



The TLS Thermal Labelling Systems both deliver permanent, quick and clear printing, label after label. With thermal transfer printing there is no need to handle your materials delicately, there's no smearing!

The systems automatically recognise label sizes and printer settings and have a built-in cutter, eliminating wasted time and materials. Both printers can be used with a wide range of materials, available in over 350 label sizes, including die cut labels, self-laminating markers, sleeves and continuous tape.

Connect a TLS system to your PC and use the Labelmark™ software to import graphics, create templates, print bar code symbologies and import label lists using ASCII and ODBC data import capabilities

## TLS2200™

THERMAL LABELING SYSTEM

Its many features make the TLS2200 the ideal tool for electrical, tele & data communication and industrial applications:

- Most versatile & powerful portable labelling system available
- Light weight
- Bar coding capability
- Internal memory to create and save legends in lists
- PC connectivity using the optional Labelmark software
- Banner printing (up to 1.3 m)
- Labels up to 50.8 mm width and maximum print width of 46 mm
- Fixed length & step printing
- Electrical and datacom symbols



**TLS THERMAL LABELLING SYSTEMS:  
THE ULTIMATE ANSWER TO YOUR  
TOUGHEST LABELLING CHALLENGES**



## TLS PCLink™

THERMAL LABELING SYSTEM



With the TLS PCLink, Brady offers you the most compact professional desktop labelling system available. The TLS PCLink is the ideal economical choice if you have no need for a portable solution and you prepare your labelling projects at your desk.

- Includes Labelmark software
- Can be used with any Windows™ based software
- Own programming language can be integrated with non-windows based equipment
- AC power supply automatically charges battery
- Print length up to 152.4mm

### Bulk Labels

The perfect low volume labelling solution (up to 500 labels per day), the Bulk labels come in a reusable dispenser box, protecting the labels from dust and debris and allowing easy storage until the next identification job.



## APPLICATIONS

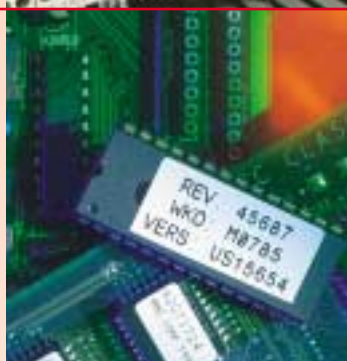
Industrial  
bar code  
labelling



Heat shrink  
sleeving &  
general ID



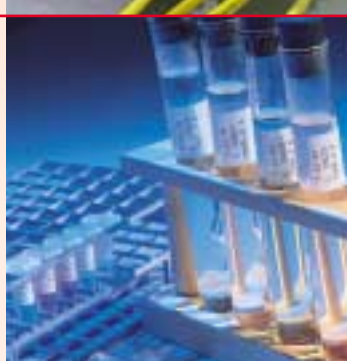
Electronic  
component  
labelling



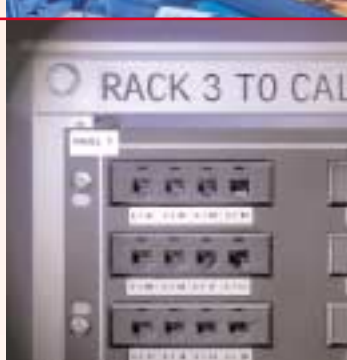
Data  
communications  
equipment labels



Laboratory  
sample  
labelling



racks clearly  
identified





## TLS2200™

THERMAL LABELING SYSTEM

**TLS2200-EUR** Printer system includes hard case, R-6210 ribbon, battery pack, battery charger, manual, communications cable, test labels (PTL-19-423), one cleaning card, quick start guide

**TLS2200-UK** As above but with UK adapter instead of European

**TLS2200-AC-EUR** AC adapter – Europe

**TLS2200-AC-UK** AC adapter – UK

**TLS2200-BC-EUR** Battery charger – Europe

**TLS2200-BC-UK** Battery charger – UK

**TLS2200-BP** Battery pack

**TLS2200-HC** Hard side carrying case

**TLS2200-SC** Soft side users case

**TLS2200-CABLE** Communications cable

**PCK-5** Cleaning kit (includes 5 cleaning cards)



## TLSPC Link™

THERMAL LABELING SYSTEM

**TLSPC-EUR/UK** Printer system includes LABELMARK™ labelling software, battery pack, AC adapter/battery charger, R-6210 ribbon, sample labels (PTL-19-423), manual, Quick Start Guide, communications cable and Windows drivers.

**TLS-ACINTL** AC adapter/Battery charger

**TLSPC-BP** Battery pack

**TLSPC-CABLE** Communications cable

**PCK-5** Cleaning kit (includes 5 cleaning cards)

●	Recommended ribbon for use with respective material
▲	Acceptable ribbon for use with respective material
UL	This material is UL recognised with its respective ribbon
CSA	This material is CSA accepted with its respective ribbon
UL/CSA	This materials is UL recognised and CSA accepted with its respective ribbon
HF	Halogen Free (DIN VDE 0472/part 815)
*	R-6210 ribbon included with printer

## RIBBONS

### Thermal Labelling System Ribbon

R-4310	Wax-resin black ribbon	22.9 m
R-6010	Resin black ribbon	22.9 m
R-6210	Resin black ribbon	22.9 m
R-4410B	Resin blue ribbon	22.9 m
R-4410R	Resin red ribbon	22.9 m
R-4410W	Resin white ribbon	22.9 m

	Material	Series R-4310	Series R-4410 (colours)	Series R-6010	Series *R-6210	HF
B-109	Polyethylene			●		
B-321	Polyolefin				●	
B-342	Polyolefin	●				
B-351	Vinyl				●	
B-352	Vinyl			● UL		
B-412	Polypropylene	▲			●	
B-422	Polyester		● UL/CSA	● UL/CSA	▲	
B-423	Polyester		● UL/CSA	● UL/CSA	▲	●
B-424	Paper	●				
B-425	Polyolefin	●				●
B-426	Polyimide	●				
B-427	Vinyl	● UL			●	
B-428	Polyester	● UL/CSA				●
B-430	Polyester		● UL/CSA	● UL/CSA	▲	
B-432	Polyester		● UL/CSA	● UL/CSA		
B-435	Polyester		● UL/CSA	● UL/CSA		
B-437	Tedlar®	●			▲	
B-439	Vinyl			●	▲	
B-457	Polyimide		● UL	● UL		
B-459	Polyester		● UL/CSA	● UL/CSA		
B-461	Polyester	●			▲	
B-473	Polyester		● UL/CSA	● UL/CSA	▲	
B-477	Polyimide		● UL	● UL	▲	
B-483	Polyester		● UL/CSA	● UL/CSA	▲	
B-486	Polyester	● UL/CSA				
B-488	Polyester	● UL/CSA			▲ UL/CSA	
B-489	Polyester	● UL/CSA				
B-498	Vinyl Cloth	▲			● UL	
B-499	Nylon Cloth	● UL/CSA			▲	●
B-642	Tedlar®	●			▲	
B-7546	Polyester			● UL/CSA		
B-7551	Polyester	▲			●	
B-7576	Polyester			● UL		
B-7595	Polyethylene Polyurethane Foam	●			●	
B-7596	Vinyl	▲			●	

Tedlar® is a registered trademark of Dupont

## PART NUMBER EXPLANATION

Most BRADY references for printable labels follow the same three-part format:

The first code indicates the technology, the second part is a number indicating the label size (where applicable) and the third part indicates the BRADY material (where applicable).

**PTL-21-427**

TLS technology

Label Size

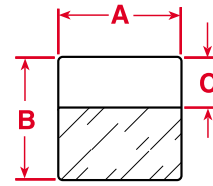
Material (B-number)



## SELFLAMINATING LABELS



Self-Laminating Vinyl (B-427),  
Self-Laminating Tedlar® (B-642)



Reference	Labels Per Roll	Label Dimensions		Write-On C (mm)	Max. Characters Per Line for Font:			Max. Lines Of Text for Font:			Recommended Ribbon Series	Applications
		A (mm)	B (mm)		2	7	10	2	7	10		
<b>MAXIMUM WIRE/CABLE DIAMETER 2.80 MM</b>												
PTL-74-427	100	55.88	12.70	19.05	18	7	5	5	2	1	R-4310	
<b>MAXIMUM WIRE/CABLE DIAMETER 4.10 MM</b>												
PTL-10-427*	750	6.35	19.05	9.53	5	2	1	3	1	1	R-4310	
PTL-11-427*	500	12.70	19.05	9.53	11	5	3	3	1	1	R-4310	
BPTL-11-427	5000	12.70	19.05	9.53	11	5	3	3	1	1	R-4310	
PTL-96-427	250	25.40	19.05	9.53	24	10	7	3	1	1	R-4310	
<b>MAXIMUM WIRE/CABLE DIAMETER 5.30 MM</b>												
PTL-17-427*	500	12.70	25.40	9.53	11	5	3	3	1	1	R-4310	
BPTL-17-427	5000	12.70	25.40	9.53	11	5	2	3	1	1	R-4310	
PTL-18-427*	250	19.05	25.40	9.53	18	7	5	3	1	1	R-4310	
BPTL-18-427	2500	19.05	25.40	9.53	18	7	5	3	1	1	R-4310	
PTL-19-427**	250	25.40	25.40	9.53	24	10	7	3	1	1	R-4310	2 pair Fiber, Coax, Single/Multi-Mode
BPTL-19-427	2500	25.40	25.40	9.53	24	10	7	3	1	1	R-4310	2 pair Fiber, Coax, Single/Multi-Mode
PTL-19-642	250	25.40	25.40	9.53	24	10	7	3	1	1	R-4310	2 pair Fiber, Coax, Plenum grade
PTL-104-427	250	38.10	25.40	9.53	37	15	10	3	1	1	R-4310	2 pair Fiber, Coax, Single/Multi-Mode
PTL-87-427	250	44.45	25.40	9.53	21	11	7	3	1	1	R-4310	Fiber, Coax
PTL-75-427	100	66.68	25.40	25.40	24	10	7	10	5	3	R-4310	
<b>MAXIMUM WIRE/CABLE DIAMETER 6.64 MM</b>												
PTL-28-427**	750	6.35	38.10	12.70	5	2	1	5	2	1	R-4310	
PTL-29-427**	500	12.70	38.10	12.70	11	5	3	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
BPTL-29-427	5000	12.70	38.10	12.70	11	5	3	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
PTL-102-427	250	12.70	31.75	9.53	11	5	3	3	3	1	R-4310	CAT-5, 4 pair UTP Copper
PTL-30-427**	250	19.05	38.10	12.70	18	7	5	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
BPTL-30-427*	2500	19.05	38.10	12.70	18	7	5	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
PTL-31-427**	250	25.40	38.10	12.70	24	10	7	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
BPTL-31-427	2500	25.40	38.10	12.70	24	10	7	5	2	1	R-4310	CAT-5, 4 pair UTP Copper
PTL-31-642	250	25.40	38.10	12.70	24	10	7	5	2	1	R-4310	CAT-5, Plenum grade
PTL-103-427	250	25.40	31.75	12.70	24	10	7	5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
PTL-32-427**	250	38.10	38.10	12.70	37	15	10	5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
BPTL-32-427*	1000	38.10	38.10	12.70	37	15	10	5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
PTL-106-427	15M	38.10	CONTINUOUS	12.70				5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
PTL-88-427	250	44.45	38.10	12.70	40	16	11	5	2	1	R-4310	Fiber, Coax
PTL-107-427	100	50.80	38.10	12.70	46	19	13	5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
BPTL-107-427	1000	50.80	38.10	12.70	46	19	13	5	2	1	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
<b>MAXIMUM WIRE/CABLE DIAMETER 11.06 MM</b>												
PTL-21-427**	100	25.40	63.50	19.05	24	10	7	8	4	2	R-4310	25 pair Copper, 4-12 pair Fiber/Coax
BPTL-21-427	1000	25.40	63.50	19.05	24	10	7	8	4	2	R-4310	25 pair Copper, 4-12 pair Fiber/Coax
PTL-21-642	100	25.40	63.50	19.05	24	10	7	8	4	2	R-4310	25 pair Copper, Plenum grade
<b>MAXIMUM WIRE/CABLE DIAMETER 14.94 MM</b>												
PTL-64-427***	50	25.40	85.73	28.58	24	10	7	12	12	8	R-4310	CAT-5, 4 pair UTP Copper, Fiber, Coax
PTL-66-427	100	49.23	80.00	25.40							R-4310	Backbone
<b>MAXIMUM WIRE/CABLE DIAMETER 17.71 MM</b>												
PTL-23-427**	100	25.40	101.60	25.40	24	10	7	10	5	3	R-4310	50 pair Copper, 24 pair Fiber, Backbone
BPTL-23-427	1000	25.40	101.60	25.40	24	10	7	10	5	3	R-4310	50 pair Copper, 24 pair Fiber, Backbone
PTL-33-427**	100	38.10	101.60	25.40	37	15	10	10	5	3	R-4310	50 pair Copper, 24 pair Fiber, Backbone
BPTL-33-427	500	38.10	101.60	25.40	37	15	10	10	5	3	R-4310	50 pair Copper, 24 pair Fiber, Backbone
<b>MAXIMUM WIRE/CABLE DIAMETER 26.56 MM</b>												
PTL-34-427**	50	38.10	152.40	38.10	37	15	10	3	1	1	R-4310	100 pair Copper, 36 pair Fiber, Backbone
BPTL-34-427	500	38.10	152.40	38.10	37	15	10	3	1	1	R-4310	100 pair Copper, 36 pair Fiber, Backbone

Tedlar® is a registered trademark of DuPont.

\* Also available in YL = Yellow

\*\* Also available in BL = Blue, BR = Brown, GR = Green, GY = Grey, OR = Orange, PL = Purple, RD = Red, YL = Yellow

To order a colour, add a dash "-" after the reference, then add the colour suffix.

\*\*\* PTL-64-427 has to write-on areas, one at each end of the label

BL	Blue, for horizontal cable terminations
BR	Brown, for campus backbone cable terminations
GR	Green, network connections
GY	Gray, for backbone cable between intermediate cross-connect and telecommunications closet
OR	Orange, central office termination
PL	Purple, major switching and data equipment terminations
RD	Red, for all key telephone equipment terminations
YL	Yellow, for auxiliary, maintenance, alarms, security, etc.



1 Apply the printed area to your wire



2 Wrap the clear area around the wire, covering the printed area



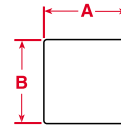
3 Once applied the clear laminate will protect your legend for years to come

# WIRE & CABLE MARKING

## WIRE & CABLE MARKING LABELS



**Repositionable Vinyl Cloth (B-498),  
Nylon Cloth (B-499),**



Reference	Labels Per Roll	Label Dimensions		Max. Characters Per Line for Font:			Max. Lines Of Text for Font:			Recommended Ribbon Series
		A (mm)	B (mm)	2	7	10	2	7	10	
<b>MAXIMUM WIRE/CABLE DIAMETER 2.80 MM</b>										
PTL-7-498	500	12.70	12.70	11	5	3	5	2	1	R-6210
PTL-7-499	500	12.70	12.70	11	5	3	5	2	1	R-4310
<b>MAXIMUM WIRE/CABLE DIAMETER 4.10 MM</b>										
PTL-10-498	750	6.35	19.05	5	2	1	3	1	1	R-6210
PTL-11-498	500	12.70	19.05	11	5	3	8	4	2	R-6210
BPTL-11-498	5000	12.70	19.05	11	5	3	8	4	2	R-6210
PTL-11-499	500	12.70	19.05	11	5	3	8	4	2	R-4310
BPTL-11-499	5000	12.70	19.05	11	5	3	8	4	2	R-4310
<b>MAXIMUM WIRE/CABLE DIAMETER 5.30 MM</b>										
PTL-16-498	500	9.52	25.40	8	3	2	10	5	3	R-6210
PTL-16-499	500	9.52	25.40	8	3	2	10	5	3	R-4310
PTL-17-498	500	12.70	25.40	11	5	3	3	1	1	R-6210
PTL-18-498	250	19.05	25.40	18	7	5	10	5	3	R-6210
BPTL-18-498	2500	19.05	25.40	18	7	5	10	5	3	R-6210
PTL-18-499	250	19.05	25.40	18	7	5	10	5	3	R-4310
PTL-19-498	250	25.40	25.40	24	10	7	10	5	3	R-6210
BPTL-19-498	2500	25.40	25.40	24	10	7	10	5	3	R-6210
PTL-19-499	250	25.40	25.40	24	10	7	10	5	3	R-4310
<b>MAXIMUM WIRE/CABLE DIAMETER 6.64 MM</b>										
PTL-28-498	750	6.35	38.10	5	2	1	16	8	5	R-6210
PTL-28-499	750	6.35	38.10	5	2	1	16	8	5	R-4310
PTL-29-498	500	12.70	38.10	11	5	3	16	8	5	R-6210
BPTL-29-498	5000	12.70	38.10	11	5	3	16	8	5	R-6210
PTL-29-499	500	12.70	38.10	11	5	3	16	8	5	R-4310
PTL-30-498	250	19.05	38.10	18	7	5	16	8	5	R-6210
PTL-30-499	250	19.05	38.10	18	7	5	16	8	5	R-4310
PTL-31-498	250	25.40	38.10	24	10	7	16	8	5	R-6210
PTL-31-499	250	25.40	38.10	24	10	7	16	8	5	R-4310
PTL-32-498	250	38.10	38.10	37	15	10	5	2	1	R-6210
<b>MAXIMUM WIRE/CABLE DIAMETER 11.06 MM</b>										
PTL-21-498	100	25.40	63.50	24	10	7	8	4	2	R-6210
PTL-21-499	100	25.40	63.50	24	10	7	8	4	2	R-4310
<b>MAXIMUM WIRE/CABLE DIAMETER 17.71 MM</b>										
PTL-23-498	100	25.40	101.60	24	10	7	8	4	2	R-6210
PTL-23-499	100	25.40	101.60	50	42	28	9	5	3	R-4310
<b>MAXIMUM WIRE/CABLE DIAMETER 26.56 MM</b>										
PTL-34-498	50	38.10	152.40	37	15	10	64	32	21	R-6210

## FIBRE OPTIC LABELS



**Fibre Optic Labels (B-425) Flag**

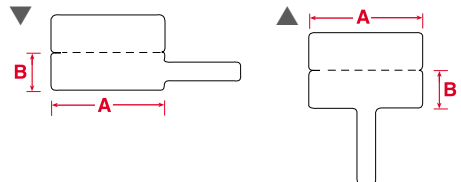


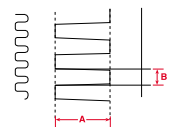
Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Max. Characters Per Line For Font			Max. Lines For Font			Recommended Ribbon Series
			A (mm)	B (mm)		2	7	10	2	7	10	
▲	PTLFP-01-425	250	30.00	10.00	Pig-tail & single fibre ID	26	12	8	3	2	1	R-4310
▼	PTLFT-01-425	250	30.00	10.00	Pig-tail & single fibre ID	26	12	8	3	2	1	R-4310

## DURASLEEVE™ WIRE MARKING SLEEVES & CARRIERS



**Vinyl Tag Material (B-7596)**

The DURASLEEVE™ markers solution consist of two components: a transparent tube (carrier) with a label pocket and an insert to slide into this pocket. Your legend is at all times protected by the tube and can easily be replaced. Print the inserts on a Brady system to ensure clean crisp readable legends every time.



Reference	Inserts Per Roll	Insert Dimensions		Max. Characters Per Line for Font:			Max. Lines Of Text for Font:			Recommended Ribbon Series
		A (mm)	B (mm)	2	7	10	2	7	10	
PTDSU-15-7596	2500	15.00	4.20	14	0	0	1	0	0	R-6210
PTDSU-15-7596-YL	2500	15.00	4.20	14	0	0	1	0	0	R-6210
PTDSU-30-7596	2500	30.00	4.10	27	0	0	1	0	0	R-6210
PTDSU-30-7596-YL	2500	30.00	4.10	27	0	0	1	0	0	R-6210

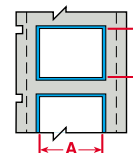
### CARRIER

Reference	Carrier Length (mm)	Wire diameter (mm)	Carriers per Box	Reference	Carrier Length (mm)	Wire diameter (mm)	Carriers per Box
DMC-1.5/2.5-15	15.00	1.5 - 2.5	1000	DMC-4/7-15	15.00	4.0 - 7.0	500
DMC-1.5/2.5-30	30.00	1.5 - 2.5	500	DMC-4/7-30	30.00	4.0 - 7.0	200
DMC-2/4-15	15.00	2.0 - 4.0	1000	DMC-6/10-15	15.00	6.0 - 10.0	500
DMC-2/4-30	30.00	2.0 - 4.0	500	DMC-6/10-30	30.00	6.0 - 10.0	200

# PERMASLEEVE™ WIRE MARKING SLEEVES



Heat Shrinkable White Polyolefin (B-342)

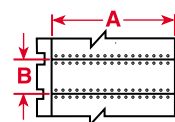


Reference	Sleeves Per Roll	Sleeve Dimensions		Wire Diameter		Max. Characters Per Line for Font:			Maximum Lines Of Text for Font:			Recommended Ribbon Series
		A (mm)	B (mm)	Min (mm)	Max (mm)	2	7	10	2	7	10	
<b>25.78 MM MARKER WIDTH</b>												
<b>WHITE 3:1 SHRINK RATIO</b>												
PSPT-094-1-W	100	25.78	4.62	0.58	2.03	22	0	0	1	0	0	R-4310
BPSPT-094-1-W	1000	25.78	4.62	0.58	2.03	22	0	0	1	0	0	R-4310
PSPT-125-1-W	100	25.78	5.96	1.17	2.79	22	0	0	1	0	0	R-4310
BPSPT-125-1-W	1000	25.78	5.96	1.17	2.79	22	0	0	1	0	0	R-4310
PSPT-187-1-W	100	25.78	8.50	1.57	3.81	22	9	0	2	1	0	R-4310
BPSPT-187-1-W	1000	25.78	8.50	1.57	3.81	22	9	0	2	1	0	R-4310
PSPT-250-1-W	100	25.78	11.15	2.39	5.46	22	9	6	3	1	1	R-4310
BPSPT-250-1-W	1000	25.78	11.15	2.39	5.46	22	9	6	3	1	1	R-4310
PSPT-375-1-W	100	25.78	16.38	3.18	8.13	22	9	6	5	2	1	R-4310
PSPT-500-1-W	100	25.78	21.61	4.75	11.43	22	9	6	7	3	2	R-4310
PSPT-1000-1-W	50	25.78	42.16	11.43	24.13	22	9	6	16	8	5	R-4310
<b>YELLOW 3:1 SHRINK RATIO</b>												
PSPT-094-1-YL	100	25.78	4.62	0.58	2.03	22	0	0	1	0	0	R-4310
PSPT-125-1-YL	100	25.78	5.96	1.17	2.79	22	0	0	1	0	0	R-4310
PSPT-187-1-YL	100	25.78	8.50	1.57	3.81	22	9	0	2	1	0	R-4310
PSPT-250-1-YL	100	25.78	11.15	2.39	5.46	22	9	6	3	1	1	R-4310
PSPT-375-1-YL	100	25.78	16.38	3.18	8.13	22	9	6	5	2	1	R-4310
PSPT-500-1-YL	100	25.78	21.61	4.75	11.43	22	9	6	7	3	2	R-4310
PSPT-1000-1-YL	50	25.78	42.16	11.43	24.13	22	9	6	16	8	5	R-4310
<b>44.83 MM MARKER WIDTH</b>												
<b>WHITE 3:1 SHRINK RATIO</b>												
PSPT-094-175-W	100	44.83	4.62	0.58	2.03	41	0	0	1	0	0	R-4310
BPSPT-094-175-W	1000	44.83	4.62	0.58	2.03	41	0	0	1	0	0	R-4310
PSPT-125-175-W	100	44.83	5.96	1.17	2.79	41	0	0	1	0	0	R-4310
BPSPT-125-175-W	1000	44.83	5.96	1.17	2.79	41	0	0	1	0	0	R-4310
PSPT-187-175-W	100	44.83	8.50	1.57	3.81	41	17	11	3	1	1	R-4310
BPSPT-187-175-W	1000	44.83	8.50	1.57	3.81	41	17	11	3	1	1	R-4310
PSPT-250-175-W	100	44.83	11.15	2.39	5.46	41	17	11	3	1	1	R-4310
BPSPT-250-175-W	1000	44.83	11.15	2.39	5.46	41	17	11	3	1	1	R-4310
PSPT-375-175-W	100	44.83	16.38	3.18	8.13	41	17	11	5	2	1	R-4310
BPSPT-375-175-W	1000	44.83	16.38	3.18	8.13	41	17	11	5	2	1	R-4310
PSPT-500-175-W	100	44.83	21.61	4.75	11.43	41	17	11	7	3	2	R-4310
BPSPT-500-175-W	1000	44.83	21.61	4.75	11.43	41	17	11	7	3	2	R-4310
PSPT-1000-175-W	50	44.83	42.16	11.43	24.13	41	17	11	16	8	5	R-4310
BPSPT-1000-175-W	500	44.83	42.16	11.43	24.13	41	17	11	16	8	5	R-4310
<b>YELLOW 3:1 SHRINK RATIO</b>												
PSPT-094-175-YL	100	44.83	4.62	0.58	2.03	41	0	0	1	0	0	R-4310
PSPT-125-175-YL	100	44.83	5.96	1.17	2.79	41	0	0	1	0	0	R-4310
BPSPT-125-175-YL	1000	44.83	5.96	1.17	2.79	41	0	0	1	0	0	R-4310
PSPT-187-175-YL	100	44.83	8.50	1.57	3.81	41	17	11	3	1	1	R-4310
BPSPT-187-175-YL	1000	44.83	8.50	1.57	3.81	41	17	11	3	1	1	R-4310
PSPT-250-175-YL	100	44.83	11.15	2.39	5.46	41	17	11	3	1	1	R-4310
BPSPT-250-175-YL	1000	44.83	11.15	2.39	5.46	41	17	11	3	1	1	R-4310
PSPT-375-175-YL	100	44.83	16.38	3.18	8.13	41	17	11	5	2	1	R-4310
PSPT-500-175-YL	100	44.83	21.61	4.75	11.43	41	17	11	7	3	2	R-4310
PSPT-1000-175-YL	50	44.83	42.16	11.43	24.13	41	17	11	16	8	5	R-4310

# BRADYSLEEVE™ WIRE MARKING SLEEVES



Heat Shrinkable White Polyolefin (B-321)



Reference	Sleeves Per Roll	Sleeve Dimensions		Wire Diameter		Max. Characters Per Line for Font:			Maximum Lines Of Text for Font:			Recommended Ribbon Series
		A (mm)	B (mm)	Min (mm)	Max (mm)	2	7	10	2	7	10	
<b>11.43 MM SLEEVE WIDTH</b>												
PTS.45-350-321	500	11.43	8.89	1.90	4.06	9	3	0	2	1	0	R-6210
PTS.45-500-321	500	11.43	12.70	4.06	5.97	9	3	2	4	2	1	R-6210
<b>24.13 MM SLEEVE WIDTH</b>												
PTS.95-350-321	500	24.13	8.89	1.90	4.06	21	9	0	2	1	0	R-6210
PTS.95-500-321	500	24.13	12.70	4.06	5.97	21	9	6	4	2	1	R-6210
PTS.95-750-321	250	24.13	19.05	8.51	9.91	21	9	6	7	3	2	R-6210
PTS.95-1000-321	250	24.13	25.40	9.53	13.72	21	9	6	10	5	3	R-6210
<b>48.26 MM SLEEVE WIDTH</b>												
PTS1.90-350-321	500	48.26	8.89	1.90	4.06	44	18	0	2	1	0	R-6210
PTS1.90-500-321	500	48.26	12.70	4.06	5.97	44	18	12	4	2	1	R-6210
PTS1.90-750-321	250	48.26	19.05	8.51	9.91	44	18	12	7	3	2	R-6210
PTS1.90-1000-321	250	48.26	25.40	9.53	13.72	44	18	12	10	5	3	R-6210

Note: Labels are sorted in order by width, height, 3 digit material number (within reference).

## ELECTRICAL APPLICATION LABELS

## BRADYTAGS® PRINTABLE TAGS



Polyethylene (B-109)

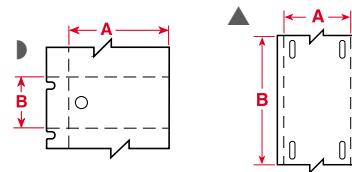
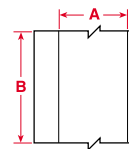


Diagram	Reference	Tags per Roll	Tag Dimensions		Maximum Characters Per Line for Font:			Maximum Lines of Text for Font:			Applications/Description	Recommended Ribbon Series
			A mm	B mm	2	7	10	2	7	10		
▲	PTL-60-109	100	12.00	50.00	41	17	11	5	2	1	Product ID for harsh environments/tear resistant	R-4310
▲	PTL-12-109	100	19.05	76.20	45	19	12	6	3	2	Product ID for harsh environments/tear resistant	R-4310
▲	BPTL-12-109	1000	19.05	76.20	45	19	12	6	3	2	Product ID for harsh environments/tear resistant	R-4310
▶	PTL-36-109	250	44.45	28.57	34	14	9	12	6	4	Product ID for harsh environments/tear resistant	R-4310



Cables ties available from page 209

## TERMINAL BLOCK MARKERS

Repositionable Vinyl Cloth (B-498)  
Translucent Polyester (B-7551)

Reference	Roll Length (m)	Label Dimensions		Max.characters Per Line for Font:			Max.Lines Of Text for Font:			Recommended Ribbon Series
		A (mm)	B (mm)	2	7	10	2	7	10	
PTLTB-5-7551	15m	4.50	continuous	4	2	1	-----	N/A	-----	R-6210
PTLTB-498-240	9m	6.09	continuous	5	2	1	-----	N/A	-----	R-6210
BPTLTB-498-240	91m	6.09	continuous	5	2	1	-----	N/A	-----	R-6210
PTLTB-8-7551	15m	8.00	continuous	7	3	2	-----	N/A	-----	R-6210
PTLTB-498-318	9m	8.07	continuous	7	3	2	-----	N/A	-----	R-6210
BPTLTB-498-318	91m	8.07	continuous	7	3	2	-----	N/A	-----	R-6210
PTLTB-498-375	9m	9.53	continuous	8	3	2	-----	N/A	-----	R-6210
BPTLTB-498-375	91m	9.53	continuous	8	3	2	-----	N/A	-----	R-6210

## ELECTRICAL COMPONENT MARKERS

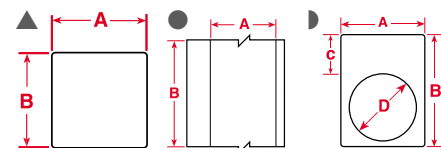
Nylon Cloth (B-499)  
Polyethylene-Foam laminate (B-7595)  
Polypropylene (B-412)

Diagram	Reference	Labels Per Roll	Label Dimensions		C (mm)	D (mm)	Max.Characters Per Line for Font:			Max.Lines Of Text for Font:			Recommended Ribbon Series
			A (mm)	B (mm)			2	7	10	2	7	10	
●	PTL-57-412	15m	12.70	continuous			50	50	50	5	2	1	R-6010
▲	PTL-67-499-YL	750	15.00	9.00			14	5	3	3	1	1	R-4310
▲	PTL-47-499-YL	750	20.00	8.00			18	7	5	2	1	0	R-4310
●	PTLEP-01-7595	250	27.00	8.00			26	11	0	3	1	1	R-6210
●	PTLEP-02-7595	250	27.00	12.50			26	11	7	5	2	1	R-6210
●	PTLEP-03-7595	150	27.00	15.00			26	11	7	6	3	2	R-6210
●	PTLEP-04-7595	150	27.00	18.00			26	11	7	8	4	2	R-6210
▶	BPTLEP-05-7595	750	30.00	40.00	13	24	29	12	8	5	2	1	R-6210
▶	BPTLEP-05-7595-GN	750	30.00	40.00	13	24	29	12	8	5	2	1	R-6210
▶	BPTLEP-05-7595-RD	750	30.00	40.00	13	24	29	12	8	5	2	1	R-6210

## WORKSTATION LABELS



**Polypropylene (B-412)**  
**Permanent Glossy Polyester (B-422)**  
**Clear Polyester (B-430)**

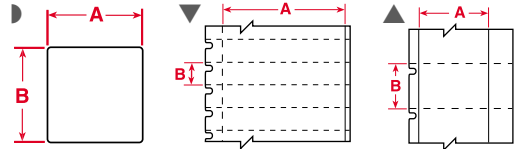


Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Per Line For Font:			Maximum Lines For Font:			Recommended Ribbon Series
			A mm	B mm		2	7	10	2	7	10	
▲	PTL-39-422	750	9.52	15.24	1-2 Outlet Faceplates	8	3	2	6	3	2	R-6010
▲	PTL-39-430	750	9.52	15.24	1-6 Outlet Faceplates	8	3	2	6	3	2	R-6010
▶	PTL-7-422	500	12.70	12.70	1-6 Outlet Faceplates	11	5	3	5	2	1	R-6010
▶	PTL-7-430	500	12.70	12.70	1-6 Outlet Faceplates	11	5	3	5	2	1	R-6010
▶	PTL-44-422	500	12.70	9.53	1-6 Outlet Faceplates	11	5	3	3	1	1	R-6010
▶	PTL-44-430	500	12.70	9.53	1-6 Outlet Faceplates	11	5	3	3	1	1	R-6010
▶	PTL-16-422	500	25.40	9.53	1-4 Outlet Faceplates	24	10	7	3	1	1	R-6010
▶	PTL-16-430	500	25.40	9.53	1-4 Outlet Faceplates	24	10	7	3	1	1	R-6010
▶	PTL-17-422	500	25.40	12.70	1-4 Outlet Faceplates	24	10	7	5	2	1	R-6010
▶	PTL-17-430	500	25.40	12.70	1-4 Outlet Faceplates	24	10	7	5	2	1	R-6010
▶	PTL-29-422	500	38.10	12.70	1-2 Outlet Faceplates	37	15	10	5	2	1	R-6010
▶	PTL-29-430	500	38.10	12.70	1-2 Outlet Faceplates	37	15	10	5	2	1	R-6010
▶	PTL-45-422	500	38.10	9.53	1-2 Outlet Faceplates	37	15	10	3	1	1	R-6010
▶	PTL-45-430	500	38.10	9.53	1-2 Outlet Faceplates	37	15	10	3	1	1	R-6010
▼	PTL-48-412	500	40.00	9.00	Insert for BTR faceplate	38	15	10	2	1	1	R-6010
▼	PTL-40-412	750	49.23	9.53	Faceplates with DESI-STRIP	40	17	11	3	1	1	R-6010
▼	BPTL-40-412	5000	49.23	9.53	Faceplates with DESI-STRIP	40	17	11	3	1	1	R-6010

## PATCH PANEL & PATCH BAY IDENTIFICATION



**Permanent Glossy Polyester (B-422)**  
**Clear Polyester (B-430)**  
**Vinyl (B-439)**  
**Translucent Polyester (B-7551)**  
**White Polypropylene (B-412)**

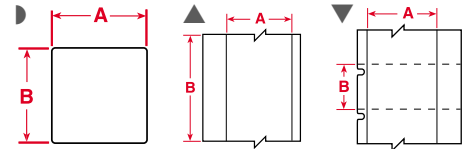


Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Per Line For Font:			Maximum Lines of Text For Font:			Recommended Ribbons Series
			A mm	B mm		2	7	10	2	7	10	
▲	PTL-55-412	continuous	5.84	15 m	Patch bay inserts continuous - Cut to Size	50	50	0	1	1	0	R-6010
▲	PTLTB-8-7551	continuous	8.00	15 m	Patch Panel - Cut to Size	7	3	2	2	1	0	R-6210
▲	PTLTB-8-422	continuous	8.00	15 m	Patch Panel - Cut to Size	7	3	2	2	1	0	R-6010
▼	PTL-39-422	750	9.53	15.24	Patch Panel	8	3	2	6	3	2	R-6010
▼	PTL-39-430	750	9.53	15.24	Patch Panel	8	3	2	6	3	2	R-6010
▲	PTL-46-422	continuous	9.53	9 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	3	1	1	R-6010
▲	PTL-46-430	continuous	9.53	9 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	3	1	1	R-6010
▲	PTL-56-412	continuous	9.53	15 m	Patch Panel insert	50	50	50	3	1	1	R-6010
▶	PTL-7-422	500	12.70	12.70	Patch Panel - Label Each Port	11	5	3	5	2	1	R-6010
▶	PTL-7-430	500	12.70	12.70	Patch Panel - Label Each Port	11	5	3	5	2	1	R-6010
▲	PTL-8-422	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-430	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-BK*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-BL*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-GR*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-OR*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-RD*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-8-439-YL*	continuous	12.70	15 m	Outlet, Patch Panel, Cont. Tape - Cut to Size	50	50	50	5	2	1	R-6010
▲	PTL-57-412	continuous	12.70	15 m	Patch Panel insert	50	50	50	5	2	1	R-6010
▲	PTL-58-412	continuous	13.59	15 m	Patch bay insert	50	50	50	5	2	1	R-6010
▲	PTL-59-412	continuous	19.94	15 m	Patch bay insert	50	50	50	8	4	2	R-6010

\* BK = Black, BL = Blue, GR = Green, OR = Orange, RD = Red, YL = Yellow



## INDUSTRIAL APPLICATION LABELS

## WHICH INDUSTRIAL LABEL FOR WHICH OF SURFACE

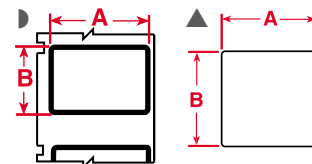
Reference	SMOOTH (uncoated metal, plastic, glass...)	TEXTURED/ROUGH (textured ABS, cast metal, polycarbonate...)	HIGHLY TEXTURED/LOW SURFACE ENERGY (powder coated, low surface energy ABS, polypropylene)
<b>PERMANENT</b> B-423* ■ B-424 B-428* ● ■ B-430 B-459* B-473* B-488	■ YES	NO	NO
<b>AGGRESSIVE</b> B-351 B-352 B-422* B-427 B-435* ● B-439 B-499	■ YES	■ YES	NO
<b>ULTRA AGGRESSIVE</b> B-483* B-486 B-489	■ YES	■ YES	■ YES

\* Material UL recognised / CSA approved ● Material AGA approved ■ Material Halogen free (DIN VDE 0472/part 815)

## RATING / NAMEPLATE LABELS



*Permanent Glossy Polyester (B-422)*  
*General Purpose White Paper (B-424)*  
*Flexible Vinyl (427)*  
*Permanent Metallized Polyester (B-428,435)*  
*Permanent Matt Polyester (B-459)*  
*Ultra-Aggressive Glossy Polyester (B-483)*  
*Ultra-Aggressive Matt Metallized Polyester (B-486)*  
*Matte Polyester (B-488)*  
*Ultra-Aggressive Matt Polyester (B-489)*  
*Nylon Cloth (B-499)*



Surface Suitability	Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Characters per Line for Font:			Maximum Lines of Text for Font:			Recomm. Ribbon Series
				A mm	B mm		2	7	10	2	7	10	
<b>12.70 MM LABEL WIDTH</b>													
■	▲	PTL-8-428	CONTINUOUS	12.70	15 m	Small ICs; silver finish	50	50	50	5	2	1	R-4310
<b>19.05 MM LABEL WIDTH</b>													
■	▲	PTL-80-424	250	19.05	22.86	General ID	50	41	30	20	10	6	R-4310
■	▲	PTL-80-488	250	19.05	22.86	Asset ID with print durability	50	41	30	20	10	6	R-4310
<b>20.00 MM LABEL WIDTH</b>													
■	▲	PTL-47-499-YL	75	20.00	8.00	Electrical component ID	18	7	5	2	1	0	R-4310
<b>22.86 MM LABEL WIDTH</b>													
■	▲	PTL-84-499	500	22.86	12.70	General ID	50	41	30	20	10	6	R-4310
■	▲	PTL-97-488	250	22.86	22.86	Asset ID with print durability	50	41	30	20	10	6	R-4310
<b>25.40 MM LABEL WIDTH</b>													
■	▲	PTL-16-435	500	25.40	9.52	Asset ID for textured surfaces	24	10	7	3	1	1	R-6010
■	▲	PTL-16-483	500	25.40	9.53	Asset ID for textured surfaces	24	10	7	3	1	1	R-6010
■	▲	PTL-16-486	500	25.40	9.53	Asset ID for oily, greasy, and textured surfaces	24	10	7	3	1	1	R-4310
■	▲	PTL-16-489	500	25.40	9.53	Asset ID for oily, greasy, and textured surfaces	24	10	7	3	1	1	R-4310
■	▲	PTL-17-435	500	25.40	12.70	General-purpose	24	10	7	5	2	1	R-6010
■	▲	PTL-17-428	500	25.40	12.70	General-purpose over-laminated identification	24	10	7	5	2	1	R-4310
■	▲	BPTL-17-428	5000	25.40	12.70	General-purpose over-laminated identification	24	10	7	5	2	1	R-4310
■	▲	PTL-17-483	500	25.40	12.70	Asset ID for textured surfaces	24	10	7	5	2	1	R-6010
■	▲	PTL-17-486	500	25.40	12.70	Asset ID for oily, greasy, and textured surfaces	24	10	7	5	2	1	R-4310

■ Material suitable for smooth surfaces. ■ Material suitable for smooth and textured surfaces. ■ Material suitable for smooth, textured and highly textured surfaces.



# RATING / NAMEPLATE LABELS CONTINUED

Surface Suitability	Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Per Line For Font:			Maximum Lines Of Text For Font:			Recomm. Ribbon Series
				A mm	B mm		2	7	10	2	7	10	
■	▲	PTL-17-489	500	25.40	12.70	Asset ID for oily, greasy, and textured surfaces	24	10	7	5	2	1	R-4310
■	▲	PTL-19-422	250	25.40	25.40	Asset ID for textured surfaces	24	10	7	10	5	3	R-6010
■	▲	PTL-19-423	250	25.40	25.40	Rating plate	24	10	7	10	5	3	R-6010
■	▲	BPTL-19-423	2500	25.40	25.40	Rating plate	24	10	7	10	5	3	R-6010
■	▲	PTL-19-435	250	25.40	25.40	Rating plate	24	10	7	10	5	3	R-6010
■	▲	PTL-19-483	250	25.40	25.40	Asset ID for textured surfaces	24	10	7	10	5	3	R-6010
■	▲	PTL-19-486	250	25.40	25.40	Asset ID for oily, greasy, and textured surfaces	24	10	7	10	5	3	R-4310
■	▲	PTL-19-489	250	25.40	25.40	Asset ID for oily, greasy, and textured surfaces	24	10	7	10	5	3	R-4310
<b>28.70 MM LABEL WIDTH</b>													
■	◐	PTL-24-423-BK	500	28.70	12.70	1.6mm Black-bordered component identification	24	10	7	3	1	1	R-6010
■	◐	PTL-24-428-BK	500	28.70	12.70	1.6mm Black-bordered component identification	24	10	7	3	1	1	R-4310
■	◐	PTL-24-483-BK	500	28.70	12.70	1.6mm Black-bordered component identification	24	10	7	3	1	1	R-6010
■	◐	PTL-24-486-BK	500	28.70	12.70	1.6mm Black-bordered component identification	24	10	7	3	1	1	R-4310
<b>38.10 MM LABEL WIDTH</b>													
■	▲	PTL-29-428	500	38.10	12.70	Faceplates, panels, equipment, silver finish	37	15	10	5	2	1	R-4310
■	▲	PTL-29-435	500	38.10	12.70	Asset ID for textured surfaces	37	15	10	5	2	1	R-6010
■	▲	PTL-29-483	500	38.10	12.70	Asset ID for textured surfaces	37	15	10	5	2	1	R-6010
■	▲	PTL-29-486	500	38.10	12.70	Asset ID for oily, greasy, and textured surfaces	37	15	10	5	2	1	R-4310
■	▲	PTL-29-489	500	38.10	12.70	Asset ID for oily, greasy, and textured surfaces	37	15	10	5	2	1	R-4310
■	▲	PTL-30-422	250	38.10	19.05	Asset ID for textured surfaces	37	15	10	8	4	2	R-6010
■	▲	PTL-30-427-AW	250	38.10	19.05	Asset ID for curved surfaces	37	15	10	8	4	2	R-4310
■	▲	PTL-30-435	250	38.10	19.05	Asset ID for textured surfaces	37	15	10	8	4	2	R-6010
■	▲	PTL-30-483	250	38.10	19.05	Asset ID for oily, greasy, and textured surfaces	37	15	10	8	4	2	R-6010
■	▲	PTL-30-486	250	38.10	19.05	Asset ID for oily, greasy, and textured surfaces	37	15	10	8	4	2	R-4310
■	▲	PTL-30-489	250	38.10	19.05	Asset ID for oily, greasy, and textured surfaces	37	15	10	8	4	2	R-4310
■	▲	PTL-30-499	250	38.10	19.05	Asset ID for oily, greasy, and textured surfaces	37	15	10	8	4	2	R-4310
■	▲	PTL-31-423	250	38.10	25.40	General identification	37	15	10	10	5	3	R-6010
■	▲	PTL-31-435	250	38.10	25.40	General identification	37	15	10	10	5	3	R-6010
■	▲	PTL-31-483	250	38.10	25.40	Asset ID for textured surfaces	37	15	10	10	5	3	R-6010
■	▲	PTL-31-486	250	38.10	25.40	Asset ID for oily, greasy, and textured surfaces	37	15	10	10	5	3	R-4310
■	▲	PTL-31-489	250	38.10	25.40	Asset ID for oily, greasy, and textured surfaces	37	15	10	10	5	3	R-4310
■	▲	PTL-32-423	250	38.10	38.10	General identification	37	15	10	16	8	5	R-6010
■	▲	PTL-32-435	250	38.10	38.10	General identification	37	15	10	16	8	5	R-6010
■	▲	PTL-32-483	250	38.10	38.10	Asset ID for textured surfaces	37	15	10	16	8	5	R-6010
■	▲	PTL-32-486	250	38.10	38.10	Asset ID for oily, greasy, and textured surfaces	37	15	10	16	8	5	R-4310
■	▲	PTL-32-489	250	38.10	38.10	Asset ID for oily, greasy, and textured surfaces	37	15	10	16	8	5	R-4310
<b>48.26 MM LABEL WIDTH</b>													
■	▲	PTL-81-488	750	48.26	6.35	Asset ID with print durability	50	41	30	20	10	6	R-4310
■	▲	PTL-81-499	750	48.26	6.35	General ID	50	41	30	20	10	6	R-4310
■	▲	PTL-78-427-AW	250	48.26	25.40	Asset ID for curved surfaces	50	41	30	20	10	6	R-4310
■	▲	PTL-78-499	250	48.26	25.40	General ID	50	41	30	20	10	6	R-4310

■ Material suitable for smooth surfaces. ■ Material suitable for smooth and textured surfaces. ■ Material suitable for smooth, textured and highly textured surfaces.

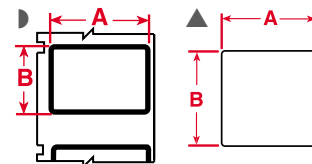


## INDUSTRIAL APPLICATION LABELS

## RATING / NAMEPLATE LABELS CONTINUED



Permanent Glossy Polyester (B-422)  
 General Purpose White Paper (B-424)  
 Flexible Vinyl (427)  
 Permanent Metallized Polyester (B-428,435)  
 Permanent Matt Polyester (B-459)  
 Ultra-Aggressive Glossy Polyester (B-483)  
 Ultra-Aggressive Matt Metallized Polyester (B-486)  
 Matte Polyester (B-488)  
 Ultra-Aggressive Matt Polyester (B-489)  
 Nylon Cloth (B-499)



Surface Suitability	Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Per Line For Font:			Maximum Lines Of Text For Font:			Recomm. Ribbon Series
				A mm	B mm		2	7	10	2	7	10	
<b>50.80 MM LABEL WIDTH</b>													
■	▲	PTL-20-424	100	50.80	25.40	General identification & Asset ID	46	19	13	10	5	3	R-4310
■	▲	BPTL-20-424	100	50.80	25.40	General identification & Asset ID	46	19	13	10	5	3	R-4310
■	▲	PTL-20-428	100	50.80	25.40	Asset ID, silver finish	46	19	13	10	5	3	R-4310
■	▲	BPTL-20-428	1000	50.80	25.40	Asset ID, silver finish	46	19	13	10	5	3	R-4310
■	▲	PTL-20-435	100	50.80	25.40	Asset ID silver finish	46	19	13	10	5	3	R-6010
■	▲	PTL-20-483	100	50.80	25.40	Asset ID for textured surfaces	46	19	13	10	5	3	R-6010
■	▲	PTL-20-486	100	50.80	25.40	Asset ID for oily, greasy, and textured surfaces	46	19	13	10	5	3	R-4310
■	▲	PTL-20-489	100	50.80	25.40	Asset ID for oily, greasy, and textured surfaces	46	19	13	10	5	3	R-4310
<b>69.85 MM LABEL WIDTH</b>													
■	▲	PTL-26-423	100	69.85	31.75	General identification & Asset ID	50	29	19	13	6	4	R-6010
■	▲	PTL-26-428	100	69.85	31.75	General identification & Asset ID	50	29	19	13	6	4	R-4310
<b>76.20 MM LABEL WIDTH</b>													
■	▲	PTL-22-422	100	76.20	25.40	General identification	50	31	21	10	5	3	R-6010
■	▲	PTL-22-423	100	76.20	25.40	General identification	50	31	21	10	5	3	R-6010
■	▲	PTL-22-424	100	76.20	25.40	General identification	50	31	21	10	5	3	R-4310
■	▲	PTL-22-428	100	76.20	25.40	Rating plate	50	31	21	10	5	3	R-4310
■	▲	PTL-22-459	100	76.20	25.40	General identification	50	31	21	10	5	3	R-6010
■	▲	PTL-37-422	100	76.20	48.26	Asset ID for textured surfaces	50	31	21	20	10	6	R-6010
■	▲	PTL-37-423	100	76.20	48.26	General identification & Asset ID	50	31	21	20	10	6	R-6010
■	▲	PTL-37-424	100	76.20	48.26	General identification & Asset ID	50	31	21	20	10	6	R-4310
■	▲	PTL-37-428	100	76.20	48.26	Asset ID, silver finish	50	31	21	20	10	6	R-4310
■	▲	PTL-37-435	100	76.20	48.26	Asset ID, silver finish	50	31	21	20	10	6	R-6010
■	▲	PTL-37-483	100	76.20	48.26	Asset ID for oily, greasy, and textured surfaces	50	31	21	20	10	6	R-6010
■	▲	PTL-37-486	100	76.20	48.26	Asset ID for oily, greasy, and textured surfaces	50	31	21	20	10	6	R-4310
■	▲	PTL-37-489	100	76.20	48.26	Asset ID for oily, greasy, and textured surfaces	50	31	21	20	10	6	R-4310
<b>101.60 MM LABEL WIDTH</b>													
■	▲	PTL-23-422	100	101.60	25.40	General identification	50	42	28	10	5	3	R-6010
■	▲	PTL-23-423	100	101.60	25.40	General identification	50	42	28	10	5	3	R-6010
■	▲	PTL-23-499	100	101.60	25.40	General identification	50	42	28	10	5	3	R-4310
■	▲	PTL-38-422	100	101.60	48.26	Asset ID for textured surfaces	50	41	30	20	10	6	R-6010
■	▲	PTL-38-423	100	101.60	48.26	General identification and Asset ID	50	41	30	20	10	6	R-6010
■	▲	PTL-38-424	100	101.60	48.26	General identification and Asset ID	50	41	30	20	10	6	R-4310
■	▲	PTL-38-428	100	101.60	48.26	Asset ID, silver finish	50	41	30	20	10	6	R-4310
■	▲	PTL-38-435	250	101.60	48.26	Asset ID, silver finish	50	41	30	20	10	6	R-6010
■	▲	PTL-38-483	100	101.60	48.26	Asset ID for oily, greasy, and textured surfaces	50	41	30	20	10	6	R-6010

\* Any label of 50.80 mm or larger is rotated on liner.

■ Material suitable for smooth surfaces. ■ Material suitable for smooth and textured surfaces. ■ Material suitable for smooth, textured and highly textured surfaces.

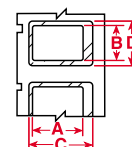


Surface Suitability	Diagram	Reference	Labels Per Roll	Label Dimensions		Applications	Maximum Characters Per Line For Font:			Maximum Lines Of Text For Font:			Recomm. Ribbon Series
				A mm	B mm		2	7	10	2	7	10	
■	▲	PTL-38-486	100	101.60	48.26	Asset ID for oily, greasy, and textured surfaces	50	41	30	20	10	6	R-4310
■	▲	PTL-38-489	100	101.60	48.26	Asset ID for oily, greasy, and textured surfaces	50	41	30	20	10	6	R-4310

## PERMASHIELD LABELS



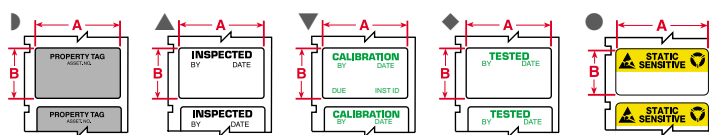
*Permanent Glossy Polyester (B-422)*  
*General Purpose White Paper (B-424)*  
*Permanent Metallized Polyester (B-428)*



Surface Suitability	Reference	Labels Per Roll	Label Dimensions		Overlaminates Dimensions		Maximum Character per Line for Font:			Maximum Lines of Text for Font:			Recommended Ribbon Series
			A mm	B mm	C mm	D mm	2	7	10	2	7	10	
■	PTPSL-17-422	500	25.40	12.70	31.75	19.05	24	10	7	5	2	1	R-6010
■	PTPSL-17-424	500	25.40	12.70	31.75	19.05	24	10	7	5	2	1	R-4310
■	PTPSL-17-428	500	25.40	12.70	31.75	19.05	24	10	7	5	2	1	R-4310
■	PTPSL-20-422	100	50.80	25.40	57.15	31.75	46	19	13	10	5	3	R-6010
■	PTPSL-20-424	100	50.80	25.40	57.15	31.75	46	19	13	10	5	3	R-4310
■	PTPSL-20-428	100	50.80	25.40	57.15	31.75	46	19	13	10	5	3	R-4310
■	PTPSL-26-422	100	69.85	31.75	76.20	38.10	50	29	19	13	6	4	R-6010
■	PTPSL-26-428	100	69.85	31.75	76.20	38.10	50	29	19	13	6	4	R-4310
■	PTPSL-50-422	100	76.20	41.91	82.55	48.26	75	31	21	18	9	6	R-6010
■	PTPSL-50-428	100	76.20	41.91	82.55	48.26	75	31	21	18	9	6	R-4310

## PRE-PRINTED LABELS

*Permanent Glossy Polyester (B-422, B-423)*  
*Permanent Metallized Polyester (B-428)*  
*Permanent Silver Polyester (B-435)*  
*Static Dissipative Polyester (B-473)*



Surface Suitability	Diagram	Reference	Labels Per Roll	Label Dimensions		Description	Recommended Ribbons Series
				A (mm)	B (mm)		
■	●	PTLSL-17-473	500	25.40	12.70	Static Sensitive	R-6010
■	▼	PTL-30-423-CALI	250	38.10	19.05	Calibration	R-6010
■	▼	PTL-30-428-CALI	250	38.10	19.05	Calibration	R-4310
■	◆	PTL-30-423-TEST	250	38.10	19.05	Tested	R-6010
■	◆	PTL-30-428-TEST	250	38.10	19.05	Tested	R-4310
■	▲	PTL-30-423-INSP	250	38.10	19.05	Inspected By	R-6010
■	▲	PTL-30-428-INSP	250	38.10	19.05	Inspected By	R-4310
■	►	PTL-35-422-PROP	250	41.40	19.05	Property Tag	R-6010
■	►	PTL-35-423-PROP	250	41.40	19.05	Property Tag	R-6010
■	►	PTL-35-428-PROP	250	41.40	19.05	Property Tag	R-4310
■	►	PTL-35-435-PROP	250	41.40	19.05	Property Tag	R-6010

\* Any label of 50.80 mm or larger is rotated on liner.

■ Material suitable for smooth surfaces. ■ Material suitable for smooth and textured surfaces. ■ Material suitable for smooth, textured and highly textured surfaces.

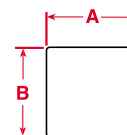


# INDUSTRIAL APPLICATION LABELS

## TAMPER-EVIDENT SECURITY LABELS



*Tamper-Evident Vinyl (B-351)*  
*Tamper-Evident Metallized Vinyl (B-352)*  
*Tamper-Evident White Polyester (B-7546)*  
*Tamper-Evident Metallized Polyester (B-7576)*



Surface Suitability	Reference	Labels Per Roll	Label Dimensions		Max. Characters Per Line For Font:			Max. Lines Of Text For Font:			Recommended Ribbons Series
			A (mm)	B (mm)	2	7	10	2	7	10	
■	PTL-17-351	500	25.40	12.70	24	10	7	5	2	1	R-6210
■	PTL-17-352	500	25.40	12.70	24	10	7	5	2	1	R-6010
■	PTL-17-7546	500	25.40	12.70	24	10	7	5	2	1	R-6010
■	PTL-17-7576	500	25.40	12.70	24	10	7	5	2	1	R-6010
■	PTL-20-351	100	50.80	25.40	46	19	13	10	5	3	R-6210
■	PTL-20-352	100	50.80	25.40	46	19	13	10	5	3	R-6010
■	PTL-20-7546	100	50.80	25.40	46	19	13	10	5	3	R-6010
■	PTL-20-7576	100	50.80	25.40	46	19	13	10	5	3	R-6010
■	PTL-31-351	250	38.10	25.40	37	15	10	10	5	3	R-6210
■	PTL-31-352	250	38.10	25.40	37	15	10	10	5	3	R-6010
■	PTL-31-7546	250	38.10	25.40	37	15	10	10	5	3	R-6010
■	PTL-31-7576	250	38.10	25.40	37	15	10	10	5	3	R-6010
■	PTL-37-351	100	76.20	48.26	50	31	21	20	10	6	R-6210
■	PTL-37-352	100	76.20	48.26	50	31	21	20	10	6	R-6010
■	PTL-37-7546	100	76.20	48.26	50	31	21	20	10	6	R-6010
■	PTL-37-7576	100	76.20	48.26	50	31	21	20	10	6	R-6010

## GENERAL INDUSTRIAL LABELS



*Permanent Glossy Polyester (B-422)*  
*Clear Polyester (B-430)*  
*Clear Glossy Polyester (B-432)*  
*Vinyl (B-439)*  
*Ultra-Aggressive Glossy Polyester (B-483)*

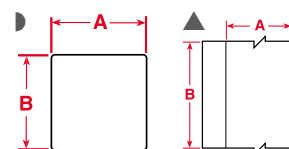


Diagram	Surface suitability	Reference	Labels Per Roll	Label Dimensions		Maximum Lines Of			Text For Font:			Recommended Ribbon Series
				A mm	B mm	Per Line For Font:	2	7	10	2	7	
▲	■	PTL-8-422	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-430	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-BK*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-BL*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-GR*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-OR*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-RD*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
▲	■	PTL-8-439-YL*	15m	12.70	continuous	50	50	50	5	2	1	R-6010
◐	■	PTL-61-483	100	12.70	50.80	50	21	14	8	3	2	R-6010
▲	■	PTL-42-430	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-432	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-BK*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-BL*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-GR*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-OR*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-RD*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-439-YL*	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-483	15m	25.40	continuous	50	50	50	5	4	3	R-6010
▲	■	PTL-42-422	15m	25.40	continuous	50	50	50	5	4	3	R-6010
◐	■	PTL-65-483	250	34.93	25.40	34	14	9	10	5	3	R-6010
◐	■	PTL-28-430	750	38.10	6.35	37	15	0	2	1	0	R-6010
◐	■	PTL-20-422	100	50.80	25.40	46	19	13	10	5	3	R-6010
◐	■	BPTL-20-422	1000	50.80	25.40	46	19	13	10	5	3	R-6010
◐	■	PTL-64-483	50	85.73	25.40	34	14	9	8	4	2	R-6010
◐	■	PTL-62-483	50	101.60	19.05	50	43	28	8	4	2	R-6010
◐	■	PTL-63-483	50	203.20	19.05	50	50	50	8	4	2	R-6010

\* BK = Black, BL = Blue, GR = Green, OR = Orange, RD = Red, YL = Yellow



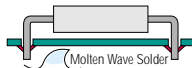
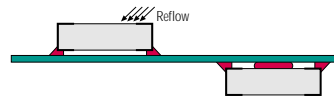
**CUSTOM COLOURS  
AND SIZES AVAILABLE**

\* Any label of 50.80 mm or larger is rotated on liner.

■ Material suitable for smooth surfaces. ■ Material suitable for smooth and textured surfaces. ■ Material suitable for smooth, textured and highly textured surfaces.

# ELECTRONIC APPLICATION LABELS

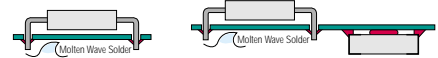
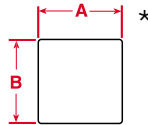
## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART

			
	Through Hole Technology Top Bottom	Surface Mount Technology (SMT) Top or Bottom	After process
B-426, B-457, B-477	● Yes      ● Yes	● Yes	● Yes
B-498, B-422, B-423 B-428, B-431, B-459 B-473	▲ Yes †      ✗ No	✗ No	● Yes

† In extreme high temperatures, testing of these materials is recommended

## POLYIMIDES

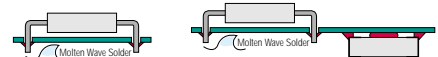
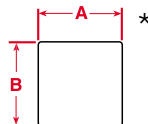
High Temperature White Polyimide (B-457)  
Static Dissipative Polyimide (B-477)  
High Temperature Amber Polyimide (B-426)



Reference	Labels per Roll	Label Dimensions		Maximum Characters per Line for Font:			Maximum Lines of Text for Font:			Maximum Bar Code Characters:	Through Hole Technology		SMT Top/Bottom	After Process	Recomm. Ribbon Series
		A mm	B mm	1	4	6	1	4	6		Top	Bottom			
PTL-1-457	750	6.35	6.35	6	3	2	2	1	1	0	●	●	●	●	R-6010
PTL-1-477	750	6.35	6.35	6	3	2	2	1	1	0	●	●	●	●	R-6010
PTL-1-426	750	6.35	6.35	6	3	2	2	1	1	0	●	●	●	●	R-4310
PTL-3-426	500	9.53	9.53	10	5	4	4	2	2	0	●	●	●	●	R-4310
PTL-3-477	500	9.53	9.53	10	5	4	4	2	2	0	●	●	●	●	R-6010
PTL-3-457	500	9.53	9.53	10	5	4	4	2	2	0	●	●	●	●	R-6010
PTL-4-426	500	10.16	10.16	10	6	4	4	3	2	0	●	●	●	●	R-4310
PTL-4-457	500	10.16	10.16	10	6	4	4	3	2	0	●	●	●	●	R-6010
PTL-6-426	750	12.70	6.98	13	7	5	3	1	1	0	●	●	●	●	R-4310
PTL-6-457	750	12.70	6.98	13	7	5	3	1	1	0	●	●	●	●	R-6010
PTL-9-426	750	16.51	5.08	18	10	7	2	1	1	2	●	●	●	●	R-4310
PTL-9-477	750	16.51	5.08	18	10	7	2	1	1	2	●	●	●	●	R-6010
PTL-9-457	750	16.51	5.08	18	10	7	2	1	1	2	●	●	●	●	R-6010
PTL-10-477	750	19.05	6.35	20	12	9	2	1	1	2	●	●	●	●	R-6010
PTL-10-426	750	19.05	6.35	20	12	9	2	1	1	2	●	●	●	●	R-4310
PTL-10-457	750	19.05	6.35	20	12	9	2	1	1	2	●	●	●	●	R-6010
PTL-13-426	750	22.86	6.35	25	14	11	2	1	1	4	●	●	●	●	R-4310
PTL-13-457	750	22.86	6.35	25	14	11	2	1	1	4	●	●	●	●	R-6010
PTL-14-457	750	25.40	4.74	28	16	12	2	1	1	4	●	●	●	●	R-6010
PTL-14-477	750	25.40	4.74	28	16	12	2	1	1	4	●	●	●	●	R-6010
PTL-16-457	500	25.40	9.53	28	16	12	4	2	2	4	●	●	●	●	R-6010
PTL-16-426	500	25.40	9.53	28	16	12	4	2	2	4	●	●	●	●	R-4310
PTL-17-426	500	25.40	12.70	28	16	12	5	3	2	4	●	●	●	●	R-4310
PTL-25-426	750	31.75	6.35	35	20	15	2	1	1	6	●	●	●	●	R-4310
PTL-25-477	750	31.75	6.35	35	20	15	2	1	1	6	●	●	●	●	R-6010
PTL-25-457	750	31.75	6.35	35	20	15	2	1	1	6	●	●	●	●	R-6010
PTL-27-477	750	38.10	3.18	42	0	0	1	0	0	8	●	●	●	●	R-6010
PTL-27-457	750	38.10	3.18	42	0	0	1	0	0	8	●	●	●	●	R-6010
PTL-27-426	750	38.10	3.18	42	0	0	1	0	0	8	●	●	●	●	R-4310
PTL-28-457	750	38.10	6.35	42	24	18	2	1	1	8	●	●	●	●	R-6010
PTL-28-426	750	38.10	6.35	42	24	18	2	1	1	8	●	●	●	●	R-4310
PTL-28-477	750	38.10	6.35	42	24	18	2	1	1	8	●	●	●	●	R-6010
PTL-2-477	100	50.80	6.35	52	30	23	2	1	1	11	●	●	●	●	R-6010
PTL-2-426	100	50.80	6.35	52	30	23	2	1	1	11	●	●	●	●	R-4310
PTL-2-457	100	50.80	6.35	52	30	23	2	1	1	11	●	●	●	●	R-6010

## TEDLAR®

Flame-Retardant White Tedlar® (B-437)



Reference	Labels per Roll	Label Dimensions		Maximum Characters per Line for Font:			Maximum Lines of Text for Font:			Maximum Bar Code Characters:	Through Hole Technology		SMT Top/Bottom	After Process	Recomm. Ribbon Series
		A mm	B mm	1	4	6	1	4	6		Top	Bottom			
PTL-9-437	750	16.51	5.08	18	10	7	2	1	1	2	▲	✗	✗	●	R-4310
PTL-10-437	750	19.05	6.35	20	12	9	2	1	1	2	▲	✗	✗	●	R-4310
PTL-15-437	750	25.40	6.98	28	16	12	2	1	1	4	▲	✗	✗	●	R-4310
PTL-29-437	500	38.10	12.70	42	24	18	5	3	2	8	▲	✗	✗	●	R-4310

\* Any label of 50.80 mm or larger is rotated on liner.

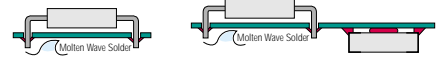
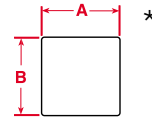
● Yes, this material will work with this application. ✗ No, this material does not work with this application. ▲ In extreme high temperatures, testing of these materials is recommended. Tedlar® is a registered trademark of Dupont.

## ELECTRONIC APPLICATION LABELS

## POLYESTER



Permanent White Polyester (B-422, B-423, B-459)  
Static Dissipative Polyester (B-473)  
Permanent Metallized Polyester (B-428)

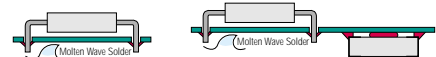
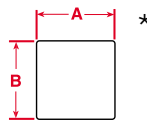


Reference	Labels per Roll	Label Dimensions		Maximum Characters Line for Font:			Maximum Lines of Text for Font:			Maximum Bar Code Characters:	Through Hole Technology		SMT Top/Bottom	After Process	Recommended Ribbons Series
		A mm	B mm	1	4	6	1	4	6		Top	Bottom			
PTL-1-423	750	6.35	6.35	6	3	2	2	1	1	0	▲	×	×	●	R-6010
PTL-1-473	750	6.35	6.35	6	3	2	2	1	1	0	▲	×	×	●	R-6010
PTL-2-423	100	50.80	6.35	52	30	23	2	1	1	11	▲	×	×	●	R-6010
PTL-3-423	500	9.53	9.53	10	5	4	4	2	2	0	▲	×	×	●	R-6010
PTL-4-423	500	10.16	10.16	10	6	4	4	3	2	0	▲	×	×	●	R-6010
PTL-5-423	750	12.70	5.08	13	7	5	2	1	1	0	▲	×	×	●	R-6010
PTL-5-473	750	12.70	5.08	13	7	5	2	1	1	0	▲	×	×	●	R-6010
PTL-6-473	750	12.70	6.98	13	7	5	3	1	1	0	▲	×	×	●	R-6010
PTL-6-423	750	12.70	6.98	13	7	5	3	1	1	0	▲	×	×	●	R-6010
PTL-7-423	500	12.70	12.70	13	7	5	5	3	2	0	▲	×	×	●	R-6010
PTL-9-423	750	16.51	5.08	18	10	7	2	1	1	2	▲	×	×	●	R-6010
PTL-9-473	750	16.51	5.08	18	10	7	2	1	1	2	▲	×	×	●	R-6010
PTL-10-423	750	19.05	6.35	20	12	9	2	1	1	2	▲	×	×	●	R-6010
PTL-10-473	750	19.05	6.35	20	12	9	2	1	1	2	▲	×	×	●	R-6010
PTL-13-423	750	22.86	6.35	25	14	11	2	1	1	4	▲	×	×	●	R-6010
PTL-14-423	750	25.40	4.74	28	16	12	2	1	1	4	▲	×	×	●	R-6010
PTL-15-423	750	25.40	6.98	28	16	12	2	1	1	4	▲	×	×	●	R-6010
PTL-15-428	750	25.40	6.98	28	16	12	2	1	1	4	▲	×	×	●	R-4310
PTL-16-473	500	25.40	9.53	28	16	12	4	2	2	4	▲	×	×	●	R-6010
PTL-16-423	500	25.40	9.53	28	16	12	4	2	2	4	▲	×	×	●	R-6010
BPTL-16-423	5000	25.40	9.53	28	16	12	4	2	2	4	▲	×	×	●	R-6010
PTL-17-473	500	25.40	12.70	28	16	12	5	3	2	4	▲	×	×	●	R-6010
PTL-17-423	500	25.40	12.70	28	16	12	5	3	2	4	▲	×	×	●	R-6010
BPTL-17-423	5000	25.40	12.70	28	16	12	5	3	2	4	▲	×	×	●	R-6010
PTL-17-428	500	25.40	12.70	28	16	12	5	3	2	4	▲	×	×	●	R-4310
BPTL-17-428	2500	25.40	12.70	28	16	12	5	3	2	4	▲	×	×	●	R-4310
PTL-19-422	250	25.40	25.40	28	16	12	12	7	6	4	▲	×	×	●	R-6010
PTL-19-423	250	25.40	25.40	28	16	12	12	7	6	4	▲	×	×	●	R-6010
BPTL-19-423	2500	25.40	25.40	28	16	12	12	7	6	4	▲	×	×	●	R-6010
PTL-20-423	100	50.80	25.40	52	30	23	12	7	6	11	▲	×	×	●	R-6010
BPTL-20-423	1000	50.80	25.40	52	30	23	12	7	6	11	▲	×	×	●	R-6010
PTL-20-459	100	50.80	25.40	52	30	23	12	7	6	11	▲	×	×	●	R-6010
PTL-25-423	750	31.75	6.35	35	20	15	2	1	1	6	▲	×	×	●	R-6010
PTL-26-423	100	69.85	31.75	50	29	19	13	6	4	18	▲	×	×	●	R-6010
PTL-26-459	100	69.85	31.75	50	46	34	15	9	7	18	▲	×	×	●	R-6010
PTL-27-423	750	38.10	3.18	42	0	0	1	0	0	8	▲	×	×	●	R-6010
PTL-28-423	750	38.10	6.35	42	24	18	2	1	1	8	▲	×	×	●	R-6010
PTL-28-473	750	38.10	6.35	42	24	18	2	1	1	8	▲	×	×	●	R-6010
PTL-29-423	500	38.10	12.70	42	24	18	5	3	2	8	▲	×	×	●	R-6010
BPTL-29-423	5000	38.10	12.70	42	24	18	5	3	2	8	▲	×	×	●	R-6010
PTL-29-459	500	38.10	12.70	42	24	18	5	3	2	8	▲	×	×	●	R-6010
PTL-30-459	250	38.10	19.05	42	24	18	9	5	4	8	▲	×	×	●	R-6010
PTL-37-423	100	76.20	48.26	50	50	37	22	14	11	20	▲	×	×	●	R-6010
PTL-38-423	100	101.60	48.26	50	50	50	22	14	11	25	▲	×	×	●	R-6010
PTL-38-459	100	101.60	48.26	50	50	50	22	14	11	25	▲	×	×	●	R-6010

\* Any label of 50.80 mm or larger is rotated on liner.

## VINYL CLOTH

White Vinyl Cloth Repositionable Adhesive (B-498)



Reference	Labels Per Roll	Label Dimensions		Maximum Characters Per Line For Font:			Maximum Lines Of Text For Font:			Through Hole Technology		SMT Top/Bottom	After Process	Recommended Ribbon Series
		A mm	B mm	1	4	6	1	4	6	Top	Bottom			
PTL-7-498	500	12.70	12.70	13	7	5	5	3	2	▲	×	×	●	R-6210
PTL-10-498	750	19.05	6.35	6	3	2	9	5	4	▲	×	×	●	R-6210
PTL-15-498	750	25.40	6.98	28	16	12	2	1	1	▲	×	×	●	R-6210
PTL-16-498	500	25.40	9.53	10	5	4	12	7	6	▲	×	×	●	R-6210
PTL-17-498	500	25.40	12.70	28	16	12	5	3	2	▲	×	×	●	R-6210
PTL-29-498	500	38.10	12.70	13	7	5	18	11	9	▲	×	×	●	R-6210
BPTL-29-498	5000	38.10	12.70	13	7	5	18	11	9	▲	×	×	●	R-6210
PTL-32-498	250	38.10	38.10	42	24	18	18	11	9	▲	×	×	●	R-6210

\* Vinyl cloth material is not recommended for bar code printing.

● Yes, this material will work with this application. × No, this material does not work with this application. ▲ In extreme high temperatures, testing of these materials is recommended.

# LABORATORY IDENTIFICATION LABELS

**F** Freezer environment   **N** Liquid nitrogen environment   **A** Autoclave environment   **H** Hot Water (100°C) baths  
**S** Self-laminating label   **L** Low-profile (extremely thin) label   **R** Removable

## CENTRIFUGE / EPPENDORF / PCR TUBE LABELS



*White Vinyl Cloth (B-498)*  
*White Nylon Cloth (B-499)*  
*Self-Laminating Polyester (B-461)*  
*Self-Laminating Vinyl (B-427)*

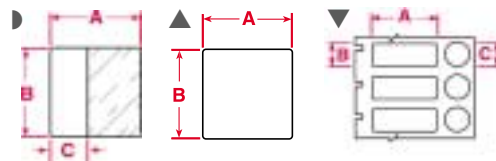


Diagram	Reference	Label Dimensions A (mm)   B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Max. Tube Diameter (mm)	Printer ribbon	Special Properties
<b>0.2 ML PCR TUBE</b>								
▶	PTL-108-461	38.10	17.28	17.78	750		R4310	<b>F N A H S L</b>
<b>0.5 TO 0.7 ML TUBE</b>								
▲	PTL-11-498	19.05	12.70		5000		R6210	<b>F</b> <b>R</b>
▲	PTL-11-499	19.05	12.70		500		R4310	<b>F N A</b>
▲	PTL-84-499	22.86	12.70		500		R4310	<b>F N A</b>
▲	PTL-16-498	25.40	9.53		500		R6210	<b>F</b> <b>R</b>
▲	PTL-16-499	25.40	9.53		500		R4310	<b>F N A</b>
▼	PTL-98-499	25.40	9.53	9.53	500		R4310	<b>F N A</b>
▶	PTL-73-461	45.72	9.53	19.05	500	8.00	R4310	<b>F N A H S L</b>
▶	PTL-72-461	45.72	12.70	19.05	500	8.00	R4310	<b>F N A H S L</b>
▶	PTL-74-427	55.88	12.70	19.05	100	11.40	R4310	<b>F N</b> <b>S</b>
▶	PTL-74-461	55.88	12.70	19.05	100	11.40	R4310	<b>F N A H S L</b>
<b>1.5 TO 2.0 ML TUBE</b>								
▲	PTL-84-499	22.86	12.70		500		R4310	<b>F N A</b>
▶	PTL-76-461	41.28	15.24	25.40	250	12.00	R4310	<b>F N A H</b> <b>L</b>
▶	PTL-74-427	55.88	12.70	19.05	100	11.40	R4310	<b>F N</b> <b>S</b>
▶	PTL-74-461	55.88	12.70	19.05	100	11.40	R4310	<b>F N A H S L</b>
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R4310	<b>F N A H S L</b>

## CONICAL / BOTTLE / PETRI DISH / DEEP WELL PLATE LABELS



*White Polyester (B-423)*  
*Clear Polyester (B-430)*  
*White Polyolefin (B-449)*  
*White Vinyl Cloth (B-498)*  
*White Nylon Cloth (B-499)*  
*Self-Laminating Polyester (B-461)*  
*White Vinyl (B-427)*

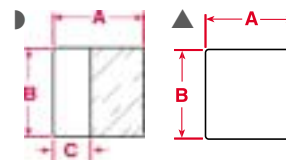


Diagram	Reference	Label Dimensions A (mm)   B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Max. Tube Diameter (mm)	Printer ribbon	Special Properties
<b>14.0 / 15.0 ML CONICAL TUBE</b>								
▶	PTL-77-461	88.90	38.10	31.75	100	16.70	R4310	<b>F N A H S L</b>
<b>50.0 ML CONICAL TUBE / BOTTLES / PETRI DISH / DEEP WELL PLATE LABELS</b>								
▲	PTL-7-423	12.70	12.70		500		R6010	<b>F</b> <b>A</b>
▲	PTL-14-423	25.40	4.75		750		R6010	<b>F</b> <b>A</b>
▲	PTL-15-423	25.40	6.35		750		R6010	<b>F</b> <b>A</b>
▲	PTL-17-423	25.40	12.70		500		R6010	<b>F</b> <b>A</b>
▲	PTL-17-430	25.40	12.70		500		R6010	<b>F</b> <b>A</b>
▲	PTL-17-449	25.40	12.70		500		R4310	<b>F</b> <b>A</b> <b>R</b>
▲	PTL-17-498	25.40	12.70		500		R6210	<b>F</b> <b>R</b>
▲	PTL-29-498	38.10	12.70		500		R6210	<b>F</b> <b>R</b>
▲	PTL-29-499	38.10	12.70		500		R4310	<b>F N A</b>
▲	PTL-30-427-AW*	38.10	19.05		250		R4310	<b>F</b>
▲	PTL-30-499	38.10	19.05		250		R4310	<b>F N A</b>
▲	PTL-31-498	38.10	25.40		250		R6210	<b>F N A</b> <b>R</b>
▲	PTL-31-499	38.10	25.40		250		R4310	<b>F N A</b>
▲	PTL-78-427-AW*	48.26	25.40		250		R4310	<b>F</b>
▲	PTL-78-488	48.26	25.40		250		R4310	<b>F</b> <b>A</b>
▲	PTL-78-499	48.26	25.40		250		R4310	<b>F N A</b>
▲	PTL-20-423	50.80	25.40		100		R6010	<b>F</b> <b>A</b>
▲	PTL-22-423	76.20	25.40		100		R6010	<b>F</b> <b>A</b>



# LABORATORY IDENTIFICATION LABELS

**F** Freezer environment   **N** Liquid nitrogen environment   **A** Autoclave environment   **H** Hot Water (100°C) baths  
**S** Self-laminating label   **L** Low-profile (extremely thin) label   **R** Removable

## VIAL / TUBE



**White Vinyl Cloth (B-498)**  
**White Nylon Cloth (B-499)**  
**Self-Laminating White / Yellow Polyester (B-461)**  
**Self-Laminating Vinyl (B-427)**

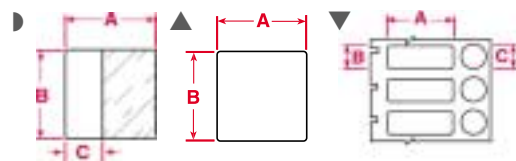


Diagram	Reference	Label Dimensions A (mm) B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Max. Tube Diameter (mm)	Printer ribbon	Special Properties
<b>0.6 ML VIAL / TUBE</b>								
▲	PTL-11-498	19.05	12.70		5000		R6210	F N A R
▲	PTL-11-499	19.05	12.70		500		R4310	F N A
▲	PTL-84-499	22.86	12.70		500		R4310	F N A
▶	PTL-74-427	55.88	12.70	19.05	100	11.40	R4310	F N S
▶	PTL-74-461	55.88	12.70	19.05	100	11.40	R4310	F N A H S L
<b>1.0 TO 2.0 ML VIAL / TUBE</b>								
▲	PTL-84-499	22.86	12.70		500		R4310	F N A
▼	PTL-98-499	25.40	9.53	9.53	500		R4310	F N A
▶	PTL-76-461	41.28	15.24	25.40	250	12.00	R4310	F N A H L
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R4310	F N A H S L
▶	PTL-75-427	66.68	25.40	25.40	100	13.00	R4310	F N A H S L
▶	PTL-75-461	66.68	25.40	25.40	1000	13.00	R4310	F N A H S L
▶	PTL-75-461	66.68	25.40	25.40	100	13.00	R4310	F N A H S L
▶	PTL-75-461-YL	66.68	25.40	25.40	100	13.00	R4310	F N A H S L
<b>4.0 TO 8.0 ML VIAL / TUBE</b>								
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R4310	F N A H S L
▶	PTL-75-427	66.68	25.40	25.40	1000	13.00	R4310	F N A H S L
▶	PTL-75-461	66.68	25.40	25.40	100	13.00	R4310	F N A H S L
▶	PTL-75-461-YL	66.68	25.40	25.40	100	13.00	R4310	F N A H S L
<b>12.0 TO 24.0 ML VIAL / TUBE</b>								
▲	PTL-29-498	38.10	12.70		500		R6210	F N A R
▲	PTL-29-499	38.10	12.70		500		R4310	F N A
▶	PTL-77-461	88.90	38.10	31.75	100	22.60	R4310	F N A H S L

## VIAL TOP LABELS



**White Nylon Cloth (B-499)**  
**Yellow Nylon Cloth (YL) (B-499)**

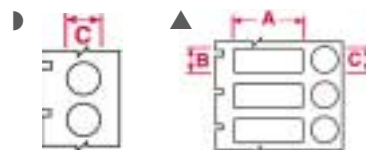


Diagram	Reference	Label Dimensions A (mm) B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Printer ribbon	Special Properties
<b>0.6 ML VIAL / TUBE</b>							
▶	PTL-82-499			9.52	500	R4310	F N A
▶	PTL-82-499-YL			9.52	500	R4310	F N A
▲	PTL-98-499	25.40	9.52	9.52	500	R4310	F N A
<b>1.0 TO 2.0 ML VIAL / TUBE</b>							
▶	PTL-83-499			12.70	500	R4310	F N A
▶	PTL-83-499-YL			12.70	500	R4310	F N A

## SLIDE LABELS



*White Paper (B-424)*  
*White Polyester (B-488)*  
*Self-Laminating Polyester (B-461)*

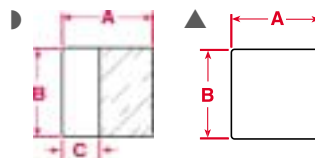


Diagram	Reference	Label Dimensions A (mm) B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Printer ribbon	Special Properties
▲	PTL-80-424	22.86	19.05	9.52	250	R4310	F
▲	PTL-80-488	22.86	19.05	9.52	250	R4310	F A
▲	PTL-97-488	22.86	22.86	9.52	250	R4310	F A
▶	PTL-79-461	19.05	95.25	25.40	100	R4310	F N A H S L

## WELL PLATE LABELS



*White Paper (B-424)*  
*White Polyester (B-488)*  
*Self-Laminating Polyester (B-461)*

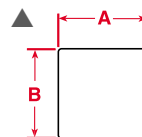


Diagram	Reference	Label Dimensions A (mm) B (mm)		Labels per Roll	Printer ribbon	Special Properties
▲	PTL-81-488	48.26	6.35	750	R4310	F A C
▲	PTL-81-499	48.26	6.35	750	R4310	F N A
▲	PTL-2-423	50.80	6.35	100	R6010	F A

## STRAW LABELS



*Self-Laminating Vinyl (B-427)*

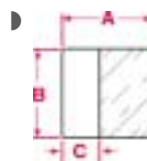
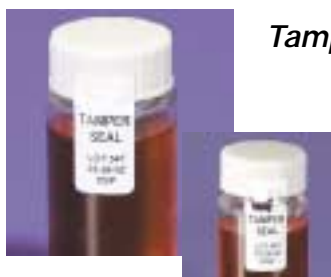


Diagram	Reference	Label Dimensions A (mm) B (mm)		Write-On Area/ Diameter C (mm)	Labels per Roll	Printer ribbon	Special Properties
<b>0.250 ML STRAW</b>							
▶	PTL-19-427	25.40	25.40	9.52	250	R4310	F N S
<b>0.250 ML STRAW</b>							
▶	PTL-21-427	25.40	63.50	19.05	100	R4310	F N S
<b>0.250 ML STRAW</b>							
▶	PTL-105-427-AW*	27.94	6.35	6.35	750	R4310	F N

\* AW = All white vinyl

## BOTTLE TAMPER SEAL LABELS



*Tamper Resistant White Vinyl (B-351)*

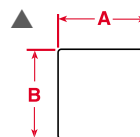


Diagram	Reference	Label Dimensions A (mm) B (mm)		Labels per Roll	Printer ribbon	Special Properties
▲	PTL-17-351	25.40	12.70	500	R6210	F
▲	PTL-31-351	38.10	25.40	250	R6210	F
▲	PTL-20-351	50.80	25.40	100	R6210	F
▲	PTL-37-351	76.20	48.26	100	R6210	F