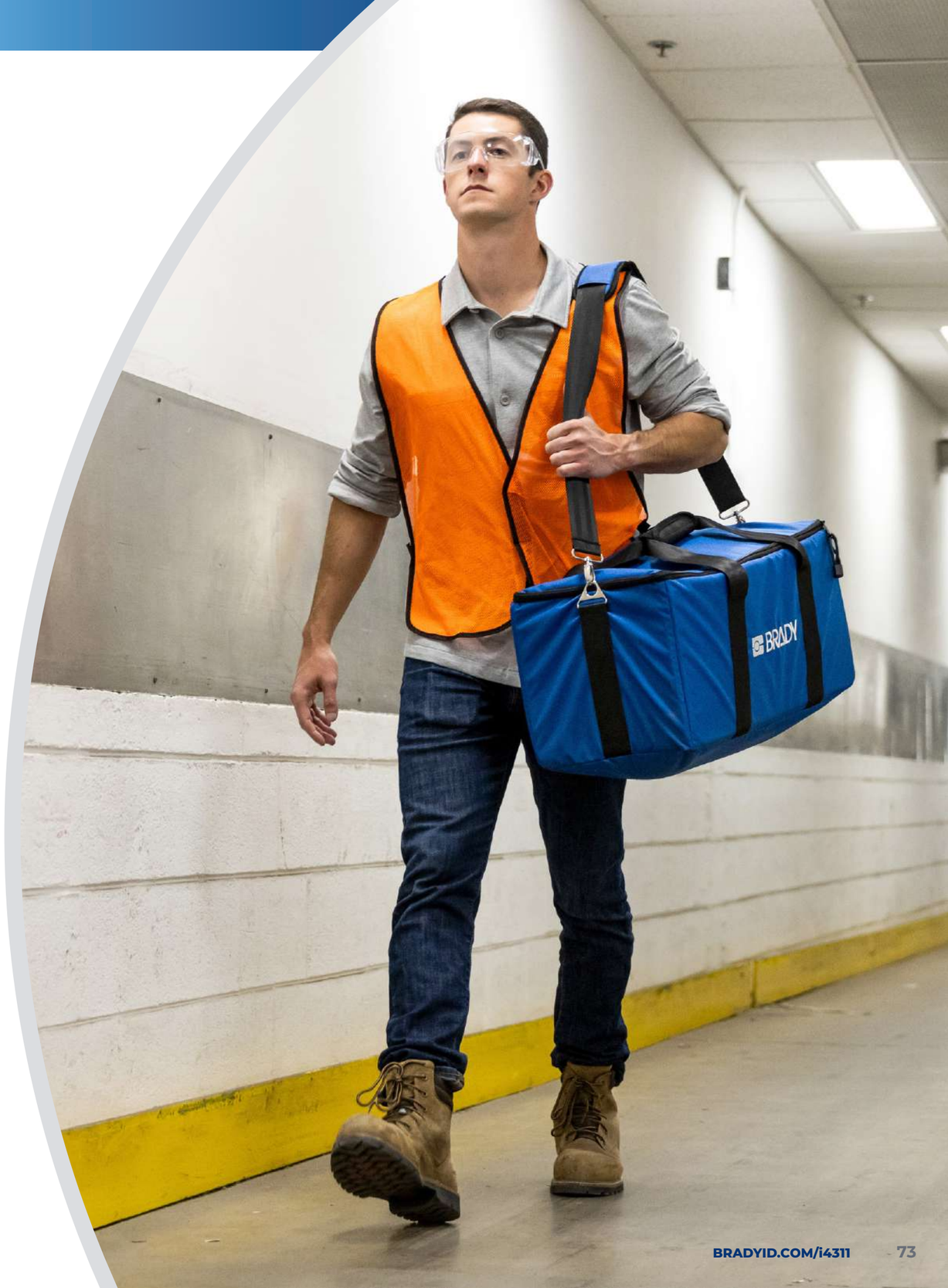


Material Hard Case

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

Catalog #	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" wide label printer with an all-day battery and ergonomic carrying handle.
Printer catalog number	i4311-WB-SFID i4311-WB-PWID i4311-WB-LAB
Label material types	PE (polyethylene), PET (polyester), PET (metallized), 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
Color printing capability	Single Color	**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	Color 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 color 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.	**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.**

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