



# i7500

Label printing  
completely reimagined

**INDUSTRIAL LABEL PRINTER**

# Print the way you **NEVER THOUGHT POSSIBLE**

## Zero waste. Zero hassle. Zero expertise required.

Introducing high-performance, high-volume, high-mix printing completely reimagined. The i7500 brings smart technology to 3" core printing, delivering elevated levels of output with zero waste. Powered by LabelSense™ Technology, the i7500 is loaded with intuitive features that eliminate tedious tasks for unprecedented ease of use. So many ways to print. So versatile that any situation calls for it. So easy that anyone can do it. The printing possibilities are truly endless with the i7500.



### High volume, zero waste

No more wasted time or labels on calibration or trial and error. You'll always print on the very first label.



### 40-second changeovers

Change materials in just 40 seconds with faster ribbon removal and intuitive loading.



### More intuitive. Less intimidating.

Automated features eliminate confusion, tedious tasks and the need to grab an expert.



### 3" core – revolutionized

Smart technology and zero-waste printing equipped for 3" core rolls.



Learn more at [BradyID.com/i7500](https://bradyid.com/i7500) or scan to watch the overview video.



# UNMATCHED PRINTING POSSIBILITIES

## High-performance printing meets smart technology

With so many features doing the work for you, the i7500 is the modern way to create premium, professional-grade labels. Save time with auto setup. Minimize waste with auto part recognition. And eliminate calibration with auto adjustments. Compatible with any method or material you choose, the i7500 is the total package.

## HIGH-PERFORMANCE PRINTING



### Volume performance

- ▶ Designed for high volumes
- ▶ High-speed processor
- ▶ Ideal for high-mix labeling



### 3 configurations

- ▶ Standard printing with tear-off
- ▶ Peel model with internal rewind
- ▶ Auto- or per-cut printing with optional accessory



### 300 and 600 dpi models

- ▶ Offers excellent precision
- ▶ Prints smaller fonts clearly
- ▶ Prints labels as small as 0.125"
- ▶ Interchangeable printhead dpi with no firmware update

## NEXT-LEVEL SMARTS

Powered by LabelSense™ Technology



### Smart 3" core format

- ▶ Smart printing with i75 Series 3" core labels
- ▶ Smart printing with i75 Series ribbons
- ▶ Manual operation with non-i75 Series labels and ribbons



### 40-second changeovers

- ▶ No sensor adjustments
- ▶ No heat or speed adjustments
- ▶ Auto-center ribbons
- ▶ Faster, cleaner ribbon removal



### No wasted labels

- ▶ Prints on the first label
- ▶ No label calibration required
- ▶ No trial and error, headaches or wasted labels
- ▶ One-click label setup using Brady Workstation



▶ Learn more about the power of LabelSense on page 12.



# HIGH PRECISION

## Not high maintenance

Easily manage high-volume, high-mix printing with intuitive features that get you to the finish line faster.

### Print queue

Print immediately or store jobs to print from the display later

### Intuitive interface

Communicates installed part numbers, remaining supply, status, in-job navigation and label preview

### Big 7" color touchscreen

Large icons are user-friendly and allow for faster navigation

### 0.25" to 4" label widths

Prints small labels for electronics and laboratories, as well as larger labels up to 4" wide

### Removable bi-fold cover

Reduces footprint on your workspace by 25% compared to most one-piece covers

### Double-side wire sleeve printing

External feed slot and print app enable two-pass printing with no wasted sleeves

### Connectivity and ports

Three USB ports and Ethernet with optional I/O port and Wi-Fi/Bluetooth

### ZPL\* emulator with auto dpi conversion

Send ZPL scripts in 203, 300 or 600 dpi and the I7500 correctly sizes the label even if the installed printhead dpi is different than the script

\*ZPL is a trademark owned by Zebra Technologies Corporation

### Auto cutter\*

Partially or fully cuts off material after a job, label, set or not at all  
\*optional accessory



# SUPER EASY setup & start-up

The i7500 is designed with LabelSense Technology to enhance and automate features for changeovers a pit crew would be proud of.



## Smart ribbon rolls

Printer detects and auto-centers i75 Series ribbons so ink is always facing the right way; and warns if not optimized for installed labels

## Smart media rolls

All i75 Series rolls have LabelSense Technology that automatically adjusts for speed, size, heat, layout and approved ribbon/material pairings to eliminate trial and error, calibration and wasted materials

## 1-button ribbon removal

Collapsible spindle for faster, safer, cleaner removal of spent ribbon with no cardboard core required

## Anti-wrinkle ribbon bar

Optimizes cross-web ribbon tension for even tracking and wrinkle reduction

## Field-replaceable printhead with interchangeable dpi

Tool-less, user-replaceable printhead using a single-release pin and connectors

## Auto-centering media flanges

Automatically centers 3" core media rolls for precise center-justified printing

## 40-second changeovers

i75 Series labels and ribbons auto center with no sensor adjustments, calibration or wasted labels

## Motorized label optical sensor

Auto-detects installed material and sets sensor to correct mode and moves it to correct location

## Auto-lifting head

Printhead automatically lifts after printing to eliminate pressure indentations and residual ribbon transfer lines

## Easy-access feed path

Wide opening optimizes light and line of sight to the print path sensor and guides when side-loading media



# LABEL CREATION

## for how you work best

Revolutionize the way you create labels with this powerful printer, specifically designed with software to make your printing experience seamlessly simple. Hassle-free labeling with no waste, lightning-fast changeovers and a non-intimidating interface anyone can master — all with Brady's world class label materials.



### Easy to use

With features like auto detection and auto label setup, all you have to do is type and print.



### Driverless operation

No more print drivers to install and manage. Driverless printing keeps work moving smoothly and efficiently.



### One-click label setup

Hit 'print' faster with automated features that streamline the entire label creation process.



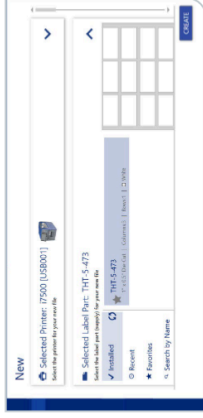
### A full suite of applications

A comprehensive collection of apps and suites, each tailored to specific identification tasks throughout your facility.



## Brady Workstation Labeling Software

Get everything you need to create the right label fast.



### Auto detection

No more scrolling through a long list of materials, your part number is automatically recognized.



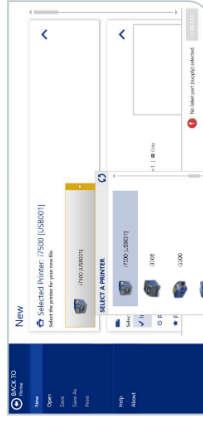
### Auto setup

Automatic recognition of label dimensions and labels per row means you can type and print without the need for time-consuming adjustments.



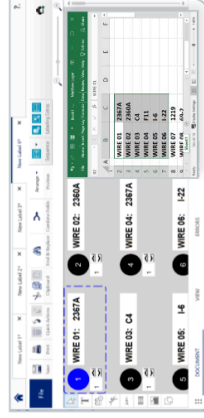
### Customizable templates

Create templates with locked or editable elements for consistent label creation.



### No driver installation needed

Specify heat, speed and other label properties right from the software (and not a driver).



### Data importing

Easily import data from Excel and other sources right onto your labels.



### Sequencing

Create labels based on numeric and alphanumeric sequences.



# Possibilities powered by LabelSense



## Maximize your printing potential with Brady

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 all the confusion and time-consuming tasks.



#### OPTIMIZED BRADY MATERIALS

For a faster, easier labeling experience  
LabelSense materials are pretested to remove all the guesswork, ensuring premium print quality on the first label, on the first try.

#### LABEL CREATION SOFTWARE

Everything to create the right label fast  
Driverless Brady software auto detects LabelSense materials for one-click label setup — just type and print.



## No more pain points.

## No printer compares.

Welcome to the way label making is supposed to be.

- ▶ No wasted labels
- ▶ No heat adjustment
- ▶ No speed adjustment
- ▶ No sensor location adjustment
- ▶ No sensor mode selection
- ▶ No need for trial and error printing
- ▶ No chance to load ribbon backwards
- ▶ No loading wrong ribbon for installed label
- ▶ No mess or blade needed for spent ribbon removal
- ▶ No complications
- ▶ No frustration
- ▶ No expert required



# Printing made SEAMLESSLY SIMPLE

Get the highest level of performance without the headaches

## PRINTER CONFIGURATIONS



### i7500 STANDARD

For day-to-day precision printing on 3" core rolls of labels, tags and continuous media. Media is torn off with included Standard Model Tear Bar Plate. The 600 dpi model is ideal for smaller fonts and barcodes, including 2D codes. Optional auto cutter accessories available.

Catalog #	Configuration
177226†	i7500 Label Printer, Standard tear bar configuration, Wi-Fi/BT, 300 dpi
177715††	i7500 Label Printer, Standard tear bar configuration, Wi-Fi/BT, 600 dpi



### i7500 AUTO CUTTER

Ideal for printing thick and difficult-to-tear materials such as PermaSleeve® markers, cable tags and other non-adhesive and linerless material stocks. Provides full cut-through of printed media and can be set to cut at end of job, after each label row, after a label set or to not cut at all. Comes installed with a Heavy Duty Guillotine Auto Cutter (#177724). Ships with metal Cut Label Tray (#177732).

Catalog #	Configuration
177714	i7500 Label Printer, Auto Cutter configuration, Wi-Fi/BT, 300 dpi
177717*	i7500 Label Printer, Auto Cutter configuration, Wi-Fi/BT, 600 dpi



### i7500 PEEL

Printed labels can be partially peeled off the liner, internally rewound onto a 1.5" core, or printed with no peel or rewind. In peel mode, the next label is triggered manually, but can be automated with optional Label Taken Sensor (#177726). If non-peel printing is desired, a special Peel Model Tear Plate can be installed. Ships with smooth-edge peel bar plate (installed), peel tear plate, rewind guide plate and 1.5" internal rewind takeup core. **Not compatible with cutter accessories.**

Catalog #	Configuration
177227††	i7500 Label Printer, Peel configuration, Wi-Fi/BT, 300 dpi
177716††	i7500 Label Printer, Peel configuration, Wi-Fi/BT, 600 dpi

\* Available Spring 2025  
† Non-Wi-Fi models available upon request

▶ All models ship with free Brady Workstation Product & Wire ID software. To learn more, see pages 10-11

## ACCESSORIES

Catalog #	Description	Details
177724	Auto Cutter - Heavy Duty Guillotine	Compatible with Standard printer only. Can be set to fully cut after each row, after label set, at the end of a job or no cut at all. Limited to a cut length of 11 mm or greater. User-installable using included T-20 wrench. Includes metal tray (#177732) to capture cut labels.
177725*	Auto Cutter - Perforation Cut	Compatible with Standard printer only. For partial cut-through of continuous pressed sleeves and other approved media. User-installable using included T-20 wrench.
177726*	Label Taken Sensor	Compatible with Peel printer only. Sensor detects when a peeled label has been removed and automatically stops the printer to print and peel the next label. Sensor eye is movable cross-wise. User-installable using included T-20 wrench.
177722	Replacement Printhead - 300 dpi	Great for day-to-day precision printing of text, barcodes and symbols. Can be interchanged with the 600 dpi printhead with no re-calibration or firmware update. User-installable.
177723*	Replacement Printhead - 600 dpi	Ideal for intricate printing of smaller fonts and barcodes, including 2D codes. Can be interchanged with the 300 dpi printhead with no re-calibration or firmware update. User-installable.
PCK-6	IPA Printhead Cleaning Swabs	Pre-soaked in IPA, lint-free synthetic cleaning swabs. Package of 50 individually-wrapped swabs.
STYLUS-CAP	Soft Tip Stylus for Touchscreen	Easily make accurate selections on capacitive touchscreens to reduce errors.

## REPLACEMENT PRINT ROLLERS

Extend the life of your printhead and optimize print quality with replacement print rollers, available in full width or narrow sizes. When using narrow rollers, always ensure the roller is wider than the label media, and the ribbon is also wider than the roller.

Catalog #	Description	Details
177734	114 mm Print Roller	User-installable replacement. 114 mm Print Roller. For media up to 114 mm wide. Ships installed in all printers.
177735	80 mm Print Roller	User-installable replacement. 80 mm Print Roller. For media up to 80 mm wide.
177736	50 mm Print Roller	User-installable replacement. 50 mm Print Roller. For media up to 50 mm wide.
177737	25 mm Print Roller	User-installable replacement. 25 mm Print Roller. For media up to 25 mm wide.

## SPARE MEDIA PLATES & OTHER ACCESSORIES

Catalog #	Description	Details
177728*	Internal Rewind Guide Plate	Compatible with Peel printer only. The plate guides printed labels back into the printer at a safe angle for internal rolled takeup on a 1.5" cardboard core. User-installable using included T-20 wrench.
177727*	1.5" Internal Rewind Takeup Core	Compatible with Peel printer only. Spare cardboard core placed onto lower rewind takeup spindle for takeup of printed labels onto a core.
177729	Standard Model Tear Plate	Spare tear bar plate for the Standard and Auto Cutter printers. User-installable using included T-20 wrench.
177730*	Peel Model Tear Plate	Compatible with Peel printer only. Replacement special-sized serrated tear plate for taking off labels when using a peel printer for a non-peel print job. User-installable using included T-20 wrench.
177731*	Smooth Edge Peel Bar Plate	Compatible with Peel printer only. Replacement peel bar for use when using a peel printer for a peel-off print job. User-installable using included T-20 wrench.
177732	Cut Label Tray	Spare cutter tray for the Auto Cutter printer and the Heavy Duty Guillotine Cutter. Collects cut labels in a sturdy metal tray that hooks onto the cutter. Not compatible with the Peel Cutter.
177738	T-20 Accessory wrench	Spare wrench for the included T-20 wrench that ships with all printers.

\* Available Spring 2025







# 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 Materials are UL-recognized with its respective ribbon.
- CSA Materials are CSA approved with its respective ribbon.

B-# material	Series I75-R4300	Series I75-R4900	Series I75-R6000	Series I75-R6200	Series I75-R6300	Series I75-R6400	Series I75-R6600	Series I75-R6700	Series I75-R6800	Series I75-R4400	Series I75-R4500
B-109											
B-338											
B-342											
B-342 H.K.											
B-344											
B-344 H.K.											
B-345											
B-345 H.K.											
B-350											
B-351											
B-362											
B-368											
B-402											
B-403											
B-408											
B-412											
B-413											
B-417											
B-422											
B-423											
B-424											
B-425A											
B-427											
B-428											
B-430											
B-432											
B-434A											
B-437											
B-438											
B-439											
B-448											
B-461											
B-472											
B-473											
B-480A											
B-481											
B-483A											
B-484A											
B-488											
B-488A											

For further material compatibility related to UL/CSA, see pages 21-26 or refer to Brady Tech Data Sheet for complete material performance specifications



- Recommended ribbon for use with respective material.
- ▲ Acceptable ribbon for use with respective material.
- UL Materials are UL-recognized with its respective ribbon.
- CSA Materials are CSA approved with its respective ribbon.

B-# material	Series I75-R4300	Series I75-R4900	Series I75-R6000	Series I75-R6200	Series I75-R6300	Series I75-R6400	Series I75-R6600	Series I75-R6700	Series I75-R6800	Series I75-R4400	Series I75-R4500
B-400											
B-482											
B-484											
B-486											
B-488											
B-489											
B-506											
B-521											
B-522											
B-533											
B-563											
B-593 H.K.											
B-618											
B-711											
B-712											
B-719											
B-724											
B-728											
B-729											
B-7425											
B-7425-AC											
B-7546											
B-7566											
B-7576											
B-7641											
B-7642											
B-7642 H.K.											
B-7643											
B-7646											
B-767											
B-768											
B-776											
B-777											
B-7797											
B-797											
B-8117											
B-8591											
B-8591 H.K.											

For further material compatibility related to UL/CSA, see pages 21-26 or refer to Brady Tech Data Sheet for complete material performance specifications



# LABEL MATERIALS



**Automatically detected**

Materials are recognized in seconds



**Automatically calibrated**

The very first label is usable



**Optimum performance**

Print with confidence on labels designed for durability



**Get custom labels**

Need a special size, color or shape? Contact a Brady rep to learn more.



## Materials for every application

Successful projects start (and end) with Brady materials.



Scan for technical material properties

	Color	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-109	○	n/a	n/a	•		-40° to 212°F	RoHS	37
B-338	○			•	•	-67° to 392°F	RoHS	59
B-342	●	•		•		-67° to 275°F	RoHS	60, 61
B-344	●	•		•		-67° to 275°F	RoHS	62, 63
B-345	●	•		•		-67° to 437°F	RoHS	69
B-350	○	•			•	-94 to 194° F	RoHS	35
B-351	○	•				-40 to 176° F	RoHS	34
B-362	●	•			•	-94° to 212°F	RoHS	34
B-388	○	n/a	n/a			-67°F to 275°F	RoHS	59
B-402	○	•				-94° to 140°F	RoHS	39
B-403	○	•				-94° to 122°F	RoHS	39, 77
B-408	○					max 158° F	RoHS	39
B-412	○	n/a	n/a			-40°F to 212°F	RoHS	37, 53
B-413	●	•				-94° to 248°F	RoHS	27, 32
B-417	○	•				-94° to 158°F	RoHS	55

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





Page #	Regulations	Service Temperature	Gloss	Matte	Removable	Permanent	Color
B-508	BradyTag™ cable Tag Stock Non-adhesive NOMEX® cable marker tag with excellent tear, solvent resistance and heat resistance. The label is printed on the surface of the tag and the topcoat also appears on the surface of the tag so it cannot be reused.	-94°F to 266°F	•	n/a	n/a	•	●
B-521	Resin Coated Adhesive Chemical Resistant Clear Polypropylene Clear Polypropylene with a semi-gloss finish and removable adhesive. Ideal for general identification where label can be applied and cleanly removed. Not recommended for long term outdoor use.	-94 to 194° F	•	•	•	•	●
B-522	Removable Adhesive Multi-Purpose Clear Polyester Clear Polyester with a glossy finish and removable adhesive. Ideal for temporary barcoding, product part labeling, and general identification where label can be applied and cleanly removed. Not recommended for long term outdoor use.	-70 to 200° F	•	•	•	•	●
B-533	Removable Adhesive Multi-Purpose Polyester Polyester with a high-gloss finish and removable adhesive. Ideal for temporary barcoding, product and part labeling, and general identification where label can be applied and cleanly removed. Not recommended for long term outdoor use.	-70 to 212° F	•	•	•	•	●
B-533	Raised Profile Foam-backed Polyester High-gloss, raised profile adhesive. Designed for 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	•	•	•	•	●
B-618	Multi-Purpose Matte Polyester Matte polyester for general-purpose applications requiring good solvent and heat resistance.	-94° to 248°F	•	•	•	•	●
B-711	One Step Process™ Clear Polyester Window Label Backside-printed clear polyester label with adhesive only around the Clear border only leaving a non-adhesive protective window where the label is desired. Window label is designed with the need to apply to clear polyester labels.	-112° to 248°F	•	•	•	•	●
B-712	One Step Process™ Clear Polyester Window Label with White Border Backside-printed clear polyester label with adhesive only around the White border only 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	•	•	•	•	●
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 cleaning solvents encountered in the manufacture of printed circuit boards and marking when printed with the Brady Series 86000 Halogen Free ribbon.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
B-724	Ultra High Temp Matte Amber 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. 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	•	•	•	•	●
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 tinning. Can be used for top- or bottom-side component or board identification.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
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	•	•	•	•	●
B-7425	Chemical and Temperature Resistant Matte Polypropylene Designed for laboratory applications that expose the label to liquid nitrogen, acetone and other harsh environments. Can be applied to both curved or flat surfaces.	-112° to 250°F check TDS for specific applications	•	•	•	•	●
B-7425-AC	Sterilization Autoclave Polypropylene Matte 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	•	•	•	•	●
B-7546	VOID Pattern Temper-Evident Polyester Temper-indicating, white polyester label that leaves an aggressive VOID pattern on the surface if label is removed, and the topcoat also appears on the surface of the label so it cannot be reused.	-4 to 212° F	•	•	•	•	●
B-7566	VOID Pattern Temper-Evident Clear Polyester Temper-indicating, clear polyester label that leaves an aggressive VOID adhesive pattern on the surface if label is removed, and the topcoat also appears on the surface of the label so it cannot be reused.	-94 to 176° F	•	•	•	•	●

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

Page #	Regulations	Service Temperature	Gloss	Matte	Removable	Permanent	Color
B-7576	VOID Pattern Matte Metalized Polyester Heat-shrinkable, silver metalized polyester label that leaves an aggressive VOID pattern on the surface if label is removed, and the topcoat also appears on the surface of the label so it cannot be reused.	-94 to 212° F	•	•	•	•	●
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	•	•	•	•	●
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 resistant, and a very flexible industrial- and military-grade sleeve.	-40° to 248°F	•	•	•	•	●
B-7643	Zero Halogen Polyurethane Cable 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.	-40° to 193°F	•	n/a	n/a	•	●
B-7646	PermaSleeve® Heat Shrink Sleeves Heat-shrinkable polyolefin wire and cable marking sleeve with a 3:1 shrink ratio. Designed for extended exposure to fluids, common oils, lubricants, solvents and higher temperatures. Available in Nylon and cable-wire pickup only.	-55° to 135°F	•	•	•	•	●
B-767	Electrostatic Dissipative Non-Reflew and Reflew Polyimide Glossy 2-mil low-profile polyimide film with a permanent, static dissipative adhesive and electronic component labeling. Does not require reflow or preheating to ensure print readability. Ideal for multiple harsh-condition washes. UL Recognized to UL999 standard for labeling and marking when printed with the Brady Series 86000 Halogen Free ribbon.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
B-768	Ultra-Thin Electrostatic Non-Reflew and Reflew Polyimide Glossy 1-mil low-profile 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. Does not require reflow or preheating to ensure print readability. Ideal for multiple harsh-condition washes. UL Recognized to UL999 standard for labeling and marking when printed with the Brady Series 86000 Halogen Free ribbon.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
B-776	High Temp Green Polyimide Glossy light green polyimide film with permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Green color is ideal for differentiating from other polyimide products and glossy topcoat provides excellent contrast and smear resistance.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
B-777	Non-Reflew 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 830-8630 Ribbon.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
B-7797	High Temp Auto-Reflew and Reflew Polyimide Glossy polyimide film with permanent acrylic adhesive, designed for use with the ALF-1425 Label Feeder. This material is ideal for printed circuit board and electronic component pre-process labeling applications and can withstand multiple cycles of harsh condition washes without requiring reflow.	-112° to 572°F check TDS for temp duration details	•	•	•	•	●
B-797	High Temp Non-Reflew and Reflew Polyimide Glossy polyimide film with a permanent acrylic adhesive, cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Does not require reflow or preheating to ensure print readability. Matte topcoat provides excellent resistance to solder tinning. Can be used for top- or bottom-side component or board identification.	-94° to 572°F check TDS for temp duration details	•	•	•	•	●
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	•	•	•	•	●
B-813	Direct Thermal Paper Direct thermal printable paper label with a permanent adhesive. The material does not require the use of a print ribbon.	-40° to 140°F	•	•	•	•	●
B-816	Thermal Direct Thermal Paper Direct thermal printable paper label with a removable adhesive. This material does not require the use of a print ribbon.	-40° to 140°F	•	•	•	•	●
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	•	•	•	•	●

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





### Aggressive Adhesive Polyester Labels

- For general purpose identification, product labels, raiting 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

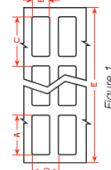


Figure 1

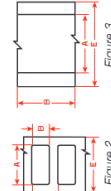


Figure 2



Figure 3



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 Pig	Rec. Ribbon
<b>Gloss polyester with aggressive adhesives for textured surfaces (B-422)</b>										
Fig. 1	Tr-F-48-422-10	White	0.500 (12.7)	0.375 (9.5)	0.600 (15.2)	2.500 (63.5)	4	10,000	175-R6002	
Fig. 2	Tr-F-49-422-10	White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	2.500 (63.5)	4	10,000	175-R6002	
Fig. 1	Tr-F-38-422-10	White	0.500 (12.7)	0.200 (5.1)	0.625 (15.9)	3.200 (81.3)	5	10,000	175-R6002	
Fig. 1	Tr-F-42-422-10	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 1	Tr-F-102-422-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 2	Tr-F-104-422-10	White	1.500 (38.1)	0.375 (9.5)	1.700 (43.2)	3.350 (85.1)	2	10,000	175-R6002	
Fig. 1	Tr-F-17-422-10	White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	3.350 (85.1)	2	10,000	175-R6002	
Fig. 2	Tr-F-17-422-3	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 1	Tr-F-18-422-3	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.950 (74.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-18-422-3	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-422-1	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6007	
Fig. 2	Tr-F-18-422-3	White	4.000 (101.6)	3.000 (76.2)	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R6007	
Fig. 2	Tr-F-19-422-1	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
<b>Clear polyester with aggressive adhesives for textured surfaces (B-432)</b>										
Fig. 9	Tr-F-19-432-1	Clear	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
<b>Flexible polyester with aggressive adhesives for textured and opaque or uneven surfaces (B-444A)</b>										
Fig. 1	Tr-F-15-484-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 2	Tr-F-17-484-3	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-15-484-3	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-15-484-1	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R6007	
<b>Aggressive adhesive multi-silver polyester with high resistance, full adhesion (B-444B)</b>										
Fig. 1	Tr-F-12-483-10	Silver	0.500 (12.7)	0.437 (11.1)	0.625 (16.8)	3.350 (85.1)	5	10,000	175-R6002	
Fig. 1	Tr-F-14-483-10	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	3.950 (100.3)	4	10,000	175-R6002	
Fig. 1	Tr-F-15-483-10	Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 1	Tr-F-16-483-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 1	Tr-F-17-483-10	Silver	1.000 (25.4)	0.600 (15.2)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 1	Tr-F-18-483-10	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	3.350 (85.1)	2	10,000	175-R6002	
Fig. 3	Tr-F-106-480	Silver	2.000 (50.8)	3.000 (76.2)	3.000 (76.2)	2.200 (55.9)	1	1 Roll Cont.	175-R6000	
Fig. 2	Tr-F-53-483-3	Silver	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	175-R6000	
Fig. 2	Tr-F-53-483-3	Silver	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.950 (74.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-18-483-3	Silver	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-483-1	Silver	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
Fig. 3	Tr-F-21-480	Silver	4.000 (101.6)	3.000 (76.2)	3.000 (76.2)	4.200 (106.7)	1	1 Roll Cont.	175-R6007	
Fig. 2	Tr-F-55-483-1	Silver	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R6002	

### Ultra Aggressive Adhesive Polyester Labels

- Ideal for general purpose identification, product labels, raiting 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

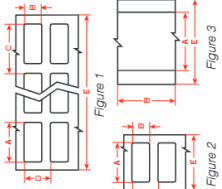


Figure 1

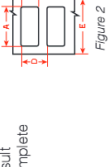


Figure 3

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 Pig	Rec. Ribbon
<b>Gloss polyester with ultra aggressive adhesive for highly textured surfaces (B-450A)</b>										
Fig. 1	Tr-F-48-453-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 2	Tr-F-59-483-10	White	1.000 (25.4)	0.500 (12.7)	1.650 (41.9)	3.125 (79.4)	1	10,000	175-R6002	
Fig. 1	Tr-F-37-483-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	3.350 (85.1)	2	10,000	175-R6002	
Fig. 2	Tr-F-17-483-3	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 3	Tr-F-106-483	White	2.000 (50.8)	3.000 (76.2)	3.000 (76.2)	2.200 (55.9)	1	1 Roll Cont.	175-R6000	
Fig. 2	Tr-F-18-483-3	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.950 (74.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	3.000 (76.2)	3.000 (76.2)	3.200 (81.3)	1	1,000	175-R6002	
Fig. 2	Tr-F-21-483	White	4.000 (101.6)	3.000 (76.2)	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R6007	
Fig. 2	Tr-F-107-483	White	4.000 (101.6)	3.000 (76.2)	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R6007	
Fig. 2	Tr-F-18-483-1	White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.200 (106.7)	1	1,000	175-R6007	
<b>Matte polyester with ultra aggressive adhesive for highly textured surfaces (B-450B)</b>										
Fig. 1	Tr-F-48-453-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 1	Tr-F-37-483-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	3.350 (85.1)	2	10,000	175-R6002	
Fig. 2	Tr-F-17-483-3	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-18-483-3	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.950 (74.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
Fig. 2	Tr-F-19-483-1	White	3.000 (76.2)	3.000 (76.2)	3.000 (76.2)	3.200 (81.3)	1	1,000	175-R6002	
Fig. 2	Tr-F-21-480	White	4.000 (101.6)	3.000 (76.2)	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R6007	
Fig. 2	Tr-F-55-483-1	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R6002	
Fig. 2	Tr-F-18-483-1	White	4.000 (101.6)	3.000 (76.2)	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R6007	
<b>Removable Adhesive Polyester Labels</b>										
<b>(B-522, B-533)</b>										
• White Polyester thermal transfer with removable adhesive										
• Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and a label that can be cleanly removed										

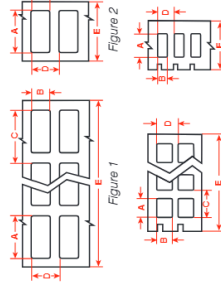


Figure 1

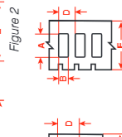


Figure 3

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 Pig	Rec. Ribbon
<b>Gloss polyester with removable adhesive (B-522)</b>										
Fig. 1	Tr-F-12-533-10	White	0.500 (12.7)	0.437 (11.1)	0.625 (16.8)	3.350 (85.1)	5	10,000	175-R6002	
Fig. 1	Tr-F-15-533-10	White	1.000 (25.4)	0.500 (12.7)	0.625 (16.8)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 2	Tr-F-59-533-10	White	1.000 (25.4)	0.500 (12.7)	1.650 (41.9)	3.125 (79.4)	1	10,000	175-R6002	
Fig. 2	Tr-F-17-533-3	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 2	Tr-F-18-533-3	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 2	Tr-F-19-533-1	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	
<b>Gloss clear polyester with removable adhesive (B-522)</b>										
Fig. 6	Tr-F-12-522-10	Clear	0.500 (12.7)	0.437 (11.1)	0.625 (16.8)	3.350 (85.1)	5	10,000	175-R6002	
Fig. 6	Tr-F-15-522-10	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	3	10,000	175-R6002	
Fig. 9	Tr-F-59-522-10	Clear	1.000 (25.4)	0.500 (12.7)	1.650 (41.9)	3.125 (79.4)	1	10,000	175-R6002	
Fig. 9	Tr-F-17-522-3	Clear	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	2.200 (55.9)	1	3,000	175-R6002	
Fig. 9	Tr-F-18-522-3	Clear	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R6002	
Fig. 9	Tr-F-19-522-1	Clear	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R6002	



## Aggressive Adhesive All-Weather 12-Year Outdoor Polyester Labels (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

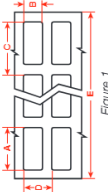


Figure 1

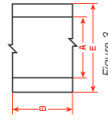


Figure 2



Figure 3



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 Pkg	Res. Ribbon
Fig. 1	TH-F11-8591-10-9K	Black	0.250 (6.35)	0.950 (24.13)	1.075 (27.3)	0.875 (22.2)	3.200 (81.3)	12	10,000	75-R4402-WT
Fig. 1	TH-F6-8591-10-9K	Black	1.000 (25.4)	0.950 (24.13)	1.075 (27.3)	0.875 (22.2)	3.350 (85.1)	3	10,000	75-R4402-WT
Fig. 1	TH-F12-8591-10-9K	Black	1.500 (38.1)	0.950 (24.13)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R4402-WT
Fig. 2	TH-F17-8591-10-9K	Black	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	3.200 (81.3)	1	3,000	75-R4402-WT
Fig. 2	TH-F19-8591-10-9K	Black	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	3.200 (81.3)	1	1,000	75-R4402-WT
Fig. 3	TH-F21-8591-10-9K	Black	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R4402-WT
Fig. 2	TH-F16-8591-10-9K	Black	4.000 (101.6)	3.000 (76.2)	4.125 (104.8)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R4402-WT
Fig. 1	TH-F14-8591-10-9K	Silver	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	3.200 (81.3)	12	10,000	75-R6002
Fig. 1	TH-F6-8591-10-9K	Silver	1.000 (25.4)	0.250 (6.35)	1.075 (27.3)	0.875 (22.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F12-8591-10-9K	Silver	1.500 (38.1)	0.250 (6.35)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-8591-10-9K	Silver	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-8591-10-9K	Silver	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 3	TH-F21-8591-10-9K	Silver	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002
Fig. 2	TH-F16-8591-10-9K	Silver	4.000 (101.6)	3.000 (76.2)	4.125 (104.8)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002
Fig. 1	TH-F14-8591-10-9K	Silver	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	3.200 (81.3)	12	10,000	75-R6002
Fig. 1	TH-F6-8591-10-9K	White	1.000 (25.4)	0.250 (6.35)	1.075 (27.3)	0.875 (22.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F12-8591-10-9K	White	1.500 (38.1)	0.250 (6.35)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-8591-10-9K	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-8591-10-9K	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 3	TH-F21-8591-10-9K	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002
Fig. 2	TH-F16-8591-10-9K	White	4.000 (101.6)	3.000 (76.2)	4.125 (104.8)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002
Fig. 1	TH-F14-8591-10-9K	White	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	0.250 (6.35)	3.200 (81.3)	12	10,000	75-R6002
Fig. 1	TH-F6-8591-10-9K	White	1.000 (25.4)	0.250 (6.35)	1.075 (27.3)	0.875 (22.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F12-8591-10-9K	White	1.500 (38.1)	0.250 (6.35)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-8591-10-9K	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-8591-10-9K	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 3	TH-F21-8591-10-9K	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002
Fig. 2	TH-F16-8591-10-9K	White	4.000 (101.6)	3.000 (76.2)	4.125 (104.8)	2.200 (55.9)	4.200 (106.7)	1	1,000	75-R6002

## Standard Adhesive Electrostatic Dissipative Polyester Labels (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-641 "Packaging Material Standards for ESD Sensitive Items")
- Consult technical data sheet for UL / CSA ratings and complete performance details

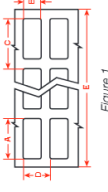


Figure 1

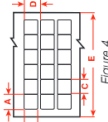


Figure 2



Figure 3



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 Pkg	Res. Ribbon
Fig. 4	TH-F11-473-10	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	3.200 (81.3)	12	10,000	75-R6002
Fig. 1	TH-F70-473-20	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	75-R6002
Fig. 1	TH-F38-473-10	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	75-R6002
Fig. 1	TH-F12-473-10	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.300 (7.6)	3.350 (85.1)	5	10,000	75-R6002
Fig. 1	TH-F36-473-10	White	0.500 (12.7)	0.200 (5.1)	0.625 (15.9)	0.300 (7.6)	3.200 (81.3)	5	10,000	75-R6002
Fig. 1	TH-F66-473-10	White	0.500 (12.7)	0.275 (7.0)	0.620 (15.2)	0.375 (9.5)	2.500 (63.5)	4	10,000	75-R6002
Fig. 2	TH-F97-473-10	White	0.500 (12.7)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	1.700 (43.2)	1	10,000	75-R6002
Fig. 2	TH-F14-473-10	White	0.650 (16.5)	0.200 (5.1)	0.300 (7.6)	0.300 (7.6)	1.950 (49.8)	4	10,000	75-R6002
Fig. 1	TH-F7-473-10	White	0.700 (17.8)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	75-R6002
Fig. 1	TH-F1-473-10	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	75-R6002
Fig. 2	TH-F46-473-10	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	75-R6002
Fig. 1	TH-F2-473-10	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F99-473-10	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	75-R6002
Fig. 2	TH-F103-473-10	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-473-10	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F8-473-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F59-473-10	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	10,000	75-R6002
Fig. 2	TH-F13-473-10	White	1.250 (31.8)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F43-473-10	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	75-R6002
Fig. 2	TH-F44-473-10	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	75-R6002
Fig. 1	TH-F4-473-10	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F45-473-10	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	75-R6002
Fig. 2	TH-F15-473-2.5	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	75-R6002
Fig. 2	TH-F48-473-10	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	75-R6002

• **WARNING:** Consult [www.PDSWarnings.ca.gov](http://www.PDSWarnings.ca.gov)







### Tamper-Evident Checkerboard Pattern Metalized 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

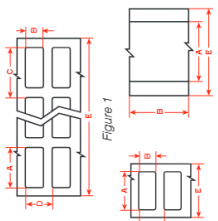


Figure 1

Figure 2

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 Pkg	Rec. Ribbon
Fig. 1	TH-F12-438-10	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.300 (7.6)	3.350 (85.1)	5	10,000	75-R6002
Fig. 1	TH-F14-438-10	Silver	0.650 (16.5)	0.250 (6.4)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	75-R6002
Fig. 1	TH-F15-438-10	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.600 (15.2)	3.350 (85.1)	4	10,000	75-R6002
Fig. 1	TH-F17-438-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F18-438-10	Silver	1.000 (25.4)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F19-438-10	Silver	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F16-438-3	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F17-438-3	Silver	2.000 (50.8)	1.000 (25.4)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-438-3	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
Fig. 2	TH-F19-438-3	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-438-1	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002
Fig. 3	TH-F12-438	Silver	3.000 (76.2)	300.0 (914.4mm)	-	-	3.200 (81.3)	1	1 Roll Cont.	75-R6002

### Tamper Resistant Destructible Vinyl Labels (B-351, B-362)

- Vinyl material with multiple finish options and permanent adhesive
- Tamper resistant material fractures to both show signs of product tampering and make label removal very difficult, and one piece label removal impossible
- Use caution when removing from liner as material is fragile
- Ideal for rating and serial plates



Before

After

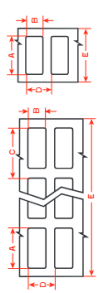


Figure 1

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 Pkg	Rec. Ribbon
Fig. 1	TH-F12-351-10	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.300 (7.6)	3.350 (85.1)	5	10,000	75-R6002
Fig. 1	TH-F14-351-10	White	0.650 (16.5)	0.250 (6.4)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	75-R6002
Fig. 1	TH-F15-351-10	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.300 (7.6)	3.350 (85.1)	4	10,000	75-R6002
Fig. 1	TH-F17-351-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F16-351-10	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	10,000	75-R6000
Fig. 1	TH-F18-351-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F19-351-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F15-351-2.5	White	2.000 (50.8)	0.750 (19.1)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	75-R6000
Fig. 2	TH-F17-351-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-351-3	White	2.000 (50.8)	1.000 (25.4)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F19-351-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-351-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002
Fig. 1	TH-F15-352-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F16-352-10	Silver	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	10,000	75-R6000
Fig. 1	TH-F17-352-10	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F18-352-10	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-352-3	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-352-3	Silver	2.000 (50.8)	1.000 (25.4)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F19-352-3	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
Fig. 2	TH-F19-352-1	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002

### Tamper Evident Void Pattern Polyester Labels (B-7546, B-7566, B-7576)

- Leaves a "VOID" footprint on the surface if the label is removed. A "VOID" pattern will also appear on the top surface of the label to prevent reuse
- Ideal for asset tracking labels and warranty labels on products
- The adhesive nature of this product does not allow for repositioning and requires minimal handling in order to prevent prematurely exposed VOID pattern

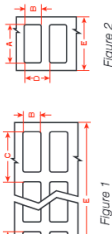


Figure 1

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 Pkg	Rec. Ribbon
VOID pattern (clear polyester material) (B-7546)										
Fig. 1	TH-F12-7546-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F14-7546-10	White	1.000 (25.4)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F15-7546-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F17-7546-10	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	1.25 (31.8)	3.350 (85.1)	1	3,000	75-R6002
Fig. 2	TH-F16-7546-3	White	2.000 (50.8)	1.000 (25.4)	-	1.25 (31.8)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F17-7546-3	White	2.000 (50.8)	1.000 (25.4)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-7546-3	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
Fig. 2	TH-F19-7546-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F19-7546-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002
VOID pattern (clear polyester material) - Silver (B-7566)										
Fig. 1	TH-F12-7566-10	Clear	0.500 (12.7)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	2.950 (74.9)	4	10,000	75-R6002
Fig. 1	TH-F14-7566-10	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	2.950 (74.9)	3	10,000	75-R6002
Fig. 1	TH-F15-7566-10	Clear	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-7566-3	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-7566-3	Clear	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
VOID pattern (metalized matte polyester material) - Matte (B-7576)										
Fig. 1	TH-F12-7576-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 1	TH-F14-7576-10	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 1	TH-F15-7576-10	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	1.25 (31.8)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F17-7576-3	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F18-7576-3	Silver	2.000 (50.8)	1.000 (25.4)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F19-7576-3	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
Fig. 2	TH-F19-7576-1	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002

### Water-Indicating Paper Labels (B-350)

- Primable water-indicating laminate labels for thermal transfer printers are designed for use in locations where clear evidence of water intrusion is needed

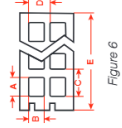
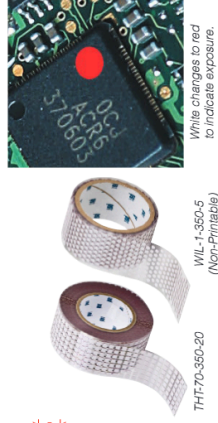


Figure 6



While changes to red to indicate exposure.

TH-F170-350-20 (Non-Printable)

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 Pkg	Rec. Ribbon
Primable Water-Indicating Labels										
Fig. 6	TH-F170-350-20	White Changes to Red	0.250 (6.35)	0.250 (6.4)	0.320 (8.1)	1.125 (28.6)	3.200 (81.3)	7	20,000	75-R6002
Non-Printable Water-Indicating Labels										
-	WL-1-350-5	White Changes to Red	0.100 (4.1)	-	-	0.200 (5.1)	2.000 (50.8)	8	5,000	N/A Non-Printable
-	WL-1-350-20	White Changes to Red	0.100 (4.1)	-	-	0.200 (5.1)	2.000 (50.8)	8	20,000	N/A Non-Printable

### 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

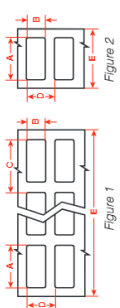


Figure 1



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 Pkg	Res. Ribbon
Fig. 1	TH-F5-425-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	175-R4307
Fig. 2	TH-F5-425-3	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	2.850 (72.6)	1	3,000	175-R4307
Fig. 2	TH-F5-425-3	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.650 (67.3)	2.850 (72.6)	1	3,000	175-R4307
Fig. 2	TH-F5-425-3	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	3.200 (81.3)	1	3,000	175-R4307
Fig. 2	TH-F5-425-1	White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.2)	3.200 (81.3)	1	1,000	175-R4307
Fig. 2	TH-F5-425-1	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F5-425-1	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R4307

### Removable Chemical and Solvent Resistant Polypropylene Labels (B-449, B-521)

- Polypropylene material with removable adhesive in matte white or clear. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and low temperature performance
- Ideal for use in temporary labeling applications where long term adhesion is not needed
- Not recommended for long-term outdoor use

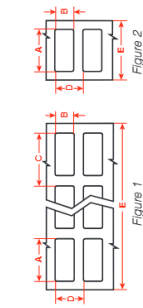


Figure 1



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 Pkg	Res. Ribbon
<b>Polypropylene matte white with removable adhesive (B-449)</b>										
Fig. 1	TH-F5-449-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	175-R4307
Fig. 1	TH-F5-449-10	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.275 (6.9)	2.750 (69.9)	2	10,000	175-R4307
Fig. 1	TH-F5-449-3	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,000	175-R4307
Fig. 2	TH-F5-449-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	175-R4307
Fig. 2	TH-F5-449-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R4307
Fig. 2	TH-F5-449-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R4307
Fig. 2	TH-F5-449-1	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F5-449-1	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R4307
<b>Polypropylene glass clear with removable adhesive (B-521)</b>										
Fig. 1	TH-F5-521-10	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	175-R4307
Fig. 1	TH-F5-521-10	Clear	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.275 (6.9)	2.750 (69.9)	2	10,000	175-R4307
Fig. 1	TH-F5-521-3	Clear	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,000	175-R4307
Fig. 2	TH-F5-521-3	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	175-R4307
Fig. 2	TH-F5-521-3	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	175-R4307
Fig. 2	TH-F5-521-1	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R4307
Fig. 2	TH-F5-521-1	Clear	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F5-521-1	Clear	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	175-R4307

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

- Supplied as a standard label with matching clear polyester overlaminates mounted beneath the label
- The label is printed, removed from liner and applied to surface, and then the overlaminates is removed and applied over the label protecting printed text
- Consult technical data sheet for UL/CSA ratings and complete performance and testing details

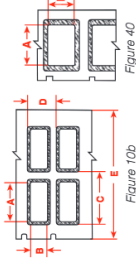


Figure 10b

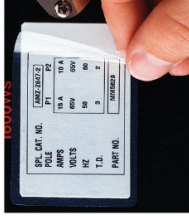


Figure 40

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 Pkg	Res. Ribbon
<b>PermaShield™ Overlaminating Polyester (B-423)</b>										
Fig. 10b	TH-F5-423-2	White	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.6)	3.350 (85.1)	2	2,000	175-R4307
Fig. 10b	TH-F5-423-2	White	2.000 (50.8)	1.000 (25.4)	-	1.250 (31.8)	2.400 (61.0)	1	2,000	175-R4307
Fig. 10b	TH-F5-423-1	White	2.750 (69.9)	1.750 (44.5)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R4307
<b>PermaShield™ Overlaminating Linerless Polyester (B-428)</b>										
Fig. 40	TH-F5-428-2	Matte LT Gray	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.6)	3.350 (85.1)	2	2,000	175-R4307
Fig. 40	TH-F5-428-2	Matte LT Gray	2.000 (50.8)	1.000 (25.4)	-	1.250 (31.8)	2.400 (61.0)	1	2,000	175-R4307
Fig. 40	TH-F5-428-1	Matte LT Gray	2.750 (69.9)	1.750 (44.5)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	175-R4307

All PermaShield parts available in 175-series in mid 2025

### 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 overlaminates needed as it's printed on the back

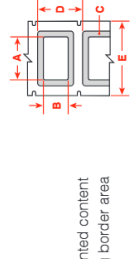


Figure 92

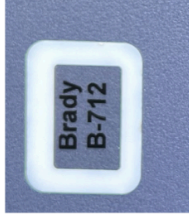


Diagram	Catalog #	Color	Label Width A inch (mm)	Label Height B inch (mm)	Adh. Border C inch (mm)	Web Width E inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon	
<b>Polyester with non-adhesive clear center window and Clear adhesive border (B-711)</b>										
Fig. 92	TH-F582-711-1	Clear	0.700 (17.8)	0.450 (11.4)	0.150 (3.8)	1.000 (25.4)	1.400 (35.6)	1	1,000	175-R4307
Fig. 92	TH-F582-711-1	Clear	1.625 (41.3)	0.625 (15.9)	0.188 (4.8)	1.250 (31.8)	2.400 (61.0)	1	1,000	175-R4307
Fig. 92	TH-F582-711-1	Clear	2.625 (66.7)	1.625 (41.3)	0.188 (4.8)	2.250 (57.2)	3.400 (86.2)	1	1,000	175-R4307
<b>Polyester with non-adhesive clear center window and White adhesive border (B-712)</b>										
Fig. 92	TH-F582-712-1	Clear	0.700 (17.8)	0.450 (11.4)	0.150 (3.8)	1.000 (25.4)	1.400 (35.6)	1	1,000	175-R4307
Fig. 92	TH-F582-712-1	Clear	1.625 (41.3)	0.625 (15.9)	0.188 (4.8)	1.250 (31.8)	2.400 (61.0)	1	1,000	175-R4307
Fig. 92	TH-F582-712-1	Clear	2.625 (66.7)	1.625 (41.3)	0.188 (4.8)	2.250 (57.2)	3.400 (86.2)	1	1,000	175-R4307

### Non-Adhesive Hang Tag (B-412, B-109)

- Non-adhesive tag stock with pre-cut fastening hole
- Ideal for identification applications where adhesive is not an option
- Excellent cold weather performance and B-109 features superior tear performance

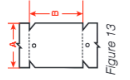


Figure 13



Diagram	Catalog #	Color	Label Width A inch (mm)	Label Height B inch (mm)	Web Width E inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
<b>Non-Adhesive Matte Polypropylene Cardstock (B-412)</b>								
Fig. 13	TH-F53-412-1	White	3.000 (76.2)	6.000 (152.4)	3.000 (76.2)	1	2 coils of 500	175-R4307
<b>Non-Adhesive Matte Polypropylene Cardstock (B-109)</b>								
Fig. 13	TH-F53-109-0	White	3.000 (76.2)	6.000 (152.4)	3.000 (76.2)	1	500	175-R4307

Hang Tags available in 175-series in mid 2025



### Aggressive Adhesive General Purpose Vinyl 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
- Not UL / CSA rated
- Consult technical data sheet for complete performance and testing details

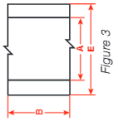


Figure 3

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 Pkg	Res. Ribbon
Fig. 3	TH-F106-439	White	2.00 (50.8)	3.00 (76.2)	3.00 (91.4m)	2.20 (55.9)	1	1 Roll Cont. 175-R4300	
Fig. 3	TH-F214-439	White	3.00 (76.2)	3.00 (76.2)	3.00 (91.4m)	3.20 (81.3)	1	1 Roll Cont. 175-R6002	
Fig. 3	TH-F107-439	White	4.00 (101.6)	3.00 (76.2)	3.00 (91.4m)	4.20 (106.7)	1	1 Roll Cont. 175-R6007	

### 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

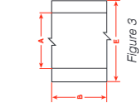


Figure 3



Dissolves in 30 seconds with no residue.

Diagram	Catalog #	B-#	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 Pkg	Res. Ribbon
Fig. 3	TH-F112-403-WT	B-403	White	1.125 (28.575)	3.00 (91.4m)	3.00 (91.4m)	1.375 (34.9)	1	1 Roll Cont. 175-R4306	
Fig. 3	TH-F225-403-WT	B-403	White	2.50 (63.5)	3.00 (91.4m)	3.00 (91.4m)	2.50 (63.5)	1	1 Roll Cont. 175-R4300	
Fig. 3	TH-F300-403-WT	B-403	White	3.00 (76.2)	3.00 (91.4m)	3.00 (91.4m)	3.25 (82.6)	1	1 Roll Cont. 175-R4300	
Fig. 3	TH-F400-403-WT	B-403	White	4.00 (101.6)	3.00 (91.4m)	3.00 (91.4m)	4.25 (107.9)	1	1 Roll Cont. 175-R4307	

### Paper Labels

- 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

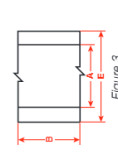


Figure 2



Figure 3

Diagram	Catalog #	B-#	Color	Label Width A inch (mm)	Label Height B inch (mm)	Horz. Repeat C inch (mm)	Vert. Repeat D inch (mm)	Web Width E inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
<b>White paper with permanent adhesive (B-424)</b>											
Fig. 2	TH-F174-424-3	B-424	White	2.00 (50.8)	1.00 (25.4)	2.00 (50.8)	1.25 (28.6)	2.20 (55.9)	1	3,000	175-R4302
Fig. 2	TH-F53-424-3	B-424	White	2.00 (50.8)	0.50 (12.7)	2.00 (50.8)	0.60 (15.2)	2.20 (55.9)	1	3,000	175-R4302
Fig. 2	TH-F166-424-2	B-424	White	2.50 (63.5)	1.25 (31.8)	2.50 (63.5)	1.375 (34.9)	2.70 (68.6)	1	2,000	175-R4300
Fig. 2	TH-F174-424-3	B-424	White	2.75 (69.9)	1.25 (31.8)	2.75 (69.9)	1.375 (34.9)	2.95 (74.9)	1	3,000	175-R4300
Fig. 2	TH-F18-424-3	B-424	White	3.00 (76.2)	1.00 (25.4)	3.00 (76.2)	1.25 (28.6)	3.20 (81.3)	1	3,000	175-R4300
Fig. 2	TH-F19-424-1	B-424	White	3.00 (76.2)	2.00 (50.8)	3.00 (76.2)	2.125 (54.0)	3.20 (81.3)	1	1,000	175-R4300
Fig. 2	TH-F20-424-1	B-424	White	3.00 (76.2)	5.00 (127.0)	3.00 (76.2)	5.125 (130.2)	3.20 (81.3)	1	1,000	175-R4300
Fig. 2	TH-F21-424-1	B-424	White	3.00 (76.2)	3.00 (76.2)	3.00 (76.2)	3.125 (79.4)	3.20 (81.3)	1	1,000	175-R4300
Fig. 2	TH-F25-424-1	B-424	White	4.00 (101.6)	3.00 (76.2)	4.00 (101.6)	4.125 (104.8)	4.20 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F55-424-1	B-424	White	4.00 (101.6)	2.00 (50.8)	4.00 (101.6)	2.125 (54.0)	4.20 (106.7)	1	1,000	175-R4307
<b>White paper with removable adhesive (B-401)</b>											
Fig. 2	TH-F17-401-3	B-401	White	2.00 (50.8)	1.00 (25.4)	2.00 (50.8)	1.25 (28.6)	2.20 (55.9)	1	3,000	175-R4302
Fig. 2	TH-F18-401-3	B-401	White	3.00 (76.2)	1.00 (25.4)	3.00 (76.2)	1.25 (28.6)	3.20 (81.3)	1	3,000	175-R4300
Fig. 2	TH-F19-401-3	B-401	White	3.00 (76.2)	2.00 (50.8)	3.00 (76.2)	2.125 (54.0)	3.20 (81.3)	1	1,000	175-R4300
Fig. 2	TH-F20-401-1	B-401	White	3.00 (76.2)	5.00 (127.0)	3.00 (76.2)	5.125 (130.2)	3.20 (81.3)	1	1,000	175-R4300
Fig. 2	TH-F21-401-1	B-401	White	4.00 (101.6)	6.00 (152.4)	4.00 (101.6)	6.125 (155.6)	4.20 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F56-401-1	B-401	White	4.00 (101.6)	2.00 (50.8)	4.00 (101.6)	2.125 (54.0)	4.20 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F178-401-1	B-401	White	4.00 (101.6)	6.50 (165.1)	4.00 (101.6)	6.625 (168.3)	4.20 (106.7)	1	1,000	175-R4307
<b>White paper with permanent adhesive (B-402)</b>											
Fig. 2	TH-F17-402-3	B-402	White	2.00 (50.8)	1.00 (25.4)	2.00 (50.8)	1.25 (28.6)	2.20 (55.9)	1	5,200	175-R4302
Fig. 2	TH-F18-402-3	B-402	White	3.00 (76.2)	1.00 (25.4)	3.00 (76.2)	1.25 (28.6)	3.20 (81.3)	1	5,200	175-R4300
Fig. 2	TH-F19-402-3	B-402	White	3.00 (76.2)	2.00 (50.8)	3.00 (76.2)	2.125 (54.0)	3.20 (81.3)	1	3,000	175-R4300
Fig. 2	TH-F20-402-1	B-402	White	3.00 (76.2)	5.00 (127.0)	3.00 (76.2)	5.125 (130.2)	3.20 (81.3)	1	1,100	175-R4300
Fig. 2	TH-F21-402-1	B-402	White	4.00 (101.6)	6.00 (152.4)	4.00 (101.6)	6.125 (155.6)	4.20 (106.7)	1	1,000	175-R4307
Fig. 2	TH-F55-402-3	B-402	White	4.00 (101.6)	2.00 (50.8)	4.00 (101.6)	2.125 (54.0)	4.20 (106.7)	1	3,000	175-R4307
Fig. 2	TH-F77-402-1	B-402	White	4.00 (101.6)	4.00 (101.6)	4.00 (101.6)	4.125 (104.8)	4.20 (106.7)	1	1,400	175-R4307
Fig. 2	TH-F78-402-0	B-402	White	4.00 (101.6)	6.50 (165.1)	4.00 (101.6)	6.625 (168.3)	4.20 (106.7)	1	900	175-R4307

### Direct Thermal Paper Labels (B-813, B-816)

- Economical choice for light-duty printing with added benefit of ribbonless printing
- Standard matte white finish
- Permanent and removable adhesive choices

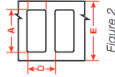


Figure 2

Diagram	Catalog #	B-#	Color	Label Width A inch (mm)	Label Height B inch (mm)	Horz. Repeat B inch (mm)	Vert. Repeat D inch (mm)	Web Width E inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
<b>White direct thermal paper (B-813)</b>											
Fig. 2	DT-F17-813-3	B-813	White	2.00 (50.8)	1.00 (25.4)	2.00 (50.8)	1.25 (28.6)	2.20 (55.9)	1	3,000	no ribbon req'd
Fig. 2	DT-F18-813-1	B-813	White	2.00 (50.8)	2.00 (50.8)	2.00 (50.8)	2.125 (54.0)	2.20 (55.9)	1	1,000	no ribbon req'd
Fig. 2	DT-F19-813-1	B-813	White	3.00 (76.2)	1.00 (25.4)	3.00 (76.2)	1.25 (28.6)	3.20 (81.3)	1	3,000	no ribbon req'd
Fig. 2	DT-F20-813-1	B-813	White	3.00 (76.2)	2.00 (50.8)	3.00 (76.2)	2.125 (54.0)	3.20 (81.3)	1	1,000	no ribbon req'd
Fig. 2	DT-F276-813-3	B-813	White	4.00 (101.6)	1.00 (25.4)	4.00 (101.6)	1.25 (28.6)	4.20 (106.7)	1	3,000	no ribbon req'd
Fig. 2	DT-F55-813-1	B-813	White	4.00 (101.6)	2.00 (50.8)	4.00 (101.6)	2.125 (54.0)	4.20 (106.7)	1	1,000	no ribbon req'd
Fig. 2	DT-F76-813-1	B-813	White	4.00 (101.6)	3.00 (76.2)	4.00 (101.6)	3.125 (79.4)	4.20 (106.7)	1	1,000	no ribbon req'd
Fig. 2	DT-F81-813-1	B-813	White	4.00 (101.6)	4.00 (101.6)	4.00 (101.6)	4.125 (104.8)	4.20 (106.7)	1	1,000	no ribbon req'd
<b>White direct thermal paper with removable adhesive (B-816)</b>											
Fig. 2	DT-F17-816-3	B-816	White	2.00 (50.8)	1.00 (25.4)	2.00 (50.8)	1.25 (28.6)	2.20 (55.9)	1	3,000	no ribbon req'd
Fig. 2	DT-F18-816-1	B-816	White	2.00 (50.8)	2.00 (50.8)	2.00 (50.8)	2.125 (54.0)	2.20 (55.9)	1	1,000	no ribbon req'd
Fig. 2	DT-F19-816-1	B-816	White	3.00 (76.2)	1.00 (25.4)	3.00 (76.2)	1.25 (28.6)	3.20 (81.3)	1	3,000	no ribbon req'd
Fig. 2	DT-F20-816-1	B-816	White	3.00 (76.2)	2.00 (50.8)	3.00 (76.2)	2.125 (54.0)	3.20 (81.3)	1	1,000	no ribbon req'd
Fig. 2	DT-F276-816-3	B-816	White	4.00 (101.6)	1.00 (25.4)	4.00 (101.6)	1.25 (28.6)	4.20 (106.7)	1	3,000	no ribbon req'd
Fig. 2	DT-F55-816-1	B-816	White	4.00 (101.6)	2.00 (50.8)	4.00 (101.6)	2.125 (54.0)	4.20 (106.7)	1	1,000	no ribbon req'd
Fig. 2	DT-F76-816-1	B-816	White	4.00 (101.6)	3.00 (76.2)	4.00 (101.6)	3.125 (79.4)	4.20 (106.7)	1	1,000	no ribbon req'd
Fig. 2	DT-F81-816-1	B-816	White	4.00 (101.6)	4.00 (101.6)	4.00 (101.6)	4.125 (104.8)	4.20 (106.7)	1	1,000	no ribbon req'd







### 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

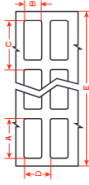


Figure 1



Figure 2



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

- For pre-process circuit board identification
- Does not require reflow or 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

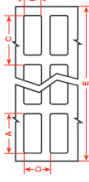


Figure 1

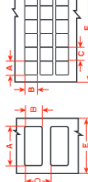


Figure 2



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 Foot	Labels Per Pkg	Rec. Ribbon
Fig. 4	THF-11724-10	Amber	0.250 (6.4)	0.375 (9.5)	0.475 (12.1)	0.375 (9.5)	3.200 (81.3)	12	10,000	75-R4300
Fig. 1	THF-1387-24-10	Amber	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	75-R4300
Fig. 1	THF-12724-10	Amber	0.500 (12.7)	0.437 (11.1)	0.682 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	75-R4300
Fig. 1	THF-14724-10	Amber	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	75-R4300
Fig. 2	THF-14724-10	Amber	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	75-R4306
Fig. 1	THF-15724-10	Amber	0.750 (19.1)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	75-R4300
Fig. 1	THF-15724-10	Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	75-R4300
Fig. 1	THF-1467-24-10	Amber	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.850 (21.6)	1	10,000	75-R4306
Fig. 1	THF-1567-24-10	Amber	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	75-R4300
Fig. 2	THF-1467-24-10	Amber	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	75-R4306
Fig. 2	THF-1037-24-10	Amber	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	75-R4306
Fig. 1	THF-13724-10	Amber	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	75-R4300
Fig. 1	THF-14724-10	Amber	1.000 (25.4)	0.187 (4.8)	1.075 (27.3)	0.287 (7.3)	3.350 (85.1)	3	10,000	75-R4300
Fig. 1	THF-1517-24-10	Amber	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.375 (9.5)	3.350 (85.1)	3	10,000	75-R4300
Fig. 1	THF-15724-10	Amber	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R4300
Fig. 1	THF-13724-10	Amber	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	75-R4300
Fig. 1	THF-287-24-10	Amber	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	10,000	75-R4300
Fig. 2	THF-1437-24-10	Amber	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	75-R4306
Fig. 2	THF-1447-24-10	Amber	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	75-R4306
Fig. 1	THF-287-24-10	Amber	1.500 (38.1)	0.125 (3.2)	1.650 (41.9)	0.250 (6.4)	3.350 (85.1)	2	10,000	75-R4300
Fig. 1	THF-1437-24-10	Amber	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	75-R4300
Fig. 2	THF-1467-24-10	Amber	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	75-R4306
Fig. 2	THF-15724-2.5	Amber	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	75-R4302
Fig. 2	THF-1467-24-10	Amber	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	75-R4306
Fig. 2	THF-15724-3	Amber	2.750 (69.9)	1.250 (31.8)	-	1.275 (34.9)	2.950 (74.9)	1	3,000	75-R4300
Fig. 2	THF-16724-2.5	Amber	3.000 (76.2)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	1	2,500	75-R4300

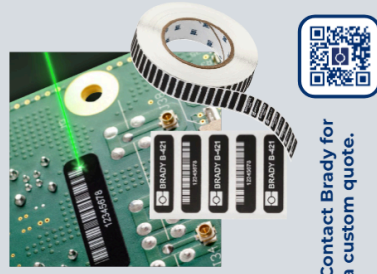
### Factory Made Custom Laser Engravable Traceability Labels

- B-730: Black matte laser markable polyimide (PI)**
- B-731: Black matte electrostatic dissipative (ESD) laser markable (PI)**
- B-421: Black matte laser markable polyester (PET)**

Laser marking or engraving is a complimentary process to thermal heat transfer. While laser engraving is slower than THT, it is second to none in print permanence. The printing process of these labels also creates a very high resolution print. So precise that it can reach up to 1200 dpi, making it ideal for the small font applications that are often required in electrical component boards.

#### Other features include:

- Repeated harsh aqueous cleaning resistance
- High temperature, wave soldering resistance up to 572° F (300° C)
- Custom sizes engineered-to-order and ready to ship in under 3 weeks
- Compatibility with most IR laser marking systems
- Optional ESD prevention layers
- Reduced rework issues related to direct laser marking board materials



Contact Brady for a custom quote.





## 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)

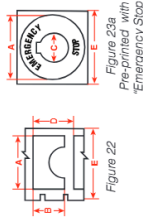
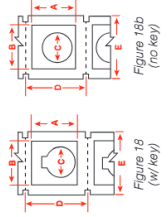


Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Dia. C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
<b>Labels with fully molated button</b>										
Fig. 18	THIEP-167-593-5	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R6000
Fig. 18	THIEP-167-593-25	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R6000
Fig. 18	THIEP-168-593-5	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R6000
Fig. 18	THIEP-168-593-25	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R6000
Fig. 18	THIEP-169-593-5	White	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	500	75-R6000
Fig. 18	THIEP-169-593-25	White	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	250	75-R6000
Fig. 18	THIEP-170-593-5	White	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	75-R6002
Fig. 18	THIEP-170-593-25	White	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	75-R6002
Fig. 18	THIEP-167-593-5YL	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R6006
Fig. 18	THIEP-167-593-25YL	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R6006
Fig. 18	THIEP-168-593-5YL	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R6006
Fig. 18	THIEP-168-593-25YL	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R6006
Fig. 18	THIEP-169-593-5YL	Yellow	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	500	75-R6000
Fig. 18	THIEP-169-593-25YL	Yellow	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	250	75-R6000
Fig. 18	THIEP-170-593-5YL	Yellow	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	75-R6002
Fig. 18	THIEP-170-593-25YL	Yellow	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	75-R6002
Fig. 18	THIEP-167-593-5BK	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-167-593-25BK	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-168-593-5BK	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-168-593-25BK	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-169-593-5BK	Black	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-169-593-25BK	Black	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-170-593-5BK	Black	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	75-R4400-WT
Fig. 18	THIEP-170-593-25BK	Black	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	75-R4400-WT
Fig. 18	THIEP-167-593-5GN	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-167-593-25GN	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-168-593-5GN	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-168-593-25GN	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-169-593-5GN	Green	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-169-593-25GN	Green	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-170-593-5GN	Green	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	75-R4400-WT
Fig. 18	THIEP-170-593-25GN	Green	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	75-R4400-WT
Fig. 18	THIEP-167-593-5RD	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-167-593-25RD	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-168-593-5RD	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-168-593-25RD	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-169-593-5RD	Red	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	500	75-R4400-WT
Fig. 18	THIEP-169-593-25RD	Red	1.200 (30.5)	1.500 (38.1)	1.201 (30.5)	2.000 (50.8)	1.400 (35.5)	1	250	75-R4400-WT
Fig. 18	THIEP-170-593-5RD	Red	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	75-R4400-WT
Fig. 18	THIEP-170-593-25RD	Red	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	75-R4400-WT

## Overlaminated Label Sized for Raised Profile Labels (B-966B)

- A non-printable overlaminated that when applied over a printed label
- Provides extra abrasion and chemical resistance

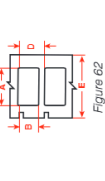
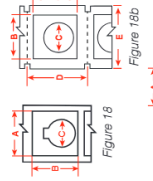


Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
Fig. 62	THIOL-171-966B-1	Clear	1.000 (25.4)	0.490 (12.5)	0.625 (15.9)	1	1,000	N/A non-printable
Fig. 18	THIOL-171-966B-1	Clear	1.200 (30.5)	1.500 (38.1)	1.625 (41.3)	1	1,000	N/A non-printable
Fig. 18	THIOL-171-966B-1	Clear	1.200 (30.5)	1.500 (38.1)	1.625 (41.3)	1	500	N/A non-printable
Fig. 62	THIOL-172-966B-1	Clear	1.770 (45.0)	0.500 (12.7)	0.725 (18.4)	1	1,000	N/A non-printable
Fig. 18	THIOL-172-966B-1	Clear	1.800 (45.7)	1.800 (45.7)	2.000 (50.8)	1	1,000	N/A non-printable
Fig. 62	THIOL-173-966B-1	Clear	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	1	1,000	N/A non-printable
Fig. 18	THIOL-173-966B-1	Clear	2.400 (61.0)	2.400 (61.0)	2.625 (66.7)	1	1,000	N/A non-printable
Fig. 62	THIOL-175-966B-1	Clear	3.000 (76.2)	0.750 (19.1)	1.000 (25.4)	1	1,000	N/A non-printable
Fig. 18	THIOL-175-966B-1	Clear	3.000 (76.2)	3.000 (76.2)	3.300 (84.5)	1	1,000	N/A non-printable
Fig. 62	THIOL-176-966B-1	Clear	3.000 (76.2)	2.500 (63.5)	1.125 (28.6)	1	1,000	N/A non-printable
Fig. 62	THIOL-176-966B-1	Clear	3.000 (76.2)	3.500 (88.9)	3.625 (92.1)	1	1,000	N/A non-printable
Fig. 62	THIOL-174-966B-1	Clear	4.000 (101.6)	1.000 (25.4)	1.125 (28.6)	1	1,000	N/A non-printable



### Panel Rating Plate Labels

- 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

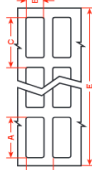


Figure 1



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 Pkg	Rec. Ribbon
<b>Metallized matrix polyester (B-4383)</b>										
Fig. 1	TH-F5-486-10	Matte Lt. Gray	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.500 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	2.800 (71.1)	1	3,000	75-R4002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	3.000 (76.2)	1	3,000	75-R4002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	3.000 (76.2)	1	3,000	75-R4002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-486-10	Matte Lt. Gray	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	4.000 (101.6)	1	1,000	75-R4002
Fig. 2	TH-F5-486-10	Matte Lt. Gray	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	1,000	75-R4002
<b>Multi-process matrix black polyester (B-4317)</b>										
Fig. 1	TH-F5-434-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.500 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F5-434-10	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-434-10	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-434-10	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-434-10	Silver	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-434-10	Silver	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-434-10	Silver	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	2.800 (71.1)	1	3,000	75-R4002
Fig. 2	TH-F5-434-10	Silver	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-434-10	Silver	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	3.000 (76.2)	1	3,000	75-R4002
Fig. 2	TH-F5-434-10	Silver	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-434-10	Silver	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	4.000 (101.6)	1	1,000	75-R4002
Fig. 2	TH-F5-434-10	Silver	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	1,000	75-R4002
<b>Flexible polyester with aggressive adhesive for metallic and anodized surfaces (B-4344)</b>										
Fig. 1	TH-F5-484-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.500 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F5-484-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-484-10	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-484-10	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-484-10	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	3.500 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F5-484-10	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-484-10	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	2.800 (71.1)	1	3,000	75-R4002
Fig. 2	TH-F5-484-10	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-484-10	White	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	3.000 (76.2)	1	3,000	75-R4002
Fig. 2	TH-F5-484-10	White	3.000 (76.2)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	3,000	75-R4002
Fig. 1	TH-F5-484-10	White	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	4.000 (101.6)	1	1,000	75-R4002
Fig. 2	TH-F5-484-10	White	4.000 (101.6)	1.000 (25.4)	1.250 (28.6)	0.600 (15.2)	1.200 (30.5)	1	1,000	75-R4002

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 Pkg	Rec. Ribbon
Fig. 1	TH-F5-8591-10-SL	Silver	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.200 (81.3)	12	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Silver	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	1.200 (30.5)	3	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	2	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Silver	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Silver	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	3,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Silver	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Silver	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	1,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Silver	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	4.200 (106.7)	1	100	75-R6002
Fig. 2	TH-F5-8591-10-SL	Silver	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	100	75-R6002
Fig. 1	TH-F5-8591-10-SL	White	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.200 (81.3)	12	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	White	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	1.200 (30.5)	3	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	2	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	White	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	3,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	White	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	White	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	1,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	White	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	4.200 (106.7)	1	100	75-R6002
Fig. 2	TH-F5-8591-10-SL	White	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	100	75-R6002
Fig. 1	TH-F5-8591-10-SL	Yellow	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.200 (81.3)	12	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Yellow	0.250 (6.35)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	1.200 (30.5)	3	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Yellow	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	2	10,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Yellow	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	10,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Yellow	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Yellow	2.000 (50.8)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	3,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Yellow	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	3.200 (81.3)	1	1,000	75-R6002
Fig. 2	TH-F5-8591-10-SL	Yellow	3.000 (76.2)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	1,000	75-R6002
Fig. 1	TH-F5-8591-10-SL	Yellow	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	4.200 (106.7)	1	100	75-R6002
Fig. 2	TH-F5-8591-10-SL	Yellow	4.000 (101.6)	1.000 (25.4)	1.650 (41.9)	0.625 (15.9)	1.200 (30.5)	1	100	75-R6002

### UL-Rated Arc Flash Sign Header Labels (B-483A pre-printed headers)

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

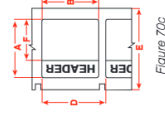


Figure 70c



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 Pkg	Rec. Ribbon
Fig. 70c	TH-TEL-16-483-1-AV	Orange on White	3.000 (76.2)	3.000 (76.2)	-	4.125 (104.8)	3.200 (81.3)	1	2 rolls of 500	75-R6002
Fig. 70c	TH-TEL-16-483-1-AV	Orange on White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	2 rolls of 500	75-R6002

### Inside-Panel Component Labels (B-499, B-483A, 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

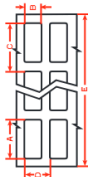


Figure 1



Figure 2



Figure 3

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 Pig	Rec. Ribbon
<i>Hydro-slim with permanent adhesive for angled, curved and rough surfaces (B-499)</i>										
Fig. 5a	TH-F-43-489-3	White	0.375 (9.5) dia.	-	0.475 (12.1)	0.500 (12.7)	2.000 (50.8)	4	3,000	75-R4302
Fig. 5a	TH-F-144-489-3	White	0.500 (12.7) dia.	-	0.600 (15.2)	0.625 (15.9)	1.900 (48.3)	3	3,000	75-R4302
Fig. 1	TH-F68-499-10	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	75-R4302
Fig. 1	TH-F69-499-3	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.540 (39.1)	1.900 (48.3)	2	3,000	75-R4302
Fig. 2	TH-F-125-489-3	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	3,000	75-R4306
Fig. 1	TH-F-152-489-3	White	1.000 (25.4)	0.375 (9.5)	1.100 (27.9)	0.475 (12.1)	2.300 (58.4)	2	3,000	75-R4306
Fig. 2	TH-F-195-489-3	White	1.500 (38.1)	0.750 (19.1)	-	0.975 (24.7)	1.700 (43.2)	1	3,000	75-R4306
Fig. 2	TH-F-195-489-3	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	75-R4302
Fig. 2	TH-F-197-489-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	TH-F-151-489-3	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	TH-F-194-694-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R4300
<i>Ultra polyurethane with permanent adhesive for high-temperature surfaces (B-483A)</i>										
Fig. 1	TH-F6-483-10	White	1.000 (25.4)	0.300 (7.6)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6002
Fig. 2	TH-F68-483-10	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	75-R6006
Fig. 1	TH-F67-483-10	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	75-R6002
Fig. 2	TH-F-171-483-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R6000
Fig. 2	TH-F-194-483-3	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	75-R6002
Fig. 2	TH-F-194-483-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R6002
Fig. 2	TH-F-194-483-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R6002
Fig. 62	TH-TEP-171-593-5	White	1.060 (27.0)	0.490 (12.5)	-	0.625 (15.9)	1.260 (32.0)	1	500	75-R6006
Fig. 62	TH-TEP-171-593-25	White	1.060 (27.0)	0.490 (12.5)	-	0.625 (15.9)	1.260 (32.0)	1	250	75-R6006
Fig. 62	TH-TEP-172-593-5	White	1.770 (45.0)	0.590 (15.0)	-	0.725 (18.5)	1.970 (50.0)	1	500	75-R6000
Fig. 62	TH-TEP-172-593-25	White	1.770 (45.0)	0.590 (15.0)	-	0.725 (18.5)	1.970 (50.0)	1	250	75-R6000
Fig. 62	TH-TEP-173-593-5	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	500	75-R6000
Fig. 62	TH-TEP-173-593-25	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	250	75-R6000

### Adhesive Strips for Terminal Blocks and Patch Panels Labels (B-498)

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

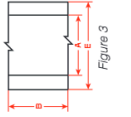


Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pig	Rec. Ribbon
Fig. 3	TH-F58-498-2	White	0.240 (6.1)	0.65 ft. (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6205
Fig. 3	TH-F58-498-2	White	0.312 (7.9)	0.65 ft. (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6205
Fig. 3	TH-F58-498-2	White	0.375 (9.5)	0.65 ft. (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6205

### Faceplate/Outlet Strip labels (B-412)

- Thick non-adhesive polypropylene strip, perforated

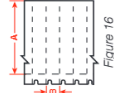


Diagram	Catalog #	Finish	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pig	Rec. Ribbon
Fig. 16	TH-F-150-412-1	Matte	White	1.833 (46.2)	0.375 (9.5)	-	1	1,000	75-R4302

## 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

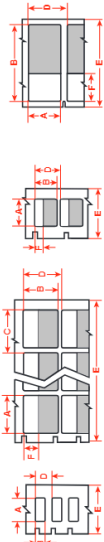


Figure 9

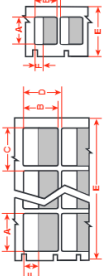


Figure 14

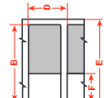


Figure 15

Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Length B Inch (mm)	Print Area Height F Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Widths E Inch (mm)	Labels Per Pig	Labels Per Flow	Rec. Ribbon Per Pig
<b>Self-Laminating Vinyl (B-427)</b>											
Fig. 12	TH-F64-47-5	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	5,000	75-R4300
Fig. 12	TH-F64-47-10	White/Clear	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	0.600 (15.2)	1.250 (31.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-15	White/Clear	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	0.600 (15.2)	1.500 (38.1)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-20	White/Clear	0.500 (12.7)	1.500 (38.1)	0.375 (9.5)	0.600 (15.2)	1.750 (44.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-25	White/Clear	0.500 (12.7)	1.750 (44.5)	0.375 (9.5)	0.600 (15.2)	2.000 (50.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-30	White/Clear	0.500 (12.7)	2.000 (50.8)	0.375 (9.5)	0.600 (15.2)	2.250 (57.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-35	White/Clear	0.500 (12.7)	2.250 (57.2)	0.375 (9.5)	0.600 (15.2)	2.500 (63.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-40	White/Clear	0.500 (12.7)	2.500 (63.5)	0.375 (9.5)	0.600 (15.2)	2.750 (69.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-45	White/Clear	0.500 (12.7)	2.750 (69.9)	0.375 (9.5)	0.600 (15.2)	3.000 (76.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-50	White/Clear	0.500 (12.7)	3.000 (76.2)	0.375 (9.5)	0.600 (15.2)	3.250 (82.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-55	White/Clear	0.500 (12.7)	3.250 (82.6)	0.375 (9.5)	0.600 (15.2)	3.500 (88.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-60	White/Clear	0.500 (12.7)	3.500 (88.9)	0.375 (9.5)	0.600 (15.2)	3.750 (95.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-65	White/Clear	0.500 (12.7)	3.750 (95.3)	0.375 (9.5)	0.600 (15.2)	4.000 (101.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-70	White/Clear	0.500 (12.7)	4.000 (101.6)	0.375 (9.5)	0.600 (15.2)	4.250 (107.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-75	White/Clear	0.500 (12.7)	4.250 (107.9)	0.375 (9.5)	0.600 (15.2)	4.500 (114.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-80	White/Clear	0.500 (12.7)	4.500 (114.3)	0.375 (9.5)	0.600 (15.2)	4.750 (120.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-85	White/Clear	0.500 (12.7)	4.750 (120.6)	0.375 (9.5)	0.600 (15.2)	5.000 (127.0)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-90	White/Clear	0.500 (12.7)	5.000 (127.0)	0.375 (9.5)	0.600 (15.2)	5.250 (133.4)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-95	White/Clear	0.500 (12.7)	5.250 (133.4)	0.375 (9.5)	0.600 (15.2)	5.500 (139.7)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-100	White/Clear	0.500 (12.7)	5.500 (139.7)	0.375 (9.5)	0.600 (15.2)	5.750 (146.1)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-105	White/Clear	0.500 (12.7)	5.750 (146.1)	0.375 (9.5)	0.600 (15.2)	6.000 (152.4)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-110	White/Clear	0.500 (12.7)	6.000 (152.4)	0.375 (9.5)	0.600 (15.2)	6.250 (158.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-115	White/Clear	0.500 (12.7)	6.250 (158.8)	0.375 (9.5)	0.600 (15.2)	6.500 (165.1)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-120	White/Clear	0.500 (12.7)	6.500 (165.1)	0.375 (9.5)	0.600 (15.2)	6.750 (171.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-125	White/Clear	0.500 (12.7)	6.750 (171.5)	0.375 (9.5)	0.600 (15.2)	7.000 (177.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-130	White/Clear	0.500 (12.7)	7.000 (177.8)	0.375 (9.5)	0.600 (15.2)	7.250 (184.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-135	White/Clear	0.500 (12.7)	7.250 (184.2)	0.375 (9.5)	0.600 (15.2)	7.500 (190.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-140	White/Clear	0.500 (12.7)	7.500 (190.5)	0.375 (9.5)	0.600 (15.2)	7.750 (196.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-145	White/Clear	0.500 (12.7)	7.750 (196.9)	0.375 (9.5)	0.600 (15.2)	8.000 (203.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-150	White/Clear	0.500 (12.7)	8.000 (203.2)	0.375 (9.5)	0.600 (15.2)	8.250 (209.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-155	White/Clear	0.500 (12.7)	8.250 (209.6)	0.375 (9.5)	0.600 (15.2)	8.500 (215.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-160	White/Clear	0.500 (12.7)	8.500 (215.9)	0.375 (9.5)	0.600 (15.2)	8.750 (222.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-165	White/Clear	0.500 (12.7)	8.750 (222.3)	0.375 (9.5)	0.600 (15.2)	9.000 (228.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-170	White/Clear	0.500 (12.7)	9.000 (228.6)	0.375 (9.5)	0.600 (15.2)	9.250 (235.0)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-175	White/Clear	0.500 (12.7)	9.250 (235.0)	0.375 (9.5)	0.600 (15.2)	9.500 (241.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-180	White/Clear	0.500 (12.7)	9.500 (241.3)	0.375 (9.5)	0.600 (15.2)	9.750 (247.7)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-185	White/Clear	0.500 (12.7)	9.750 (247.7)	0.375 (9.5)	0.600 (15.2)	10.000 (254.0)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-190	White/Clear	0.500 (12.7)	10.000 (254.0)	0.375 (9.5)	0.600 (15.2)	10.250 (260.4)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-195	White/Clear	0.500 (12.7)	10.250 (260.4)	0.375 (9.5)	0.600 (15.2)	10.500 (266.7)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-200	White/Clear	0.500 (12.7)	10.500 (266.7)	0.375 (9.5)	0.600 (15.2)	10.750 (273.1)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-205	White/Clear	0.500 (12.7)	10.750 (273.1)	0.375 (9.5)	0.600 (15.2)	11.000 (279.4)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-210	White/Clear	0.500 (12.7)	11.000 (279.4)	0.375 (9.5)	0.600 (15.2)	11.250 (285.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-215	White/Clear	0.500 (12.7)	11.250 (285.8)	0.375 (9.5)	0.600 (15.2)	11.500 (292.1)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-220	White/Clear	0.500 (12.7)	11.500 (292.1)	0.375 (9.5)	0.600 (15.2)	11.750 (298.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-225	White/Clear	0.500 (12.7)	11.750 (298.5)	0.375 (9.5)	0.600 (15.2)	12.000 (304.8)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-230	White/Clear	0.500 (12.7)	12.000 (304.8)	0.375 (9.5)	0.600 (15.2)	12.250 (311.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-235	White/Clear	0.500 (12.7)	12.250 (311.2)	0.375 (9.5)	0.600 (15.2)	12.500 (317.5)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-240	White/Clear	0.500 (12.7)	12.500 (317.5)	0.375 (9.5)	0.600 (15.2)	12.750 (323.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-245	White/Clear	0.500 (12.7)	12.750 (323.9)	0.375 (9.5)	0.600 (15.2)	13.000 (330.2)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-250	White/Clear	0.500 (12.7)	13.000 (330.2)	0.375 (9.5)	0.600 (15.2)	13.250 (336.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-255	White/Clear	0.500 (12.7)	13.250 (336.6)	0.375 (9.5)	0.600 (15.2)	13.500 (342.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-260	White/Clear	0.500 (12.7)	13.500 (342.9)	0.375 (9.5)	0.600 (15.2)	13.750 (349.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-265	White/Clear	0.500 (12.7)	13.750 (349.3)	0.375 (9.5)	0.600 (15.2)	14.000 (355.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-270	White/Clear	0.500 (12.7)	14.000 (355.6)	0.375 (9.5)	0.600 (15.2)	14.250 (362.0)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-275	White/Clear	0.500 (12.7)	14.250 (362.0)	0.375 (9.5)	0.600 (15.2)	14.500 (368.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-280	White/Clear	0.500 (12.7)	14.500 (368.3)	0.375 (9.5)	0.600 (15.2)	14.750 (374.7)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-285	White/Clear	0.500 (12.7)	14.750 (374.7)	0.375 (9.5)	0.600 (15.2)	15.000 (381.0)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-290	White/Clear	0.500 (12.7)	15.000 (381.0)	0.375 (9.5)	0.600 (15.2)	15.250 (387.4)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-295	White/Clear	0.500 (12.7)	15.250 (387.4)	0.375 (9.5)	0.600 (15.2)	15.500 (393.7)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-300	White/Clear	0.500 (12.7)	15.500 (393.7)	0.375 (9.5)	0.600 (15.2)	15.750 (399.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-305	White/Clear	0.500 (12.7)	15.750 (399.9)	0.375 (9.5)	0.600 (15.2)	16.000 (406.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-310	White/Clear	0.500 (12.7)	16.000 (406.3)	0.375 (9.5)	0.600 (15.2)	16.250 (412.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-315	White/Clear	0.500 (12.7)	16.250 (412.6)	0.375 (9.5)	0.600 (15.2)	16.500 (418.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-320	White/Clear	0.500 (12.7)	16.500 (418.9)	0.375 (9.5)	0.600 (15.2)	16.750 (425.3)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-325	White/Clear	0.500 (12.7)	16.750 (425.3)	0.375 (9.5)	0.600 (15.2)	17.000 (431.6)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-330	White/Clear	0.500 (12.7)	17.000 (431.6)	0.375 (9.5)	0.600 (15.2)	17.250 (437.9)	2.500 (63.5)	4	5,000	75-R4300
Fig. 12	TH-F64-47-335	White/Clear	0.500 (12.7)	17.250 (437.9)	0.3						

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

- Allows rotation of an overlaminated 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 overlaminated text and spins freely on the cable
- Use B dimension when considering label length for 'cable diameter fit'

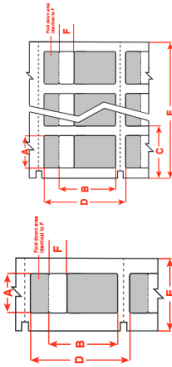
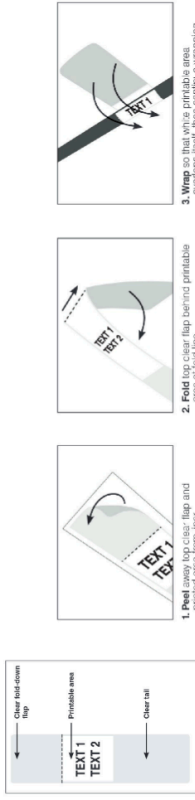


Figure 87b

Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Length B Inch (mm)	Print Area Height F Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon Per Pkg
Fig. 87b	TH-FRC-292-427-3	White/Clear	0.500 (12.7)	1.750 (44.5)	0.700 (17.8)	0.700 (17.8)	2.275 (58.4)	2.100 (53.3)	3	5,000	75-R4302
Fig. 87b	TH-FRC-293-427-3	White/Clear	0.500 (12.7)	2.750 (69.9)	1.100 (27.9)	0.700 (17.8)	4.063 (103.2)	2.100 (53.3)	4	3,200	75-R4302
Fig. 87b	TH-FRC-294-427-2.5	White/Clear	1.000 (25.4)	1.750 (44.5)	0.700 (17.8)	1.250 (31.8)	2.275 (58.4)	2.450 (62.2)	2	2,500	75-R4300
Fig. 87b	TH-FRC-295-427-1.5	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	1,500	75-R4300
Fig. 87b	TH-FRC-296-427-1.5	White/Clear	1.000 (25.4)	3.125 (79.4)	1.250 (31.8)	1.250 (31.8)	4.563 (115.9)	2.450 (62.2)	2	1,500	75-R4300
Fig. 87b	TH-FRC-297-427-3.5	White/Clear	1.000 (25.4)	1.200 (30.5)	0.500 (12.7)	1.250 (31.8)	1.825 (46.4)	2.450 (62.2)	2	3,500	75-R4300
Fig. 87b	TH-FRC-298-427	White/Clear	1.000 (25.4)	6.000 (152.4)	2.600 (66.0)	1.250 (31.8)	9.250 (234.9)	2.450 (62.2)	2	700	75-R4300
Fig. 87b	TH-FRC-299-427	White/Clear	2.000 (50.8)	3.125 (79.4)	1.250 (31.8)	-	4.563 (115.9)	2.200 (55.9)	1	700	75-R4302
Fig. 87b	TH-FRC-300-427	White/Clear	2.000 (50.8)	6.000 (152.4)	2.600 (66.0)	-	9.250 (234.9)	2.200 (55.9)	1	350	75-R4302

## Rotating Self-Laminating Wrap Application:



## 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/aisle

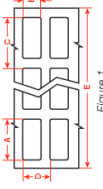


Figure 91

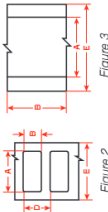


Figure 92

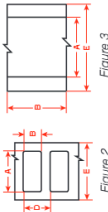


Figure 93

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 Pkg	Rec. Ribbon Per Pkg
<b>Repositionable vinyl cloth wire wraps (B-498)</b>										
Fig. 2	TH-F293-498-3	White	0.188 (4.78)	3.000 (76.2)	-	0.288 (7.3)	1.200 (30.5)	1	3,000	75-R6208
Fig. 3	TH-F294-498-2	White	0.240 (6.1)	1.651 (41.8)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6208
Fig. 93	TH-F293-498-5	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	5,000	75-R6200
Fig. 3	TH-F294-498-2	White	0.312 (7.9)	1.651 (41.8)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6208
Fig. 3	TH-F292-498-2	White	0.375 (9.5)	1.651 (41.8)	-	-	1.000 (25.4)	1	1 Roll Cont.	75-R6208
Fig. 1	TH-F293-498-2	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.650 (16.5)	2.500 (63.5)	4	10,000	75-R6202
Fig. 1	TH-F294-498-5	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	5,000	75-R6202
Fig. 1	TH-F4-498-10	White	0.650 (16.5)	0.220 (5.6)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	75-R6202
Fig. 2	TH-F292-498-3	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	1.000 (25.4)	1	3,000	75-R6206
Fig. 2	TH-F1-498-10	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	1.000 (25.4)	1	3,000	75-R6207
Fig. 2	TH-F294-498-3	White	0.750 (19.1)	0.750 (19.1)	0.875 (22.2)	1.092 (27.6)	3.500 (89.0)	4	3,000	75-R6206
Fig. 1	TH-F191-498-5	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	5,000	75-R6207
Fig. 1	TH-F195-498-5	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	75-R6207
Fig. 1	TH-F195-498-10	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R6207
Fig. 2	TH-F59-498-10	White	1.000 (25.4)	0.500 (12.7)	1.100 (27.9)	0.675 (17.2)	2.300 (58.4)	2	5,000	75-R6206
Fig. 1	TH-F59-498-5	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.675 (17.2)	2.300 (58.4)	2	5,000	75-R6207
Fig. 1	TH-F59-498-5	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	3,000	75-R6206
Fig. 2	TH-F197-498-3	White	1.850 (46.7)	0.250 (6.4)	-	0.350 (8.9)	1.850 (46.7)	1	3,000	75-R6206
Fig. 2	TH-F17-498-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.220 (56.9)	1	3,000	75-R6200
<b>Permanent adhesive vinyl cloth wire wraps (B-499)</b>										
Fig. 1	TH-F39-499-10	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.650 (16.5)	2.500 (63.5)	4	10,000	75-R4300
Fig. 1	TH-F192-499-10	White	0.600 (15.2)	1.457 (36.8)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	4	10,000	75-R4307
Fig. 1	TH-F195-499-5	White	0.600 (15.2)	1.457 (36.8)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	4	5,000	75-R4307
Fig. 1	TH-F195-499-3	White	0.600 (15.2)	1.457 (36.8)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	4	5,000	75-R4302
Fig. 2	TH-F192-499-3	White	0.500 (12.7)	0.300 (7.6)	-	0.600 (15.2)	1.100 (27.9)	1	3,000	75-R4302
Fig. 2	TH-F192-499-3	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.675 (17.2)	2.300 (58.4)	2	3,000	75-R4302
Fig. 2	TH-F193-499-3	White	1.500 (38.1)	0.750 (19.1)	-	0.750 (19.1)	1.700 (43.2)	1	3,000	75-R4302
Fig. 2	TH-F195-499-3	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	75-R4302
Fig. 2	TH-F195-499-3	White	1.750 (44.5)	1.875 (47.6)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	TH-F197-499-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	TH-F191-499-3	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	TH-F19-499-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.300 (81.3)	1	1,000	75-R4300



## 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

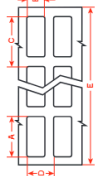


Figure 1

Diagram	Catalog #	Color	Label Width A inch (mm)	Label Width B inch (mm)	Label Height B inch (mm)	Label Height A inch (mm)	Web Width E inch (mm)	Horiz. Repeat C inch (mm)	Horiz. Repeat B inch (mm)	Horiz. Repeat A inch (mm)	Vert. Repeat D inch (mm)	Labels Per Row	Labels Per Pig	Res. Ribbon
Fig. 1	TH11-44-437-10	White	0.650 (16.5)	0.200 (5.1)	0.200 (5.1)	0.700 (17.8)	2.940 (74.9)	0.300 (7.6)	0.300 (7.6)	0.300 (7.6)	10.000	10,000	10,000	75-R4307
Fig. 1	TH12-437-10	White	0.750 (19.1)	0.250 (6.4)	0.250 (6.4)	0.800 (20.3)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 1	TH15-437-10	White	0.900 (22.9)	0.250 (6.4)	0.250 (6.4)	1.125 (28.6)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 1	TH15-437-10	White	1.000 (25.4)	0.300 (7.6)	0.300 (7.6)	1.075 (27.3)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 1	TH15-437-10	White	1.250 (31.6)	0.375 (9.5)	0.375 (9.5)	1.300 (33.0)	4.475 (112.1)	0.475 (12.1)	0.475 (12.1)	0.475 (12.1)	2,750 (69.9)	2,750	2,750	75-R4307
Fig. 3	TH11-437	White	1.500 (38.1)	3.000 (76.2)	3.000 (76.2)	1.750 (44.5)	1.750 (44.5)	-	-	-	1 Roll Cont.	1	1 Roll Cont.	75-R4307
Fig. 1	TH15-437-10-YL	Yellow	1.000 (25.4)	0.300 (7.6)	0.300 (7.6)	1.075 (27.3)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 1	TH15-437-10-YL	Yellow	1.250 (31.6)	0.375 (9.5)	0.375 (9.5)	1.300 (33.0)	4.475 (112.1)	0.475 (12.1)	0.475 (12.1)	0.475 (12.1)	2,750 (69.9)	2,750	2,750	75-R4307
Fig. 3	TH11-437-YL	Yellow	1.500 (38.1)	3.000 (76.2)	3.000 (76.2)	1.750 (44.5)	1.750 (44.5)	-	-	-	1 Roll Cont.	1	1 Roll Cont.	75-R4307

## 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

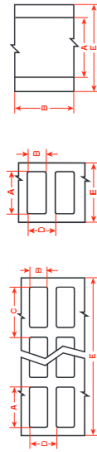


Figure 1

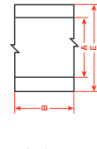


Figure 2

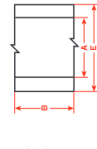


Figure 3

Diagram	Catalog #	Color	Label Width A inch (mm)	Label Width B inch (mm)	Label Height B inch (mm)	Label Height A inch (mm)	Web Width E inch (mm)	Horiz. Repeat C inch (mm)	Horiz. Repeat B inch (mm)	Horiz. Repeat A inch (mm)	Vert. Repeat D inch (mm)	Labels Per Row	Labels Per Pig	Res. Ribbon
Fig. 1	TH15-472-10	White	1.000 (25.4)	0.500 (12.7)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 2	TH15-472-10	White	1.250 (31.6)	0.375 (9.5)	0.375 (9.5)	1.300 (33.0)	4.475 (112.1)	0.475 (12.1)	0.475 (12.1)	0.475 (12.1)	2,750 (69.9)	2,750	2,750	75-R4307
Fig. 1	TH15-472-10-YL	Yellow	1.000 (25.4)	0.500 (12.7)	0.500 (12.7)	1.075 (27.3)	3.350 (85.1)	0.350 (8.9)	0.350 (8.9)	0.350 (8.9)	10.000	10,000	10,000	75-R4307
Fig. 2	TH15-472-10-YL	Yellow	1.250 (31.6)	0.375 (9.5)	0.375 (9.5)	1.300 (33.0)	4.475 (112.1)	0.475 (12.1)	0.475 (12.1)	0.475 (12.1)	2,750 (69.9)	2,750	2,750	75-R4307
Fig. 3	TH11-472-YL	Yellow	1.500 (38.1)	3.000 (76.2)	3.000 (76.2)	1.750 (44.5)	1.750 (44.5)	-	-	-	1 Roll Cont.	1	1 Roll Cont.	75-R4307

## Heatex™ 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

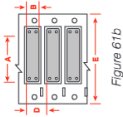


Figure 61b

Diagram	Catalog #	Finish	Color	Label Width A inch (mm)	Label Width B inch (mm)	Label Height B inch (mm)	Label Height A inch (mm)	Web Width E inch (mm)	Horiz. Repeat C inch (mm)	Horiz. Repeat B inch (mm)	Horiz. Repeat A inch (mm)	Vert. Repeat D inch (mm)	Labels Per Pig	Labels Per Row	Res. Ribbon
Fig. 61b	HSCM-2400-0.300-MT	Matte	White	2.362 (60.0)	0.384 (10.0)	0.384 (10.0)	0.384 (10.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	1,000	1,000	75-R6002
Fig. 61b	HSCM-3000-0.625-MT	Matte	White	2.963 (75.0)	0.384 (10.0)	0.384 (10.0)	0.384 (10.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	1,000	1,000	75-R6002
Fig. 61b	HSCM-3000-0.625-MT	Matte	White	2.963 (75.0)	0.994 (25.0)	0.994 (25.0)	0.994 (25.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	500	500	75-R6002
Fig. 61b	HSCM-2400-0.300-YL	Matte	Yellow	2.400 (61.0)	0.390 (9.0)	0.390 (9.0)	0.390 (9.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	1,000	1,000	75-R6002
Fig. 61b	HSCM-3000-0.625-YL	Matte	Yellow	2.963 (75.0)	0.390 (9.0)	0.390 (9.0)	0.390 (9.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	1,000	1,000	75-R6002
Fig. 61b	HSCM-3000-1-YL	Matte	Yellow	2.963 (75.0)	0.994 (25.0)	0.994 (25.0)	0.994 (25.0)	4.200 (106.9)	-	-	-	4.200 (106.9)	500	500	75-R6002

## Aerospace Zip Tie Cable Tags (B-388, B-338)

- Keep your thick cables and cable bundles identified in harsh environments with high-performance cable tags
- Tear-resistant tags are available in two different temperature grade options and have excellent crack resistance at low and high temps
- Ideal for use in the aerospace, satellite and defense industries

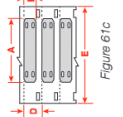


Figure 61c

Diagram	Catalog #	Color	Label Width A inch (mm)	Label Width B inch (mm)	Label Height B inch (mm)	Label Height A inch (mm)	Web Width E inch (mm)	Horiz. Repeat C inch (mm)	Horiz. Repeat B inch (mm)	Horiz. Repeat A inch (mm)	Vert. Repeat D inch (mm)	Labels Per Row	Labels Per Pig	Res. Ribbon
Fig. 61c	HSNXT-410-2-WT-1.5	White	2.028 (51.4)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.000 (76.2)	0.610 (15.5)	0.610 (15.5)	0.610 (15.5)	3.000 (76.2)	1	1,600	75-R6002
Fig. 61c	HSNXT-410-2-WT-1.5	White	2.028 (51.4)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.000 (76.2)	1.000 (25.4)	1.000 (25.4)	1.000 (25.4)	3.000 (76.2)	1	1,000	75-R6002
Fig. 61c	HSNXT-410-2-YL-1.5	Yellow	2.028 (51.4)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.000 (76.2)	0.610 (15.5)	0.610 (15.5)	0.610 (15.5)	3.000 (76.2)	1	1,600	75-R6002
Fig. 61c	HSNXT-410-2-YL-1.5	Yellow	2.028 (51.4)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.000 (76.2)	1.000 (25.4)	1.000 (25.4)	1.000 (25.4)	3.000 (76.2)	1	1,000	75-R6002
Fig. 61c	HSNXT-410-2-WT-1.5	White	2.028 (51.4)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.000 (76.2)	0.625 (15.9)	0.625 (15.9)	0.625 (15.9)	3.000 (76.2)	1	1,500	75-R6002
Fig. 61c	HSNXT-410-2-WT-1.5	White	2.028 (51.4)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.000 (76.2)	1.000 (25.4)	1.000 (25.4)	1.000 (25.4)	3.000 (76.2)	1	1,000	75-R6002

## Nomex® Zip Tie Cable Tags (B-508)

- Thermal transfer printable non-adhesive tag for cable bundles
- Tag is pre-cut with four holes and tag is fastened to cable or wire harness bundle with cable ties
- Excellent tear, heat and solvent resistance
- Meets the following industry specifications, SAE AS 81531, ROHS compliant, tested per ASTM E162, ASTM E662

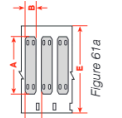


Figure 61a

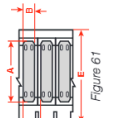


Figure 61

Diagram	Catalog #	Finish	Color	Label Width A inch (mm)	Label Width B inch (mm)	Label Height B inch (mm)	Label Height A inch (mm)	Web Width E inch (mm)	Horiz. Repeat C inch (mm)	Horiz. Repeat B inch (mm)	Horiz. Repeat A inch (mm)	Vert. Repeat D inch (mm)	Labels Per Row	Labels Per Pig	Res. Ribbon
Fig. 61	HSNX-800-2-WT	Matte	White	2.000 (50.8)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.250 (82.6)	-	-	-	1.012 (25.7)	2,500	2,500	75-R4300
Fig. 61	HSNX-800-2-WT-S	Matte	White	2.000 (50.8)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.250 (82.6)	-	-	-	1.012 (25.7)	2,500	2,500	75-R4300
Fig. 61a	HSNX-400-2-WT	Matte	White	2.200 (55.9)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.250 (82.6)	-	-	-	0.622 (15.9)	2,500	2,500	75-R4300
Fig. 61a	HSNX-400-2-WT-S	Matte	White	2.200 (55.9)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.250 (82.6)	-	-	-	0.622 (15.9)	2,500	2,500	75-R4300
Fig. 61	HSNX-800-2-YL	Matte	Yellow	2.000 (50.8)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.250 (82.6)	-	-	-	1.012 (25.7)	2,500	2,500	75-R4300
Fig. 61	HSNX-800-2-YL-S	Matte	Yellow	2.000 (50.8)	0.800 (20.3)	0.800 (20.3)	0.800 (20.3)	3.250 (82.6)	-	-	-	1.012 (25.7)	2,500	2,500	75-R4300
Fig. 61a	HSNX-400-2-YL	Matte	Yellow	2.200 (55.9)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.250 (82.6)	-	-	-	0.622 (15.9)	2,500	2,500	75-R4300
Fig. 61a	HSNX-400-2-YL-S	Matte	Yellow	2.200 (55.9)	0.410 (10.4)	0.410 (10.4)	0.410 (10.4)	3.250 (82.6)	-	-	-	0.622 (15.9)	2,500	2,500	75-R4300

Nomex® is a registered trademark of DuPont.



## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

B-342 PermaSleeve PS Polyolefin Wire Marking Sleeves are a 3:1 heat-shrinkable wire marking sleeve that fits snugly around wires for identification and protection.

These fade-resistant and flame-retardant sleeves have an operating temperature of -67°F to 275°F (-55°C to 135°C).

### Meets Specifications:

- SAE-AS-23053/5
- SAE-AS-81531
- RoHS compliant
- UL recognized

### Tested per:

- ASTM E162
- ASTM E862
- MIL-STD-202



## Create Your B-342 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

### Example catalog number:

**3PS - 187 - 2 - WT**

Product Diameter Width Color

### Create your own:

Product Diameter Width Color

### Ribbon Ink Series

- 175-R4300 Series
- 175-R6200 Series
- 175-R4400MT Series\*
- 175-R4500SV Series\*

\*For Black Sleeves Only

### STEP 1:

Product type

PS = Single Sided Printing

3PS = Double Sided Printing

094 = 3/32" 0.0625" - 0.0625" dia.

125 = 1/8" 0.0625" - 0.110" dia.

187 = 3/16" 0.0625" - 0.150" dia.

250 = 1/4" 0.094" - 0.215" dia.

375 = 3/8" 0.125" - 0.320" dia.

500 = 1/2" 0.187" - 0.450" dia.

750 = 3/4" 0.250" - 0.700" dia.

1000 = 1" 0.333" - 0.950" dia.

1500 = 1-1/2" 0.500" - 1.400" dia.

N/A = 1-1/2" sleeve width

2 = 2" sleeve width

Standard Colors

WT = White

YL = Yellow

BL = Black

GR = Gray

OR = Orange

PK = Pink

BR = Brown

VT = Violet

Special Order Colors

For standard quantity, leave blank. For small quantity, enter "S".

If sleeve diameter is 3/32-25

Standard S = 450

Small (S) = 250

If sleeve diameter is 3/8-500

Standard S = 300

Small (S) = 150

If sleeve diameter is 7/32-1500

Standard S = 250

Small (S) = 100

1 meter per sleeve is standard

If desired, the sleeve can be split into multiple pieces

2 = Sleeve is slit to create 2 pieces

3 = Sleeve is slit to create 3 pieces

4 = Sleeve is slit to create 4 pieces



Example: 3' slit

Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. - Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty Per Row	Sleeves Per Roll	Rec. Ribbon
<b>1.8" Sleeve Width, Single-Sided Printable</b>									
• PS-094-150-WTS	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-094-150-WT	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-125-150-WTS	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.020 (0.5)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-125-150-WT	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-187-150-WTS	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.020 (0.5)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-187-150-WT	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-250-150-WTS	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-250-150-WT	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-375-150-WTS	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-375-150-WT	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-500-150-WTS	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-500-150-WT	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	500	175-R6602
<b>2" Sleeve Width, Double-Sided Printable</b>									
• PS-094-2-WTS	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-094-2-WT	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-125-2-WTS	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-125-2-WT	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-187-2-WTS	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-187-2-WT	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-250-2-WTS	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-250-2-WT	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-375-2-WTS	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-375-2-WT	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-500-2-WTS	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-500-2-WT	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-750-2-WTS	White	6 to 40	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-750-2-WT	White	6 to 40	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-1000-2-WTS	White	2 to 0.950 dia.	0.333 (8.6) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) ± .003 (0.07)	1	100	175-R6602
• PS-1000-2-WT	White	2 to 0.950 dia.	0.333 (8.6) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) ± .003 (0.07)	1	250	175-R6602
• PS-1500-2-WTS	White	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.036 (0.9) ± .003 (0.07)	1	100	175-R6602
• PS-1500-2-WT	White	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.036 (0.9) ± .003 (0.07)	1	250	175-R6602
<b>2" Sleeve Width, Double-Sided Printable</b>									
• PS-094-2-WTS	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-094-2-WT	White	28 to 20	0.023 (0.6) - 0.090 (2.0)	0.094 (2.4)	0.024 (0.6)	0.024 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-125-2-WTS	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-125-2-WT	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-187-2-WTS	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) ± .003 (0.07)	1	500	175-R6602
• PS-187-2-WT	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	0.020 (0.5) ± .003 (0.07)	1	2,500	175-R6602
• PS-250-2-WTS	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	500	175-R6602
• PS-250-2-WT	White	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.063 (2.4)	0.025 (0.6) ± .003 (0.07)	1	2,500	175-R6602
• PS-375-2-WTS	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-375-2-WT	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-500-2-WTS	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-500-2-WT	White	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-750-2-WTS	White	6 to 40	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	0.025 (0.6) ± .003 (0.07)	1	250	175-R6602
• PS-750-2-WT	White	6 to 40	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	0.025 (0.6) ± .003 (0.07)	1	1,000	175-R6602
• PS-1000-2-WTS	White	2 to 0.950 dia.	0.333 (8.6) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) ± .003 (0.07)	1	100	175-R6602
• PS-1000-2-WT	White	2 to 0.950 dia.	0.333 (8.6) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	0.036 (0.9) ± .003 (0.07)	1	250	175-R6602
• PS-1500-2-WTS	White	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.036 (0.9) ± .003 (0.07)	1	100	175-R6602
• PS-1500-2-WT	White	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	0.036 (0.9) ± .003 (0.07)	1	250	175-R6602

▲ WARNING: Cancer www.PBSWarnings.ca.gov



## B-344 PermaSleeve® FR Fluid Resistant Wire Marking Sleeves

B-344 PermaSleeve Fluid Resistant Wire Marking Sleeves are a 3:1 heat-shrinkable wire marking sleeve that fits snugly around wires for identification and protection, and offers greater resistance to harsh chemicals such as fuels, lubricants and cleaning solvents.

### Meets specifications:

- SAE-AS-23053/6 (Class 1)
- SAE-AS-81531

### Temp Range:

- -67°F to 275°F (-55°C to 135°C)

### Shrink Ratio:

- 3:1 for 1" dia only
- 2:1 for 1-1/8" dia. only

### Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202G



## Create Your B-344 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

### Example catalog number:

**3FR - 187 - 2 - WT**  
Product Diameter Width Color

### Create your own:

Product Diameter Width Color  
Roll Qty Pieces  
Optional

### Ribbon Ink Series

75-R600 Series  
75-R600WT Series  
\*For Black Sleeves Only

**STEP 1:**  
Product Type  
3FR = Double-sided 3:1 shrink ratio for 094-1000 dia. only  
2FR = Double-sided 2:1 shrink ratio for 1500 dia. only

**STEP 2:**  
Diameter  
094 = 3/32" 0.023" - 0.067" dia. 28 to 20 gauge  
125 = 1/8" 0.046" - 0.110" dia. 22 to 16 gauge  
187 = 3/16" 0.062" - 0.150" dia. 20 to 10 gauge  
250 = 1/4" 0.094" - 0.215" dia. 16 to 8 gauge  
375 = 3/8" 0.125" - 0.327" dia. 12 to 4 gauge  
500 = 1/2" 0.187" - 0.457" dia. 8 to 1 gauge  
750 = 3/4" 0.250" - 0.707" dia. 6 to 40 gauge  
1000 = 1" 0.333" - 0.950" dia. 2 to 0.950" dia.  
1500 = 1-1/2" 0.750" - 1.407" dia. n/a

**STEP 3:**  
Sleeve Width  
2 = 2" sleeve width

### STEP 4:

Color  
Special Order Colors  
BL = Blue OR = Orange PK = Pink  
GR = Green RD = Red  
YL = Yellow BR = Brown VT = Violet

**STEP 5:**  
Roll Qty. (optional)  
For standard quantity, leave blank. For small quantity, enter "S".  
If sleeve diameter is 094-250 Standard = 2,500 Small (S) = 500  
If sleeve diameter is 375 Standard = 1,000 Small (S) = 250  
If sleeve diameter is 500 Standard = 500 Small (S) = 250  
If sleeve diameter is 750-1500 Standard = 250 Small (S) = 100

**STEP 6:**  
Pieces Per Sleeve (optional)  
If desired, this sleeve can be split into multiple pieces.  
Z = Sleeve is slit to create Z pieces



Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty Per Row	Sleeves Per Roll	Rec. Ribbon
<b>3:1 Ratio, 2" Sleeve Width, Double-sided Printable</b>								
• 3FR-094-2-WFS	White	28 to 20	0.023 (0.6) - 0.060 (2.0)	0.044 (2.4)	0.031 (0.79)	0.027 (0.69)	1	500
• 3FR-094-2-WT	White	28 to 20	0.023 (0.6) - 0.060 (2.0)	0.044 (2.4)	0.031 (0.79)	0.027 (0.69)	1	2,500
• 3FR-125-2-WFS	White	22 to 16	0.042 (1.1) - 0.110 (2.8)	0.125 (3.2)	0.042 (1.07)	0.037 (0.96)	1	500
• 3FR-125-2-WT	White	22 to 16	0.042 (1.1) - 0.110 (2.8)	0.125 (3.2)	0.042 (1.07)	0.037 (0.96)	1	2,500
• 3FR-187-2-WFS	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.57)	0.054 (1.38)	1	500
• 3FR-187-2-WT	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.57)	0.054 (1.38)	1	2,500
• 3FR-250-2-WFS	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.11)	0.073 (1.85)	1	500
• 3FR-250-2-WT	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.11)	0.073 (1.85)	1	2,500
• 3FR-375-2-WFS	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.18)	0.094 (2.40)	1	500
• 3FR-375-2-WT	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.18)	0.094 (2.40)	1	2,500
• 3FR-500-2-WFS	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.22)	0.094 (2.40)	1	250
• 3FR-500-2-WT	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.22)	0.094 (2.40)	1	1,000
• 3FR-750-2-WFS	White	6 to 40	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.35)	0.24 (0.61)	1	100
• 3FR-750-2-WT	White	6 to 40	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.35)	0.24 (0.61)	1	250
• 3FR-1000-2-WFS	White	2 to 0.950 dia	0.333 (8.45) - 0.950 (24.1)	1.000 (25.4)	0.333 (8.46)	0.25 (0.63)	1	100
• 3FR-1000-2-WT	White	2 to 0.950 dia	0.333 (8.45) - 0.950 (24.1)	1.000 (25.4)	0.333 (8.46)	0.25 (0.63)	1	250
<b>2:1 Ratio, 2" Sleeve Width, Double-sided Printable</b>								
• 2FR-1500-2-WFS	White	N/A	0.75 (19.05) - 1.450 (36.84)	1.500 (38.1)	0.75 (19.1)	0.65 (0.88)	1	100
• 2FR-1500-2-WT	White	N/A	0.75 (19.05) - 1.450 (36.84)	1.500 (38.1)	0.75 (19.1)	0.65 (0.88)	1	250

WARNING: Cancer www.P65Warnings.ca.gov





## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves

B-7642 PermaSleeve HX Polyolefin Wire Marking Sleeves are 2.1 heat-shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame-retardant and very flexible. These heat-shrinkable wire marking sleeves have an operating temperature of -40°F to 248°F (-40°C to 120°C).

### Meets specifications:

- SAE-AS-23053/5 Class 1 and 3
- SAE-AS-81631
- RoHS compliant

### Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202

## Create Your B-7642 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

### Example catalog number:

**2HX - 187 - 2 - WT**  
 Product Diameter Width Color  
 Roll Qty Pieces  
 Options

### Create your own:

Product Diameter Width Color  
 Roll Qty Pieces  
 Options

### Ribbon Ink Series

175-R4300 Series  
 175-R6400 Series  
 175-R6700WT Series\*

\*For Black Sleeves Only



**STEP 1: Product Type**  
 1HX = Single Sided Printing  
 2HX = Double Sided Printing

**STEP 2: Diameter**  
 094 = 3/32"  
 125 = 1/8"  
 187 = 3/16"  
 250 = 1/4"  
 375 = 3/8"  
 500 = 1/2"  
 750 = 3/4"  
 1000 = 1"  
 1500 = 1 1/2"  
 2000 = 2"

**STEP 3: Sleeve Width**  
 150 = 1 1/2" sleeve width  
 2 = 2" sleeve width  
 3 = 3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)

**STEP 4: Color**  
 Standard Colors  
 WT = White  
 Special Order Colors  
 YL = Yellow BL = Blue  
 BK = Black GR = Green RD = Red  
 OR = Orange  
 GR = Gray  
 VT = Violet

**STEP 5: Roll Size (optional)**  
 For standard quantity, leave blank. For small quantity, enter "S". For jumbo quantity, enter "J".  
 If sleeve dia. is 250 Small (S) = 500 Jumbo (J) = 10,000  
 If sleeve dia. is 375 Small (S) = 250 Jumbo (J) = 7,500  
 If sleeve dia. is 500 Standard = 1,000 Small (S) = 250 Jumbo (J) = 2,500  
 If sleeve dia. is 750-1000 Standard = 250 Small (S) = 100 Jumbo (J) = 2,500  
 If sleeve dia. is 1500 Standard = 250 Small (S) = 100 Jumbo (J) = 1,000  
 If sleeve dia. is 2000 Standard = 100 Small (S) = 50 Jumbo (J) = 1,000

**STEP 6: Pieces Per Sleeve (optional)**  
 If desired, the sleeve can be split into multiple pieces.  
 2 = Sleeve is slit to create 2 pieces  
 3 = Sleeve is slit to create 3 pieces  
 4 = Sleeve is slit to create 4 pieces

**STEP 1: Product Type**  
 1HX = Single Sided Printing  
 2HX = Double Sided Printing

**STEP 2: Diameter**  
 094 = 3/32"  
 125 = 1/8"  
 187 = 3/16"  
 250 = 1/4"  
 375 = 3/8"  
 500 = 1/2"  
 750 = 3/4"  
 1000 = 1"  
 1500 = 1 1/2"  
 2000 = 2"

**STEP 3: Sleeve Width**  
 150 = 1 1/2" sleeve width  
 2 = 2" sleeve width  
 3 = 3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)

**STEP 4: Color**  
 Standard Colors  
 WT = White  
 Special Order Colors  
 YL = Yellow BL = Blue  
 BK = Black GR = Green RD = Red  
 OR = Orange  
 GR = Gray  
 VT = Violet

**STEP 5: Roll Size (optional)**  
 For standard quantity, leave blank. For small quantity, enter "S". For jumbo quantity, enter "J".  
 If sleeve dia. is 250 Small (S) = 500 Jumbo (J) = 10,000  
 If sleeve dia. is 375 Small (S) = 250 Jumbo (J) = 7,500  
 If sleeve dia. is 500 Standard = 1,000 Small (S) = 250 Jumbo (J) = 2,500  
 If sleeve dia. is 750-1000 Standard = 250 Small (S) = 100 Jumbo (J) = 2,500  
 If sleeve dia. is 1500 Standard = 250 Small (S) = 100 Jumbo (J) = 1,000  
 If sleeve dia. is 2000 Standard = 100 Small (S) = 50 Jumbo (J) = 1,000

**STEP 6: Pieces Per Sleeve (optional)**  
 If desired, the sleeve can be split into multiple pieces.  
 2 = Sleeve is slit to create 2 pieces  
 3 = Sleeve is slit to create 3 pieces  
 4 = Sleeve is slit to create 4 pieces

Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. - Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Qty Per Row	Sleeves Per Roll	Rec. Ribbon
1.9" Sleeve Width, Single-sided Printable								
HK-094-150-WFS	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
HK-094-150-WT	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	2,500
HK-125-150-WFS	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
HK-125-150-WT	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	2,500
HK-187-150-WFS	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	500
HK-187-150-WT	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	2,500
HK-250-150-WFS	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	250
HK-250-150-WT	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	1,000
HK-375-150-WFS	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
HK-375-150-WT	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	1,000
HK-500-150-WFS	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	250
HK-500-150-WT	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	1,000
HK-750-150-WFS	White	2 to 40	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1	100
HK-750-150-WT	White	2 to 40	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1	250
HK-1000-150-WFS	White	NA	0.604 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.604 (11.4)	0.035 (0.9) ± 0.005 (0.1)	1	250
HK-1000-150-WT	White	NA	0.604 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.604 (11.4)	0.035 (0.9) ± 0.005 (0.1)	1	1,000
HK-1500-150-WFS	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	250
HK-1500-150-WT	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	1,000
HK-2000-150-WFS	White	NA	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
HK-2000-150-WT	White	NA	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	100
<b>2" Sleeve Width, Single-sided Printable</b>								
HK-094-2-WFS	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
HK-094-2-WT	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	2,500
HK-125-2-WFS	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
HK-125-2-WT	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	2,500
HK-187-2-WFS	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	500
HK-187-2-WT	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	2,500
HK-250-2-WFS	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	250
HK-250-2-WT	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	1,000
HK-375-2-WFS	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
HK-375-2-WT	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	1,000
HK-500-2-WFS	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	250
HK-500-2-WT	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	1,000
HK-750-2-WFS	White	2 to 40	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1	100
HK-750-2-WT	White	2 to 40	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1	250
HK-1000-2-WFS	White	20 to 0.850" dia.	0.604 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.600 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1	100
HK-1000-2-WT	White	20 to 0.850" dia.	0.604 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.600 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1	250
HK-1500-2-WFS	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	100
HK-1500-2-WT	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	250
HK-2000-2-WFS	White	NA	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
HK-2000-2-WT	White	NA	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	100
<b>3" Sleeve Width, Single-sided Printable</b>								
HK-1000-3-WT	White	20 to 0.850" dia.	0.604 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.600 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1	250
HK-1500-3-WT	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	250
HK-2000-3-WT	White	NA	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
HK-2000-3-WT	White	NA	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	100



Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. - Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty Per Row	Sleeves Per Roll	Rec. Ribbon
2-K-094-2-WFS	White	24 to 20	0.047 (1.2) - 0.060 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1	500	75-R6002
2-K-125-2-WFS	White	24 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1	2,500	75-R6002
2-K-172-2-WFS	White	20 to 16	0.082 (1.9) - 0.110 (2.8)	0.125 (3.2)	0.083 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1	2,500	75-R6002
2-K-187-2-WFS	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	500	75-R6002
2-K-197-2-WFS	White	16 to 10	0.084 (2.1) - 0.151 (3.8)	0.187 (4.8)	0.084 (2.1)	0.020 (0.5) ± 0.003 (0.07)	1	2,500	75-R6002
2-K-250-2-WFS	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	250	75-R6002
2-K-375-2-WFS	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	1,000	75-R6002
2-K-500-2-WFS	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	250	75-R6002
2-K-750-2-WFS	White	2 to 1	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1	100	75-R6002
2-K-1000-2-WFS	White	2 to 0.350" dia.	0.450 (11.4) - 0.850 (21.1)	1.000 (25.4)	0.450 (11.4)	0.035 (0.9) ± 0.003 (0.07)	1	250	75-R6002
2-K-1500-2-WFS	White	NA	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	100	75-R6002
2-K-2000-2-WFS	White	NA	1.000 (25.4) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1	250	75-R6002
2-K-2000-2-WT	White	NA	1.000 (25.4) - 1.500 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1	50	75-R6002

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

B-345 PermaSleeve HT High Temperature PVDF Wire Marking Sleeves are a 2:1 (3:32" is 3:1) heat-shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These sleeves are made of irradiated polyvinylidene fluoride (PVDF) and have an operating temperature of -67°F to 437°F (-55°C to 225°C).

- Meets specifications:**
- NASA SP-R-0022A
  - Outgassing Performance
  - SAE-AS-81531
  - RoHS compliant
- Tested per:**
- SAE-AMS-DTL-23053/18, Class 2
  - ASTM E162
  - ASTM E662
  - MIL-STD-202



## Create Your B-345 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

**2HT - 187 - 2 - WT - S - 4**

Product Diameter Width Color Roll Qty Pieces Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces Optional

### Ribbon Ink Series

75-R6000 Series  
75-R6001 Series  
75-R6002 Series  
75-R4400WT Series\*

\*For Black Sleeves Only

**STEP 1: Product Type**

3HT = 3:1 Ratio, 094 Dia. Size Only, Double Sided Printing  
2HT = 2:1 Ratio, 125-1500 Dia. Sizes Only, Double Sided Printing

**STEP 2: Diameter**

094	= 3/32"	0.031" - 0.060" dia	26 to 20 gauge
125	= 1/8"	0.062" - 0.110" dia	20 to 16 gauge
187	= 3/16"	0.094" - 0.150" dia	16 to 10 gauge
250	= 1/4"	0.125" - 0.215" dia	12 to 8 gauge
375	= 3/8"	0.187" - 0.320" dia	8 to 4 gauge
500	= 1/2"	0.250" - 0.450" dia	6 to 1 gauge
750	= 3/4"	0.375" - 0.700" dia	2 to 40 gauge
1000	= 1"	0.450" - 0.950" dia	20 to 0.850" dia.
1500	= 1-1/2"	0.750" - 1.400" dia.	na

**STEP 3: Sleeve Width**

2 = 2" sleeve width

**STEP 4: Color**

Standard Colors  
WT = White  
YL = Yellow  
BL = Blue  
PK = Pink  
BK = Black

Special Order Colors

**STEP 5: Roll Qty. (optional)**

Only available in small quantity size, please enter "S".  
If sleeve diameter is 094-250 Standard Small (S) = 500  
If sleeve diameter is 375-500 Standard Small (S) = 250  
If sleeve diameter is 750-1500 Standard Small (S) = 100

**STEP 6: Pieces Per Sleeve (optional)**

1 marker per sleeve is standard.  
If desired, the sleeve can be split into multiple pieces.  
3 = Sleeve is slit to create 2 pieces  
4 = Sleeve is slit to create 3 pieces  
5 = Sleeve is slit to create 4 pieces

Example: "3" slit

Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. - Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty Per Row	Sleeves Per Roll	Rec. Ribbon
3HT-094-2-WFS	White	26 to 20	0.031 (0.8) - 0.060 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1	500	75-R6002
2HT-125-2-WFS	White	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1	500	75-R6002
2HT-187-2-WFS	White	16 to 10	0.084 (2.1) - 0.150 (3.8)	0.187 (4.7)	0.083 (2.1)	0.015 (0.4) ± 0.003 (0.07)	1	500	75-R6002
2HT-250-2-WFS	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	250	75-R6002
2HT-375-2-WFS	White	8 to 4	0.187 (4.7) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1	500	75-R6002
2HT-500-2-WFS	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	250	75-R6002

## B-7646 PermaSleeve® DR Diesel Resistant Polyolefin Wire Marking Sleeves

Brady B-7646 diesel resistant wire marking sleeves are a yellow, 3:1 ratio heat-shrinkable wire marking sleeves. These thermal transfer printable sleeves feature a double-sided format.

B-7646 PermaSleeve markers have been developed for wire and cable identification in applications that have exposure to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures.

These heat-shrinkable wire marking sleeves have an operating temperature of -55F to 135F (-48°C to 57°C).

### Meets specifications:

- SAE-AS-81531

### Tested per:

- MIL-STD-202 method 215k
- NF F 00-608 Type A and H



## Create Your B-7646 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

### Example catalog number:

**DR - 187 - 2 - WT**

Product Diameter Width Color

**S - 4**  
Roll Qty Optional

### Create your own:

Product Diameter Width Color

**Roll Qty Optional**

### Ribbon Ink Series 175-R6000 Series

#### STEP 1: Product Type

DR = Double Sided Printing

**STEP 2:  
Diameter**  
125 = 1/8" 0.062" - 0.110" dia.  
187 = 3/16" 0.094" - 0.151" dia.  
250 = 1/4" 0.125" - 0.215" dia.  
375 = 3/8" 0.188" - 0.302" dia.  
500 = 1/2" 0.250" - 0.450" dia.

**STEP 3:  
Sleeve Width**  
2 = 2" sleeve width

**STEP 4:  
Color**  
Standard Color  
YL = Yellow

**STEP 5:  
Roll Size**  
Only available in standard quantity, leave blank  
If sleeve diameter is 1.25-250 Standard = 2,500  
If sleeve diameter is 375 Standard = 1,000  
If sleeve diameter is 500 Standard = 500

**STEP 6:  
Pieces Per Sleeve (optional)**  
1 marker per sleeve is standard  
If desired, the sleeve can be split into multiple pieces  
2 = Sleeve is slit to create 2 pieces  
3 = Sleeve is slit to create 3 pieces  
4 = Sleeve is slit to create 4 pieces  
Example: "3" slit

Catalog #	Color	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Qty Per Row	Sleeves Per Roll	Rec. Ribbon
<b>3:1 Shrink ratio double-side primable, 0.250 in. label width</b>									
• DR-125-2-YL-4	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.024 (0.6) ± 0.003 (0.07)	0.024 (0.6) ± 0.003 (0.07)	4	10,000	75-R6602
• DR-187-2-YL-4	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)	4	10,000	75-R6602
• DR-250-2-YL-4	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)	4	10,000	75-R6602
• DR-375-2-YL-4	Yellow	12 to 4	0.125 (3.2) - 0.302 (7.6)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± 0.003 (0.07)	4	10,000	75-R6602
• DR-500-2-YL-4	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)	4	10,000	75-R6602
<b>3:1 Shrink ratio double-side primable, 0.500 in. label width</b>									
• DR-125-2-YL-3	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	0.024 (0.6) ± 0.003 (0.07)	3	7,500	75-R6602
• DR-187-2-YL-3	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)	3	7,500	75-R6602
• DR-250-2-YL-3	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)	3	7,500	75-R6602
• DR-375-2-YL-3	Yellow	12 to 4	0.125 (3.2) - 0.302 (7.6)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± 0.003 (0.07)	3	7,500	75-R6602
• DR-500-2-YL-3	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)	3	7,500	75-R6602
<b>3:1 Shrink ratio double-side primable, 7 in. label width</b>									
• DR-125-2-YL-2	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	0.024 (0.6) ± 0.003 (0.07)	2	5,000	75-R6602
• DR-187-2-YL-2	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)	2	5,000	75-R6602
• DR-250-2-YL-2	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)	2	5,000	75-R6602
• DR-375-2-YL-2	Yellow	12 to 4	0.125 (3.2) - 0.302 (7.6)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± 0.003 (0.07)	2	5,000	75-R6602
• DR-500-2-YL-2	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)	2	5,000	75-R6602
<b>3:1 Shrink ratio double-side primable, 2 in. label width</b>									
• DR-125-2-YL	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	0.024 (0.6) ± 0.003 (0.07)	1	2,500	75-R6602
• DR-187-2-YL	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	2,500	75-R6602
• DR-250-2-YL	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	2,500	75-R6602
• DR-375-2-YL	Yellow	12 to 4	0.125 (3.2) - 0.302 (7.6)	0.375 (9.5)	0.125 (3.1)	0.025 (0.6) ± 0.003 (0.07)	1	2,500	75-R6602
• DR-500-2-YL	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	2,500	75-R6602

• **WARNING:** Cancer www.P65Warnings.ca.gov



### 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.
CS	QuickSleeve multi-tool	1 Tool



### 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.
PKS-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 rewriter to be placed near your label printer



Catalog #	Description	Qty.
LEL-RWDR	BradyPrinter Rewinder	1 each

### General Identification for Laboratory Storage, Equipment and Safety Labels (B-499)

- 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!

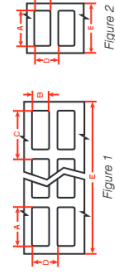


Figure 1



Figure 2

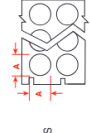


Figure 3

Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horizontal Repeat C Inch (mm)	Vertical Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
Fig. 5a	Tr-F-143-699-3	White	0.375 (9.53)	12.7 (318)	-	-	-	4	3,000	75-R4300
Fig. 5b	Tr-F-144-699-3	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	3	10,000	75-R4300
Fig. 1	Tr-F-169-699-10	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.892 (48.0)	3.700 (94.0)	4	10,000	75-R4307
Fig. 1	Tr-F-165-699-5	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.892 (48.0)	3.700 (94.0)	4	5,000	75-R4307
Fig. 1	Tr-F-169-699-3	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.892 (48.0)	3.700 (94.0)	4	10,000	75-R4307
Fig. 1	Tr-F-165-699-5	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.892 (48.0)	3.700 (94.0)	4	5,000	75-R4307
Fig. 7	Tr-F-126-699-3	White	0.900 (22.9)	0.500 (12.7)	-	0.800 (15.2)	1.700 (43.2)	2	3,000	75-R4302
Fig. 7	Tr-F-126-699-3	White	0.900 (22.9)	0.500 (12.7)	-	0.800 (15.2)	1.700 (43.2)	2	3,000	75-R4306
Fig. 7	Tr-F-163-699-3	White	1.000 (25.4)	0.375 (9.5)	-	0.900 (12.7)	1.675 (42.6)	1	3,000	75-R4302
Fig. 1	Tr-F-162-699-3	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.975 (12.7)	2.300 (58.4)	2	3,000	75-R4302
Fig. 2	Tr-F-136-699-3	White	1.500 (38.1)	0.750 (19.1)	-	0.975 (22.2)	1.700 (43.2)	1	3,000	75-R4302
Fig. 2	Tr-F-186-699-3	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	75-R4302
Fig. 2	Tr-F-186-699-3	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	75-R4302
Fig. 2	Tr-F-197-699-3	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	Tr-F-151-699-3	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	3,000	75-R4302
Fig. 2	Tr-F-19-699-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.600 (91.3)	1	1,000	75-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 falling, these labels withstand harsh temperatures and chemicals without tacking off, fading or smearing
- The colored border is non-printable, but the colored vial top is printable

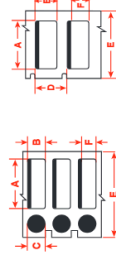


Figure 24b

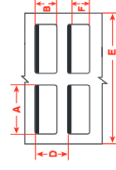


Figure 24c



Figure 24d

Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horizontal Repeat C Inch (mm)	Vertical Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Res. Ribbon
Fig. 25c	Tr-F-152-694-BL	Blue, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 25c	Tr-F-152-694-GN	Green, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 25c	Tr-F-152-694-OR	Orange, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 25c	Tr-F-152-694-PK	Pink, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 25c	Tr-F-152-694-RD	Red, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 25c	Tr-F-152-694-YL	Yellow, White	1.000 (25.4)	0.375 (9.5)	0.250 (6.4)	-	2.300 (58.4)	2	3,000	75-R6400
Fig. 2b	Tr-F-179-694-BL	Blue, White	1.000 (25.4)	1.000 (25.4)	0.875 (22.2)	-	1.200 (30.5)	1	3,000	75-R6406
Fig. 2b	Tr-F-179-694-OR	Orange, White	1.000 (25.4)	1.000 (25.4)	0.875 (22.2)	-	1.200 (30.5)	1	3,000	75-R6406
Fig. 2b	Tr-F-179-694-PK	Pink, White	1.000 (25.4)	1.000 (25.4)	0.875 (22.2)	-	1.200 (30.5)	1	3,000	75-R6406
Fig. 2b	Tr-F-179-694-RD	Red, White	1.000 (25.4)	1.000 (25.4)	0.875 (22.2)	-	1.200 (30.5)	1	3,000	75-R6406
Fig. 2b	Tr-F-179-694-YL	Yellow, White	1.000 (25.4)	1.000 (25.4)	0.875 (22.2)	-	1.200 (30.5)	1	3,000	75-R6406
Fig. 24b	Tr-F-250-694-BL	Blue, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400
Fig. 24b	Tr-F-250-694-GN	Green, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400
Fig. 24b	Tr-F-250-694-OR	Orange, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400
Fig. 24b	Tr-F-250-694-PK	Pink, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400
Fig. 24b	Tr-F-250-694-RD	Red, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400
Fig. 24b	Tr-F-250-694-YL	Yellow, White	1.000 (25.4)	0.500 (12.7)	0.375 (9.5)	0.375 (9.5)	1.675 (42.6)	1	3,000	75-R6400



### Stainerbondz® 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

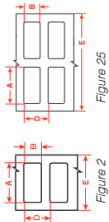


Figure 25



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 Pkg	Rec. Ribbon
Fig. 1	THF-195-481-3	White	0.900 (22.9)	0.375 (9.5)	-	0.500 (12.7)	1.000 (27.9)	1	3,000	75-R4302
Fig. 2	THF-194-481-3	White	0.900 (22.9)	0.750 (19.1)	-	0.875 (22.2)	1.000 (27.9)	1	3,000	75-R4306
Fig. 25	THF-141-481-3	White	0.900 (22.9)	0.900 (22.9)	1.000 (25.4)	2.100 (53.3)	2	3,000	75-R4400	
Fig. 2	THF-164-481-3	White	0.900 (22.9)	0.900 (22.9)	1.000 (25.4)	1.000 (27.9)	1	3,000	75-R4306	
Fig. 2	THF-142-481-2.5	White	2.500 (63.5)	0.200 (5.1)	-	0.300 (7.6)	2.700 (68.6)	1	2,500	75-R4400

### Solvent Resistant Polyester Label (B-488)

- White polyester thermal transfer material with matte finish
- Ideal for component identification, barcoding, and asset and inventory tracking
- A matte version of B-423

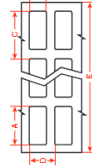


Figure 1



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 Pkg	Rec. Ribbon
Fig. 1	THF-14-488-10	White	0.650 (16.5)	0.200 (5.1)	1.075 (27.3)	0.300 (7.6)	2.850 (74.9)	4	10,000	75-R4300
Fig. 1	THF-140-488-3	White	0.750 (19.1)	0.900 (22.9)	0.800 (20.3)	0.875 (22.2)	2.100 (53.3)	2	3,000	75-R4302
Fig. 1	THF-148-10	White	0.250 (6.4)	0.250 (6.4)	0.350 (8.9)	0.350 (8.9)	3.350 (85.1)	4	10,000	75-R4302
Fig. 1	THF-141-488-3	White	0.900 (22.9)	0.900 (22.9)	1.000 (25.4)	1.000 (25.4)	2.100 (53.3)	2	3,000	75-R4302
Fig. 1	THF-164-488-1	White	0.900 (22.9)	0.900 (22.9)	1.000 (25.4)	1.000 (27.9)	1	1,000	75-R4326	
Fig. 1	THF-152-488-10	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	3.350 (85.1)	3	10,000	75-R4300
Fig. 1	THF-154-488-10	White	1.000 (25.4)	0.500 (12.7)	1.125 (28.6)	0.600 (15.2)	3.350 (85.1)	3	10,000	75-R4302
Fig. 2	THF-154-488-2.5	White	2.000 (50.8)	0.250 (6.4)	0.700 (17.8)	0.375 (9.5)	2.200 (55.9)	1	2,500	75-R4302
Fig. 2	THF-17-488-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R4302
Fig. 2	THF-18-488-3	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	75-R4302
Fig. 2	THF-19-488-1	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	75-R4300

### 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 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 adhesion 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

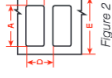


Figure 7

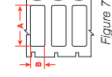


Figure 15c

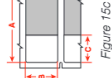


Figure 24



Figure 25



Diagram	Catalog #	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Print Area C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon	
<b>Self-Laminating Lab Polyester (B-461)</b>											
Fig. 15c	THF-123-461-3	White/Clear	0.375 (9.5)	1.800 (45.7)	0.750 (19.1)	0.500 (12.7)	2.000 (50.8)	1	3,000	75-R4302	
Fig. 15c	THF-122-461-3	White/Clear	0.500 (12.7)	1.800 (45.7)	0.750 (19.1)	0.625 (15.9)	2.000 (50.8)	1	3,000	75-R4302	
Fig. 15c	THF-127-461-3	White/Clear	0.500 (12.7)	2.200 (55.9)	0.750 (19.1)	0.625 (15.9)	2.400 (61.0)	1	3,000	75-R4302	
Fig. 15c	THF-183-461-1	White/Clear	1.000 (25.4)	1.750 (44.5)	1.000 (25.4)	1.125 (28.6)	1.825 (46.4)	1	1,000	75-R4302	
Fig. 15c	THF-139-461-2	White/Clear	1.000 (25.4)	5.250 (133.4)	1.500 (38.1)	5.375 (136.5)	2.300 (58.4)	2	2,000	75-R4302	
Fig. 15c	THF-134-461-3	White/Clear	1.500 (38.1)	3.500 (88.9)	1.250 (31.7)	1.625 (41.3)	3.700 (94.0)	1	3,000	75-R4302	
Fig. 15c	THF-133-461-3	White/Clear	1.625 (41.3)	0.600 (15.2)	1.000 (25.4)	0.750 (19.1)	1.825 (46.4)	1	3,000	75-R4302	
Fig. 15c	THF-131-461-3	White/Clear	2.625 (66.7)	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	2.625 (66.7)	1	3,000	75-R4300	
Fig. 15c	THF-153-461-3	White/Clear	2.625 (66.7)	1.000 (25.4)	0.600 (15.2)	0.750 (19.1)	2.625 (66.7)	1	3,000	75-R4300	
<b>FreezerBondz Lab Polyester (B-490)</b>											
Fig. 2	THF-154-490-3	White	1.250 (31.8)	0.375 (9.5)	-	0.500 (12.7)	1.450 (36.8)	1	3,000	75-R4306	
Fig. 2	THF-155-490-3	White	1.625 (41.3)	0.600 (15.2)	-	0.700 (17.8)	1.825 (46.4)	1	3,000	75-R4302	
Fig. 2	THF-156-490-3	White	1.900 (48.3)	1.000 (25.4)	-	1.100 (27.9)	2.100 (53.3)	1	3,000	75-R4302	
Fig. 2	THF-157-490-3	White	2.200 (55.9)	1.500 (38.1)	-	1.625 (41.3)	2.400 (61.0)	1	3,000	75-R4302	
Fig. 2	THF-158-490-3	White	3.750 (95.3)	1.500 (38.1)	-	1.625 (41.3)	3.950 (100.3)	1	3,000	75-R4302	
<b>Ultra Thin FreezerBondz Lab Polyester (B-492)</b>											
Fig. 25	THF-152-492-3	White	0.800 (20.9)	1.000 (25.4)	-	1.100 (27.9)	1.100 (27.9)	1	3,000	75-R6406	
Fig. 25	THF-152-492-3	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	2.300 (58.4)	2	3,000	75-R6406	
Fig. 7	THF-163-492-3	White	1.000 (25.4)	0.375 (9.5)	0.375 (9.5)	0.500 (12.7)	1.675 (42.6)	1	3,000	75-R6406	
Fig. 7	THF-161-492-3	White	1.000 (25.4)	0.375 (9.5)	0.375 (9.5)	0.500 (12.7)	1.675 (42.6)	1	3,000	75-R6406	
Fig. 7	THF-162-492-3	White	1.000 (25.4)	0.440 (11.2)	0.440 (11.2)	1.100 (27.9)	1.740 (44.2)	1	3,000	75-R6406	
Fig. 25	THF-58-492-10	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	10,000	75-R6406	
Fig. 25	THF-88-492-5	White	1.000 (25.4)	0.750 (19.1)	-	0.875 (22.2)	2.300 (58.4)	2	5,000	75-R6400	
Fig. 2	THF-179-492-3	White	1.000 (25.4)	1.000 (25.4)	-	1.100 (27.9)	1.200 (30.5)	1	3,000	75-R6400	
Fig. 2	THF-155-492-3	White	1.625 (41.3)	0.600 (15.2)	-	0.700 (17.8)	1.825 (46.4)	1	3,000	75-R6400	
Fig. 2	THF-190-492-3	White	1.625 (41.3)	0.600 (15.2)	-	0.700 (17.8)	2.300 (58.4)	1	3,000	75-R6400	
Fig. 2	THF-156-492-3	White	1.900 (48.3)	1.000 (25.4)	-	1.100 (27.9)	2.100 (53.3)	1	3,000	75-R6400	
<b>Lab Polypropylene (B-7425)</b>											
Fig. 25	THF-152-7425-2	White	0.375 (9.5)	1.000 (25.4)	-	0.625 (15.9)	2.300 (58.4)	2	2,000	75-R6400	
Fig. 2	THF-249-7425-2	White	0.525 (13.3)	0.250 (6.4)	-	0.375 (9.5)	1.025 (26.0)	1	2,000	75-R6406	
Fig. 24	THF-249-7425-2	White	1.000 (25.4)	0.375 (9.5)	-	0.375 (9.5)	0.500 (12.7)	1.675 (42.6)	2	2,000	75-R6406
Fig. 2	THF-58-7425-2	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,000	75-R6406	
Fig. 25	THF-88-7425-2	White	1.000 (25.4)	0.750 (19.1)	-	0.875 (22.2)	2.300 (58.4)	2	2,000	75-R6406	
Fig. 2	THF-179-7425-2	White	1.000 (25.4)	1.000 (25.4)	-	1.100 (27.9)	1.200 (30.5)	1	2,000	75-R6406	
Fig. 25	THF-255-7425-2	White	1.300 (33.0)	0.600 (15.2)	-	0.700 (17.8)	1.500 (38.1)	1	2,000	75-R6402	
Fig. 25	THF-37-7425-2	White	1.500 (38.1)	0.500 (12.7)	-	0.600 (15.2)	3.350 (85.0)	2	2,000	75-R6402	
Fig. 2	THF-136-7425-2	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	2,000	75-R6400	
Fig. 2	THF-235-7425-2	White	1.500 (38.1)	1.000 (25.4)	-	1.100 (27.9)	1.700 (43.2)	1	2,000	75-R6400	
Fig. 2	THF-268-7425-2	White	1.500 (38.1)	1.750 (44.5)	-	1.875 (47.5)	1.700 (43.2)	1	2,000	75-R6400	
Fig. 2	THF-251-7425-2	White	1.540 (39.1)	0.500 (12.7)	-	0.600 (15.2)	1.740 (44.2)	1	2,000	75-R6406	
Fig. 2	THF-151-7425-2	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	2,000	75-R6400	
Fig. 2	THF-53-7425-2	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	2,000	75-R6400	
Fig. 2	THF-137-7425-2	White	2.000 (50.8)	1.000 (25.4)	-	1.200 (30.5)	2.200 (55.9)	1	2,000	75-R6400	



# Printer Specifications

<b>Model(s):</b>	17500
<b>Model name</b>	Center Justified
<b>Media alignment</b>	7000+ labels per day, 7 days per week
<b>Volume guidelines**</b>	
<b>Smart Operating Mode:</b>	
<b>Smart vs manual operation</b>	<b>Smart Mode:</b> When using 175-series label and ribbon rolls <b>Manual Mode:</b> When using non-175-series label and ribbon rolls
<b>LabelSense™ Print Technology</b>	Yes — using 175-series rolls the printer reads smart chip on supplies for no-waste printing; requires no calibration of blank labels; has pre-optimized heat and speed settings and features auto label setup in Brady software
<b>Sensor, speed and heat adjustments</b>	When using 175-series rolls no calibration required; no wasted labels Sensor location, sensor mode, speed and heat settings are auto-set
<b>Media loading / handling (Smart Mode)</b>	<b>Labels:</b> Open core roll with 175 smart chip, feed material into guides, 20-second changeover, no need to set sensor or calibrate <b>Ribbon:</b> On a cartridge, slides into facing slot, 20-second changeover
<b>Media loading / handling (Manual Mode)</b>	<b>Labels:</b> Open core non-smart roll, feed material into guides, set sensor <b>Ribbon:</b> Open core roll, slide into place. Web center must check re-side
<b>Print Head / Printing Characteristics:</b>	
<b>Print resolution</b>	300 dpi 600 dpi
<b>Print method</b>	Thermal transfer (300 or 600 dpi) Direct thermal (300 dpi - material dependent)
<b>Cutter type / auto cutter</b>	Auto cutters optional (for Standard config. only)
<b>Print color capability</b>	Single color
<b>Print speed</b>	<b>Smart Mode</b> up to 17 in./sec - die cuts (300 dpi) up to 12 in./sec - continuous (300 dpi) <b>Manual Mode / Partial Smart Mode</b> up to 10 in./sec - die cuts (300 dpi) up to 12 in./sec - continuous (300 dpi)
<b>Print width (max, cross-web)</b>	4.16 in.
<b>Print length (max, down-web)</b>	60 in. (continuous media) 12 in. (die-cut media)
<b>Print job interrupt options</b>	Resume print job where pause or interruption occurs, or select specific label in job
<b>Printhead replacement</b>	User replaceable to same or different dpi with no firmware update Use only Brady printheads #177722 (300 dpi)
<b>Print roller replacement</b>	Field replaceable (T-20 wrench required)
<b>Print on demand</b>	Yes
<b>Print pause</b>	Yes
<b>Print job list on stand-alone printer</b>	Yes — Brady Workstation print jobs can be saved to printer for later or printer selection Stand-alone printer print jobs are not saved to print jobs from unwanted printing.

<b>Label Media Characteristics:</b>	
<b>Media roll core i.d.</b>	3 in.
<b>Media roll o.d. (max)</b>	8.5 in. (with rear housing removed) 10 in. (with rear housing removed)
<b>Internal rewind roll core i.d.</b>	1.5 in. cardboard core
<b>Internal rewind roll o.d. (max)</b>	5.6 in.
<b>Label roll types</b>	Gapped Nadrad Continuous Black Mark
<b>Label length (down-web)**</b>	0.25 in. to 12 in. (die-cut media) 0.40 in. minimum (cut label length)
<b>Media width (cross-web, including liner)</b>	0.17 in. to 4.49 in.
<b>Media thickness*</b>	0.0294 in. to 0.031 in. (max label media) 0.0276 in. max (B-533 media) 0.02 in. to 0.043 in. max (heat shrink sleeves) Max thickness 0.077 in.
<b>Media roll winding</b>	Outside or inside
<b>Media parts offering</b>	4,000+ stock parts and custom (made-to-spec) parts
<b>Media styles</b>	Die cut media, continuous media, open core roll-fed media, fanfold media (external feed), tagstock (liner-mounted), tagstock (liners), shrink sleeves (single sided and double sided with re-insert), continuous re-inking sleeves (partially flatter), self-laminating cable labels, zip-tie cable tags. Some media styles not available with 175-series smart technology.
<b>Media material types</b>	PE (polyethylene), PET (polyester), PET Metallized, PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PP (polypropylene), P (polyimide), polyethylene (Hestac™), resins, other push button material, paper, destructible materials, temper-evident and tamper-resistant materials; other materials not listed
<b>Ribbon Characteristics:</b>	
<b>Ribbon length (max)</b>	994 ft. (175-series smart ribbons) 1500 ft. (manual ribbons)
<b>Ribbon roll o.d. (max)</b>	3.15 in. (175-series smart ribbons) 3.54 in. (manual ribbons)
<b>Ribbon roll core i.d.</b>	1 in. (manual ribbons)
<b>Ribbon width (max, cross-web)</b>	4.5 in.
<b>Ink side</b>	Outside wound
<b>Display Interface:</b>	
<b>Display type</b>	Color LCD touchscreen
<b>Display size (diagonal)</b>	7 in. (177.80 mm)
<b>Display resolution (H x W)</b>	600 x 1024 pixels
<b>Display languages</b>	Bahasa Indonesia, Bahasa Melayu, Bulgarian, Chinese (simplified), Chinese (traditional), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Slovenian, Spanish, Swedish, Turkish, Thai, Vietnamese

<b>Display Interface: (Continued)</b>	
<b>Display status bar</b>	Installed ribbon and label part numbers, amount of supplies remaining, Wi-Fi connection, Ethernet connection, USB connection, receiving data icon, ready state / error state, time, Bluetooth connection (future functionality)
<b>Software and Firmware:</b>	
<b>Label creation software</b>	Brady Workstation (v4.21 or newer) and Brady Workstation apps (latest updates)
<b>Windows® drivers</b>	Windows 8.1, 10, 11 Server 2012, 2012 R2, 2016
<b>Printer command language emulation</b>	ZPL — scripting commands for programming & prompts onto the printer
<b>Printer compiler language</b>	C++ — for placing embedded logic
<b>Printer administration / monitoring</b>	Web-based remote access (future functionality) allows printer control, configuration, time/date synchronization, and will send printer status, and error messages to users
<b>Interfaces and Connectivity:</b>	
<b>PC connection port</b>	1 x USB 2.0 hi-speed device port Ethernet
<b>USB host ports</b>	3 x USB 2.0 type A host port (1 front, 2 back) 1 x 40-pin socket connector (front lower panel) For peripheral accessory connection only (e.g. Auto Cutter, Label Taken Sensor, etc.)
<b>Accessory Port</b>	1 x Digital I/O (back panel - optional) DS-295F connector (standard) 24V-compatible digital I/O ports
<b>I/O Port</b>	Wireless Wi-Fi 802.11b/g/n (wireless model only) Bluetooth 5.0
<b>Electronics:</b>	
<b>Processor</b>	32-bit, 1 GHz clock rate
<b>Memory (RAM)</b>	512 MB
<b>Data storage (FFS)</b>	32 GB
<b>Internal battery</b>	For internal date & time (RTC)
<b>Data storage when power off</b>	Yes
<b>Physical / Operational Characteristics:</b>	
<b>Dimensions (closed) (HxWxD)</b>	14.6 in. x 11.5 in. x 20.9 in. (372.0 mm x 291.6 mm x 530.0 mm)
<b>Weight (empty)</b>	40 lbs
<b>Power supply</b>	100-240 VAC, 50/60 Hz, PFC
<b>Power consumption</b>	<10W standby / 150W typical / 300W max
<b>Operating environment</b>	10 - 40°C / 10 - 85% RH non-condensing
<b>Storage environment</b>	20 - 50°C / 15 - 90% RH non-condensing
<b>Transport environment</b>	20 - 50°C / 15 - 90% RH non-condensing
<b>Agency approvals</b>	CE, FCC class A, cUL, Contact Brady for up-to-date list of environmental compliance information and agency approval and/or marks covering over 75 countries (awarded or applied for)

<b>Fonts and Graphics:</b>	
<b>Character sets</b>	Windows 1250 to 1252, 1254, 1257, DOS 852, 857, 866, 869, EBC DIC 800, ISO 8859-1 to 9-1, 11, 13, 15 and 16, UTF8, Macintosh, Roman, DEC MCS, KOI8-R, all west and east european characters and Latin, Cyrillic, simplified Chinese, traditional Chinese and Thai characters are supported
<b>Font types (resident)</b>	Arial, BradyBotCond, Noto Sans, Noto Sans Thai, Times New Roman
<b>Font types (stratable to printer)</b>	TrueType fonts stratable to printer via jump drive
<b>Font attributes</b>	Bold, italic, underlined, negative, subscript, superscript, 6 and 9 underscore, expand/condense, line height
<b>Font scaling (vector &amp; TrueType)</b>	Width & height range: 0.35 in. to 5.04 in. Zoom factor: Variable (dot-by-dot) Rotation: 0°, 90°, 180°, 270°
<b>Graphic elements</b>	Arrow, line, multiple lines, resample, rounded rectangle, square, circle, ellipse, diamond, star, triangle, rounded triangle, seal, octagon
<b>Graphic formats</b>	BMP, GIF, JPEG, PNG
<b>Barcodes:</b>	
<b>Barcode symbologies - 2D</b>	Aztec, DataMatrix, GS1, DataMatrix, MicroPDF417, PDF417, QR
<b>Barcode symbologies - linear</b>	Codebar, Code 39, Code 39 Full ASCII, Code 93, Code 93 Full ASCII, Code 128 A, B, C, EAN-8/Jan 8, EAN-8/Jan 8 EX 2, EAN-9/Jan 8 EX 5, EAN-13/Jan 13, EAN-13/Jan 13 EX 2, EAN-13/Jan 13 EX 5, GS1-128, HIBC, Interleaved 2 of 5, ITF-14, UPCA, UPC-E
<b>Barcode attributes</b>	String, variable in height, modular width and ratio Rotation: 0°, 90°, 180°, 270°
<b>Options / Accessories:</b>	
<b>Replacement printheads</b>	Brady printheads #177722 (300 dpi) No other printheads approved for use.
<b>Replacement print rollers</b>	Variable widths to improve printhead protection with narrow supplies - field installable***
<b>Auto cutter</b>	Full-out auto cutter and part-out auto cutter available; field-installable to front panel
<b>Label Taken Sensor (Peel config only)</b>	For auto advance and print on peel model printer Field installable to front of printer****
<b>I/O Interface</b>	Field installable to rear of printer

\* Peel mode printing by definition requires empty tier takeup and therefore some blank labels may be produced for additional model completion purposes only. Assume fields but not on 1 in. x 2 in. polyester labels. Actual results vary depending on combination of material, turn and speed settings, label content, ambient temperature and length of print run.

\*\* User should test to the application. Print performance on small parts or parts smaller than a printer's minimum label dimension spec is dependent on multiple factors including print speed, quantity in print run, heat setting, and the size / layout of the printed elements.

\*\*\* To avoid excessive printhead wear, print roller should be wider than label media and ribbon should be wider than roller. This prevents excessive printhead against exposed roller.

\*\*\*\* User should test to the application. Print & peel mode printing requires a field installable auto cutter, including an auto cutter and a label taken sensor. The auto cutter and label taken sensor are sold separately. (Spring 2025)

\*\*\*\*\* Windows®, Microsoft, the Microsoft logo, and Windows are registered trademarks of Microsoft Corporation. Intel®, the Intel logo, and Intel are registered trademarks of Intel Corporation. ZPL is a registered trademark of Zebra Technologies Corporation.







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