

# Laboratory Labels For Handheld Printers

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

- V** Vial identification
- S** Slide identification
- P** Plate identification
- G** General identification



Brady Material Number	Application	Special Properties	Recommended for use in	TLS Ribbon	THT Ribbon Series	Temperature Range °C
<b>PAPER</b>						
B-424	Charts, slides, bottles and general laboratory identification	Permanent adhesive; good contrast; write-on capabilities	<b>F</b>	<b>S</b> <b>G</b>	R-4310 R-4300	-80 to 70
<b>NYLON CLOTH</b>						
B-499 <sup>1</sup>	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	<b>F</b> <b>N</b> <b>A</b>	<b>V</b> <b>P</b> <b>G</b>	R-4310 R-4300 R-6000 R-6200B X R-4500	-196 to 90 ● 121
B-799	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	<b>F</b> <b>N</b> <b>A</b>	<b>V</b> <b>P</b> <b>G</b>	— —	-196 to 90 ● 121
<b>POLYESTER</b>						
B-361	Vials, tubes and slides	Permanent adhesive; suitable for liquid nitrogen application if label material is wrapped around itself, as in self-lamination; write-on capabilities	<b>F</b> <b>N</b> <b>A</b> <b>H</b> <b>S</b> <b>L</b>	<b>V</b>	— —	-80 to 100 ● 121 ◆ -196 to 100
B-423	Plates, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces	<b>F</b> <b>A</b>	<b>P</b> <b>G</b>	R-6010 R-6000 * R-4410	-80 to 120
B-430	Petri-dish identification	Clear polyester with permanent acrylic based adhesive; withstands numerous solvents and can be applied to variable surfaces	<b>F</b> <b>A</b>	<b>P</b> <b>G</b>	R-6010 R-6000	-40 to 100
B-432	Petri-dish identification	Clear polyester with permanent acrylic based adhesive; withstands numerous solvents and can be applied to variable surfaces	<b>F</b> <b>A</b>	<b>P</b> <b>G</b>	R-6010 R-6000	-40 to 100
B-461	Vials, tubes and slides	Permanent adhesive; suitable for liquid nitrogen application if label material is wrapped around itself, as in self-lamination; write-on capabilities	<b>F</b> <b>N</b> <b>A</b> <b>H</b> <b>S</b> <b>L</b>	<b>V</b> <b>S</b>	R-4310 R-4300	-80 to 100 ● 121 ◆ -196 to 100
B-481	Slides, Vials & Tubes	Clear polyester will remain resistant when exposed to xylene and other chemicals that are commonly used in the slide staining process.	<b>F</b> <b>A</b>	<b>V</b> <b>S</b>	R-6400	-80 to 130
B-488	Slides, plates, bottles and general lab ID, post process tissue cassettes	Permanent acrylic adhesive; ideal for flat surfaces; write-on capabilities; excellent solvent resistance and xylene resistance	<b>F</b> <b>A</b>	<b>S</b> <b>P</b> <b>G</b>	R-4310 R-4300 R-6200	-80 to 120
B-490	Vials, bottles, plates	Label material that will adhere to frozen surfaces. Material must slightly overlap itself	<b>F</b> <b>N</b> <b>A</b> <b>H</b>	<b>V</b> <b>P</b> <b>G</b>	R-4310 R-4300	-196 to 120
B-492	Vials, bottles, plates	Label material that will adhere to frozen surfaces	<b>F</b> <b>N</b> <b>A</b> <b>H</b> <b>L</b>	<b>V</b> <b>P</b> <b>G</b>	— R-6400	-196 to 120
B-709	Plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities		<b>R</b> <b>P</b> <b>G</b>	— —	-40 to 70
B-747	Plate, bottles and general laboratory identification	Permanent acrylic adhesive ideal for flat surfaces	<b>F</b>	<b>P</b> <b>G</b>	— —	-80 to 130
B-8423	Plates, slides and general laboratory identification on flat surfaces	THT (Thermal Transfer printable) with a permanent acrylic adhesive. Semi-gloss finish; excellent for bar code labels	<b>F</b> <b>A</b>	<b>G</b>	— R-4300	-80 to 120
<b>POLYPROPYLENE</b>						
B-449	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	<b>F</b> <b>A</b>	<b>R</b> <b>P</b> <b>G</b>	R-4310 R-4300	-80 to 120
<b>VINYL</b>						
B-351	Applications requiring evidence of tampering	Tamper-evident with a permanent acrylic adhesive; fractures easily to prevent removal	<b>F</b>	<b>P</b> <b>G</b>	R-6210 R-6200	-80 to 100
B-427 <sup>1</sup>	Vials, tubes, slides, straws and bottles	Permanent acrylic adhesive; self-laminating; write-on capabilities; suitable for liquid nitrogen application and can be used to ID a frozen vial if label material is wrapped around itself, as in self-lamination	<b>F</b> <b>N</b>	<b>S</b> <b>V</b> <b>S</b> <b>P</b> <b>G</b>	R-4310 R-4300	-80 to 70 ◆ -196 to 70
B-439	Plate, bottles and general laboratory ID	Available in Blue, Green, Orange, Red, White and Yellow	<b>F</b>	<b>P</b> <b>G</b>	R-4310 R-4300	-80 to 40
<b>VINYL CLOTH</b>						
B-498	Vial, slides, plates, bottles and general lab ID, post process tissue cassettes	Removable from flat surfaces; write-on capabilities	<b>F</b>	<b>R</b> <b>V</b> <b>P</b> <b>G</b>	R-6210 R-6200	-80 to 80

<sup>1</sup>Not for use on glass in liquid nitrogen

■ Recommended ribbon for use with the material

● Temperature range increases to 121 °C when used in autoclave process

◆ Temperature range goes to -196 °C if material is wrapped around vial and overlaps itself

\* Available in print colours: Red, White and Blue

X Available in print colours: Black, Red, Blue and Green

# Laboratory Labels For Handheld Printers



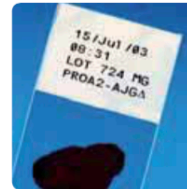
Take away the guesswork! Always be certain with LAB PAL™.

The LAB PAL™ label printer is portable, easy-to-use and makes identifying your samples quicker and more efficient.

- Portable/Hand-held
- Recommended for < 25 labels at a time
- Labels withstand extreme lab temperatures and solvents
- Pre-programmed vial and slide sizes
- One-touch time/date stamp
- Serialization feature for quicker aliquots
- Laboratory symbols
- Affordable – every lab technician needs one
- Banner mode for general labelling
- Operates on 6 AA batteries or optional AC power adapter



Pre-programmed vial ID sizes (0.6, 1.5 & 2 ml)



Date/Time stamp



Specific laboratory symbols

Order Reference	Description
LABPAL	LAB PAL label printer (includes PAL-375-461 label cartridge)
IDPAL-ACEUR	AC Adapter Europe 220V
IDPAL-ACUK	AC Adapter UK 240V
IDPAL-HC	Hard-sided carry case

### PAL-375-461

Ideal for 0.60 ml vial

### PAL-500-461

Ideal for 1.50 ml vial

### PAL-750-461, PAL-750-488

Ideal for 2.0 ml to 50.0 ml vials  
Ideal for slides (Xylene resistance)

## LAB PAL™ Labels

Order References			Material	Application
9.5 mm wide	12.7 mm wide	19.1 mm wide		
PAL-375-461	PAL-500-461	PAL-750-461	Polyester B-461 / White*	F N A H L V P G
PAL-375-499	PAL-500-499	PAL-750-499	Nylon Cloth B-499 / White	F N A V P G
PAL-375-488	PAL-500-488	PAL-750-488	Polyester B-488 / White	F A S P G
PAL-375-423	PAL-500-423	PAL-750-423	Polyester B-423 / White	F A P G
PAL-375-430	PAL-500-430	PAL-750-430	Polyester B-430 / Clear	A P G
PAL-375-439	PAL-500-439	PAL-750-439	Vinyl B-439 / White**	F P G

<b>F</b>	Freezar (-80°C)
<b>N</b>	Liquid Nitrogen (-196°C)
<b>A</b>	Autoclave
<b>H</b>	Hot Water Baths (100°C)
<b>L</b>	Low-Profile (extremely thin)
<b>V</b>	Vial Identification
<b>S</b>	Slide Identification
<b>P</b>	Plate Identification
<b>G</b>	General Identification

B-499 cartridges are 5.8 m long, all others are 6.0 m long

\* B-461 is acceptable for use in liquid nitrogen only when wrapped upon itself.

\*\* B-439 vinyl is available in Blue, Green, Orange, Red and Yellow. When ordering, please add BL, GR, OR, RD, YL after part number.

# Laboratory Labels For Handheld Printers



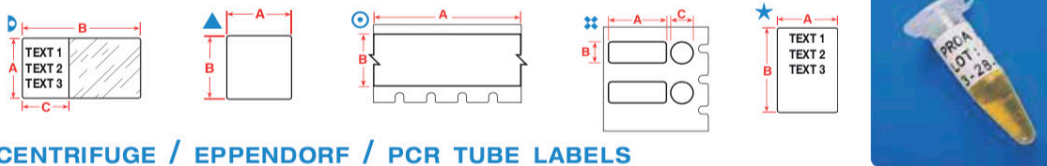
With Brady's LABXPRT™ Labelling System, you can label your vials, vial tops, slides, well plates and more, quickly and easily with durable materials designed specifically for the lab environment. The labels will not fall off or smear, can fit more information, and are always legible.

- Recommended for printing 25 to 250 labels at a time
- Continuous and die cut label styles, including tops, self-laminating, and two-label combinations
- Drop, Lock & Go Smart Cartridge combines labels and ribbon for a quick and easy change
- Built-in lab applications, including vial templates, time and date stamp, and auto-serialization for aliquots
- Bar coding capabilities – 2D (only available when connected to software) and linear (code 39 and 128)
- Compatible with IdentiLab™ Software (sold separately on p. 23)
- 300 dpi print head for sharper resolution on small fonts and bar codes
- Memory to store labels
- 140 Greek and laboratory symbols
- AA battery or AC power operation
- USB port for PC Connection
- Mirror image printing for through-dish viewing of specimen labels.
- One-touch Time & Date stamping
- Narrow bar code width to allow more characters on smaller labels

Order Reference	Description
LABXPRT-KEY-INTL	LABXPRT™ Printer*
LABXPRT-KEY-IDL	LABXPRT™ + IdentiLab™ Software
LABXPRT-HC-KEY	LABXPRT™ Hard case

\* Supplied with: printer, AC power supply, PC cable, XSL-86-461 label cartridge, CD containing manuals and driver

## LABXPRT™ Labels



### CENTRIFUGE / EPPENDORF / PCR TUBE LABELS

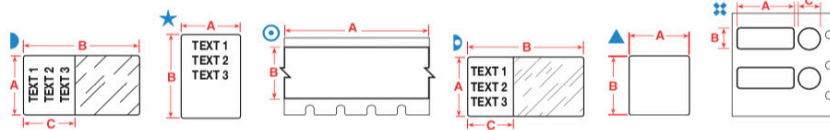
Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ Diameter C (mm)	Labels/ Cartridge	Special Properties
<b>0.2 ml PCR TUBE</b>						
	XSL-108-461	4.75	38.10	17.78	500	FNAHSL VS
<b>0.5 TO 0.7 ml TUBE</b>						
	XSL-72-461	12.70	44.45	19.05	225	FNAHSL VS
	XSL-123-461	9.53	28.58	19.05	500	FNAHSL VS
	XSL-122-461	12.70	28.58	19.05	500	FNAHSL VS
	XC-375-461	9.1 m	9.53	–	9.1 m roll	FNAHSL VS
	X-112-490	31.75	9.53	–	500	FNAH V PG
	X-130-492	21.00	9.53	–	275	FNAH L V PG
	X-130-499	20.96	9.53	–	275	FNAH V PG
	X-118-492	25.40	9.53	9.53	300	FNAH L V PG
	X-118-499	25.40	9.53	9.53	300	FNAH L V PG
	X-120-492	25.40	12.70	9.53	300	FNAH L V PG
	X-120-499	25.40	12.70	9.53	300	FNAH L V PG
<b>1.0 TO 8.0 ml TUBE</b>						
	XSL-74-461	12.70	55.88	19.05	175	FNAHSL VS
	XSL-86-461	15.24	66.68	25.40	150	FNAHSL VS
	XSL-124-461	12.70	41.91	19.05	225	FNAHSL VS
	XSL-126-461	15.24	45.72	25.40	225	FNAHSL VS
	XC-500-461	9.1 m	12.70	–	9.1 m roll	FNAHSL VS
	XC-500-492	9.1 m	12.70	–	9.1 m roll	FNAH L V PG
	X-124-490	41.91	12.70	–	225	FNAH V PG
	X-131-492	25.40	12.70	–	225	FNAH L V PG

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- V** Vial identification
- S** Slide identification
- P** Plate identification
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Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ Diameter C (mm)	Labels/ Cartridge	Special Properties
<b>Continued 1.0 TO 8.0 ml TUBE</b>						
▲	X-131-499	25.40	12.70	–	225	<b>FNA V PG</b>
◆	X-118-492	25.40	9.53	9.53	300	<b>FNA V PG</b>
◆	X-118-499	25.40	9.53	9.53	300	<b>FNA V PG</b>
◆	X-120-492	25.40	12.70	9.53	300	<b>FNA V PG</b>
◆	X-120-499	25.40	12.70	9.53	300	<b>FNA V PG</b>
◆	X-117-492	25.40	12.70	11.18	300	<b>FNA V PG</b>
◆	X-117-499	25.40	12.70	11.18	300	<b>FNA V PG</b>
★	X-156-492	22.86	25.40	–	225	<b>FNA V PG</b>



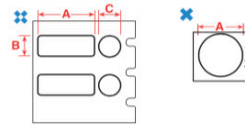
## CRYO VIAL LABELS

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ Diameter C (mm)	Labels/ Cartridge	Special Properties
<b>0.6 ml TUBE</b>						
▷	XSL-72-461	12.70	44.45	19.05	225	<b>FNAHSL V S</b>
▷	XSL-123-461	9.53	28.58	19.05	500	<b>FNAHSL V S</b>
▷	XSL-122-461	12.70	28.58	19.05	500	<b>FNAHSL V S</b>
◎	XC-500-461	9.1 m	12.70	–	9.1 m roll	<b>FNAHSL V S</b>
▲	X-112-490	31.75	9.53	–	225	<b>FNAH V PG</b>
▲	X-130-492	20.96	9.53	–	275	<b>FNAH L V PG</b>
▲	X-130-499	20.96	9.53	–	275	<b>FNAH L V PG</b>
◆	X-118-492	25.40	9.53	9.53	300	<b>FNAH L V PG</b>
◆	X-118-499	25.40	9.53	9.53	300	<b>FNAH L V PG</b>
◆	X-120-492	25.40	12.70	9.53	300	<b>FNAH L V PG</b>
◆	X-120-499	25.40	12.70	9.53	300	<b>FNAH L V PG</b>
<b>1.0 TO 8.0 ml TUBE</b>						
▷	XSL-74-461	12.70	55.88	19.05	175	<b>FNAHSL V</b>
▷	XSL-86-461	15.24	66.68	25.40	150	<b>FNAHSL V S</b>
▷	XSL-72-461	12.70	44.45	19.05	225	<b>FNAHSL V S</b>
▷	XSL-75-461	25.40	66.68	25.40	150	<b>FNAHSL V S</b>
▷	XSL-126-461	15.24	45.72	25.40	225	<b>FNAHSL V S</b>
▷	XSL-125-461	25.40	44.45	25.40	225	<b>FNAHSL V S</b>
◎	XC-500-461	9.1 m	12.70	–	9.1 m roll	<b>FNAHSL V S</b>
◎	XC-500-492	9.1 m	12.70	–	9.1 m roll	<b>FNAH L V PG</b>
◎	XC-1000-461	9.1 m	25.40	–	9.1 m roll	<b>FNAHSL V S</b>
▲	X-126-490	45.72	15.24	–	225	<b>FNAH V PG</b>
▲	X-125-490	25.40	44.45	–	225	<b>FNAH V PG</b>
▲	X-131-492	25.40	12.70	–	225	<b>FNAH L V PG</b>
▲	X-131-499	25.40	12.70	–	225	<b>FNAH L V PG</b>
◆	X-118-492	25.40	9.53	9.53	300	<b>FNAH L V PG</b>
◆	X-118-499	25.40	9.53	9.53	300	<b>FNAH L V PG</b>
◆	X-120-492	25.40	12.70	9.53	300	<b>FNAH L V PG</b>
◆	X-120-499	25.40	12.70	9.53	300	<b>FNAH L V PG</b>
◆	X-117-492	25.40	12.70	11.18	300	<b>FNAH L V PG</b>
◆	X-117-499	25.40	12.70	11.18	300	<b>FNAH L V PG</b>
★	X-156-492	22.86	25.40	–	225	<b>FNAH L V PG</b>

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- G** General identification



## VIAL TOP LABELS

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Diameter C (mm)	Labels/ Cartridge	Special Properties
<b>0.6 TO 1.5 ml VIAL / TUBE</b>						
X	X-82-492	9.53	-	-	300	FNAH L V PG
X	X-82-499	9.53	-	-	300	FNA V PG
X	X-82-499-YL-BK*	9.53	-	-	300	FNA V PG
X	X-82-499-OR-BK*	9.53	-	-	300	FNA V PG
X	X-82-499-RD-BK*	9.53	-	-	300	FNA V PG
XX	X-118-492	25.40	9.53	9.53	300	FNAH L V PG
XX	X-118-499	25.40	9.53	9.53	300	FNA V PG
XX	X-120-492	25.40	12.70	9.53	300	FNAH L V PG
XX	X-120-499	25.40	12.70	9.53	300	FNA V PG
<b>1.0 TO 2.0 ml VIAL / TUBE</b>						
X	X-83-492	12.70	-	-	300	FNAH L V PG
X	X-83-499	12.70	-	-	300	FNA V PG
X	X-83-499-YL-BK*	12.70	-	-	300	FNA V PG
X	X-83-499-OR-BK*	12.70	-	-	300	FNA V PG
X	X-83-499-RD-BK*	12.70	-	-	300	FNA V PG
XX	X-118-492	25.40	9.53	9.53	300	FNAH L V PG
XX	X-118-499	25.40	9.53	9.53	300	FNA V PG
XX	X-120-492	25.40	12.70	9.53	300	FNAH L V PG
XX	X-120-499	25.40	12.70	9.53	300	FNA V PG
XX	X-117-492	25.40	12.70	11.18	300	FNAH L V PG
XX	X-117-499	25.40	12.70	11.18	300	FNA V PG

\* Legend will print Black on Coloured Background

## CONICAL / LARGE TUBE LABELS

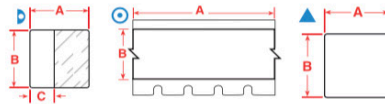


Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ C (mm)	Labels/ Cartridge	Special Properties
<b>14.0 – 15.0 ml CONICALS</b>						
D	XSL-119-461	38.10	95.25	31.75	100	FNAHSL VS
D	XSL-129-461	38.10	57.15	31.75	100	FNAHSL VS
⊙	XC-1000-461	9.1 m	25.40	-	9.1 m roll	FNAHSL VS
⊙	XC-1250-461	9.1 m	31.75	-	9.1 m roll	FNAHSL VS
▲	X-113-490	38.10	55.88	-	175	FNAH V PG
▲	X-132-499	31.75	38.10	-	200	FNA V PG
<b>50.0 ml CONICALS</b>						
D	XSL-119-461	38.10	95.25	31.75	100	FNAHSL VS
⊙	XC-1000-461	9.1 m	25.40	-	9.1 m roll	FNAHSL VS
⊙	XC-1250-461	9.1 m	31.75	-	9.1 m roll	FNAHSL VS
▲	X-114-490	38.10	95.25	-	100	FNAH V PG
▲	X-78-499	25.40	48.26	-	125	FNA V PG
▲	X-78-492	48.26	25.40	-	125	FNAH L V PG

## WELL PLATE LABEL

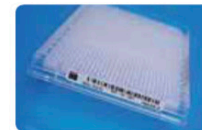
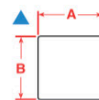
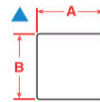


Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Non-print area C (mm)	Labels/ Cartridge	Special Properties
▲	X-81-488	48.26	6.35	-	200	F A S P G

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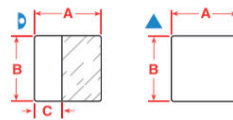
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## SLIDE LABELS

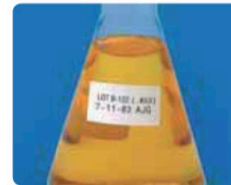
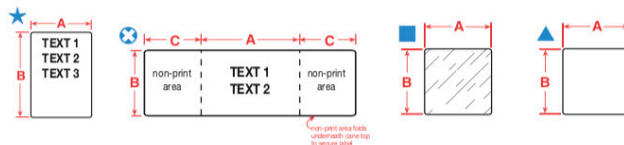
Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Labels/ Cartridge	Special Properties
	X-97-488	22.86	22.86	350	F A S P G
	X-81-488	48.26	6.35	200	F A S P G



## STRAW LABELS

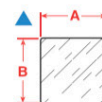
Diagram	Order Reference	Straw Description	Label Width A (mm)	Label Height B (mm)	Write-On Area/ C (mm)	Labels/ Cartridge	Special Properties
	XSL-133-427	Small Straws	44.45	25.40	9.53	175	F N S V S P G
	XSL-134-427	Large Straws	44.45	38.10	12.70	175	F N S V S P G
	X-105-427-AW**	Straw Rods	27.94	6.350	-	500	F N S V S P G

\*\*AW = All White /no transparent area



## BOTTLES / FLASKS / DISHES / GENERAL LAB ID

Diagram	Order Reference	Material	Label Width A (mm)	Label Height B (mm)	Non-print area C (mm)	Labels/ Cartridge	Special Properties
	X-131-498	Removable Adhesive	25.40	12.70		225	F R V P G
	X-103-498	Removable Adhesive	25.40	31.75		200	F R V P G
	X-78-498	Removable Adhesive	25.40	48.26		125	F R V P G
	X-130-499	Permanent Adhesive	20.96	9.53		275	F N A V P G
	X-132-499	Permanent Adhesive	31.75	38.10		200	F N A V P G
	X-131-499	Permanent Adhesive	25.40	12.70		225	F N A V P G
	X-78-499	Permanent Adhesive	25.40	48.26		125	F N A V P G
	X-162-499	Permanent Adhesive	38.10	12.70		165	F N A V P G
	X-30-499	Permanent Adhesive	38.10	19.05		300	F N A V P G
	X-155-492	FreezerBondz™	12.70	6.35	9.35	400	F N A H L V P G
	X-17-432-CL-BK	Permanent Adhesive	25.40	12.70		500	F A P G
	X-78-432-CL-BK	Permanent Adhesive	25.40	48.26		100	F A P G



## TAMPER-EVIDENT / INDICATING POLYESTER

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Labels/ Cartridge	Special Properties
	X-20-351	50.80	25.40	200	F P G
	X-17-351	25.40	12.70	500	F P G

# Laboratory Labels For Handheld Printers

## TLS 2200® Thermal Label Printer



The TLS 2200® labelling system is a light-weight (1.25 kg) hand-held printer that provides thermal transfer printing, bar coding and multiple material configurations, including die cut and continuous labels. Printing labels for vials, test tubes, well plates, beakers and slides fast and easy. Compatible with Brady Identilab™ software (p. 23 for details).

- Recommended for printing 25 to 250 labels at a time
- Hand-held, portable design
- PC compatible (using Identilab™ or LabelMark™ software)
- 203 dpi print resolution
- Easy to serialize or print multiple labels, for quicker aliquats
- Prints code 3 of 9 bar codes (also prints 128, IFT 25, Codabar and UPC bar codes when connected to a PC)
- Clear Graphical Display - high screen resolution and contrast.
- Very fast data processing. Time-saving and more labels per battery charge.
- Sleep Mode extends battery life.

Order Reference	Description
TLS2200-EUR	TLS2200® printer* Europe
TLS2200 EUR + Identilab	TLS2200® printer* Europe + Identilab™
TLS2200-UK	TLS2200® printer* UK
TLS2200 UK + Identilab	TLS2200® printer* UK + Identilab™
RS232 / USB TO DB9	TLS PC Link™ USB convertor

\*system includes TLS 2200® printer, hard case, R-6210 ribbon, rechargeable battery pack, battery charger, Quick Start Guide, manual, PC cable, and test labels (PTL-19-42)

## TLS PC Link™ Label Printer



The TLS PC Link™ printer utilizes all of the available TLS 2200® materials and ribbons, and its small size and PC-only operation makes it ideal for the lab bench. Compatible with Brady Identilab™ software (p. 23 for details).

- PC connection only
- Compatible with Identilab™ label software
- 203 dpi print resolution
- Ideal for printing less than 250 labels at a time
- Can also be used with BradySoft™ software (see p. 23)

Order Reference	Description
TLS PC-EUR/AJK Lite	TLS PC Link™ *
TLS PC Link + Identilab™	TLS PC Link™ * + Identilab™
RS232 / USB TO DB9	TLS PC Link™ USB convertor

\*system includes TLS PC Link™ printer, rechargeable battery pack, power supply/battery charger, R-6210 ribbon, sample labels (PTL-19-423), Quick Start Guide, manuals, communications cable, and Windows™ drivers.

### PRINT RIBBONS

#### TLS 2200® / TLS PC Link™ Print Ribbons

Order Reference	Description	Length
R-4310	R-4310 BLACK ribbon	22.4 m
R-6010	R-6010 BLACK ribbon	22.4 m
R-6210	R-6210 BLACK ribbon	22.4 m
R-4410-BL	R-4410 BLUE ribbon	22.4 m
R-4410-RD	R-4410 RED ribbon	22.4 m
R-4410-WT	R-4410 WHITE ribbon	22.4 m

#### TLS 2200® / TLS PC Link™ Print Ribbon Selection Guide

Match your material with the appropriate ribbon.

Brady Material Number	Material	R-4410 (Colours)			
		R-4310	R-6010	*R-6210	
B-351	Vinyl			●	
B-423	Polyester		●	▲	
B-424	Paper	●			
B-427	Vinyl	●		▲	
B-430	Polyester		●	▲	
B-439	Vinyl	●			
B-449	Polypropylene	●			
B-461	Polyester	●			
B-488	Polyester	●			
B-490	Polyester	●			
B-492	Polyester	●			
B-498	Vinyl Cloth			●	
B-499	Nylon Cloth	●		▲	

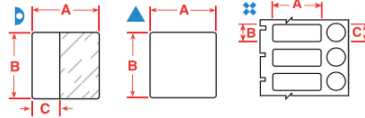
● Recommended ribbon for use with respective material  
▲ Acceptable ribbon for use with respective material  
\* R-6210 ribbon included with printers

# Laboratory Labels For Handheld Printers

## TLS 2200® / TLS PC Link™ Labels

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

- V** Vial identification
- S** Slide identification
- P** Plate identification
- G** General identification



### CENTRIFUGE / EPPENDORF / PCR TUBE LABELS

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ Diameter C (mm)	Labels/ Package	Printer Ribbon	Special Properties
<b>0.2 ml PCR TUBE</b>							
▷	PTL-108-461	38.10	4.75	17.78	750	R-4310	FNAHSL V
<b>0.5 TO 0.7 ml TUBE</b>							
▲	PTL-11-498	19.05	12.70	–	500	R-6210	F RV PG
▲	BPTL-11-498	19.05	12.70	–	5000	R-6210	F RV PG
▲	PTL-11-499	19.05	12.70	–	500	R-4310	FNA V PG
▲	PTL-84-499	22.86	12.70	–	500	R-4310	FNA V PG
▲	PTL-16-498	25.40	9.53	–	500	R-6210	F RV PG
▲	PTL-16-499	25.40	9.53	–	500	R-4310	FNA V PG
⊞	PTL-98-499	25.40	9.53	9.53	500	R-4310	FNA V PG
▲	PTL-112-490	25.40	9.53	–	500	R-4310	FNAH V PG
▷	PTL-73-461	45.72	9.53	19.05	500	R-4310	FNAHSL V
▷	PTL-72-461	45.72	12.70	19.05	500	R-4310	FNAHSL V
▷	PTL-74-427	55.88	12.70	19.05	100	R-4310	FN S V
▷	PRL-74-461	55.88	12.70	19.05	100	R-4310	FNAHSL VS
<b>1.5 TO 2.0 ml TUBE</b>							
▲	PTL-84-499	22.86	12.70	–	500	R-4310	FNA V PG
▷	PTL-76-461	41.28	15.24	25.40	250	R-4310	FNAHSL V
▲	PTL-76-490	41.28	15.24	–	250	R-4310	FNAH V PG
▷	PTL-74-427	55.88	12.70	19.05	100	R-4310	FN S V
▷	PTL-74-461	55.88	12.70	19.05	100	R-4310	FNAHSL V
▷	PTL-86-461	66.68	15.24	25.40	100	R-4310	FNAHSL V

### CRYO VIAL LABELS

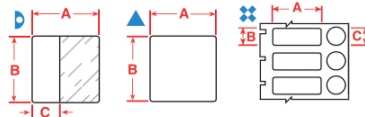


Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ Diameter C (mm)	Labels/ Package	Printer Ribbon	Special Properties
<b>0.6 ml VIAL / TUBE</b>							
▲	PTL-11-498	19.05	12.70	–	500	R-6210	F RV PG
▲	BPTL-11-498	19.05	12.70	–	5000	R-6210	F RV PG
▲	PTL-11-499	19.05	12.70	–	500	R-4310	FNA V PG
▲	PTL-84-499	22.86	12.70	–	500	R-4310	FNA V PG
▷	PTL-74-427	55.88	12.70	19.05	100	R-4310	FN S V
▷	PTL-74-461	55.88	12.70	19.05	100	R-4310	FNAHSL V
<b>1.0 TO 3.0 ml VIAL / TUBE</b>							
▲	PTL-84-499	22.86	12.70	–	500	R-4310	FNA V PG
⊞	PTL-98-499	25.40	9.53	9.53	500	R-4310	FNA V PG
▷	PTL-76-461	41.28	15.24	25.40	250	R-4310	FNAHSL V
▲	PTL-76-490	41.28	15.24	–	250	R-4310	FNAH V PG
▷	PTL-76-490	48.26	15.24	–	250	R-6210	FNAH V PG
▷	PTL-86-461	66.68	15.24	25.40	100	R-4310	FNAHSL V
▷	PTL-75-427	66.68	25.40	25.40	100	R-4310	FN S V
▷	BPTL-75-461	66.68	25.40	25.40	1000	R-4310	FNAHSL V
▷	PTL-75-461	66.68	25.40	25.40	100	R-4310	FNAHSL V
▷	PTL-75-461-YL	66.68	25.40	25.40	100	R-4310	FNAHSL V
<b>12.0 TO 24.0 ml VIAL / TUBE</b>							
▲	PTL-29-498	38.10	12.70	–	500	R-6210	F RV PG
▲	PTL-29-499	38.10	15.24	–	500	R-4310	FNA V PG
▷	PTL-77-461	88.90	15.24	31.75	100	R-4310	FNAHSL V

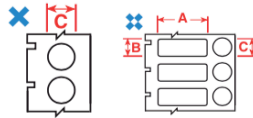


# Laboratory Labels For Handheld Printers

## TLS 2200® / TLS PC Link™ Labels

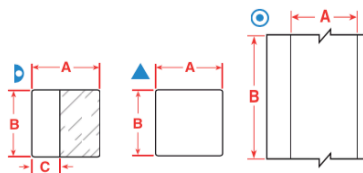
- F** Freezer environment
- N** Liquid nitrogen environment
- A** Autoclave environment
- H** Hot water (100°C) bath
- S** Self-laminating label
- L** Low-profile (extremely thin) label
- R** Removable

- V** Vial identification
- S** Slide identification
- P** Plate identification
- G** General identification



### VIAL TOP LABELS

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Diameter C (mm)	Labels/Package	Printer Ribbon	Special Properties
<b>0.6 TO 1.5 ml VIAL / TUBE</b>							
X	PTL-82-499	–	–	9.53	500	R-4310	F N A V P G
X	PTL-82-499-YL	–	–	9.53	500	R-4310	F N A V P G
⊗	PTL-98-499	25.40	9.53	9.53	500	R-4310	F N A V P G
<b>1.0 TO 2.0 ml VIAL / TUBE</b>							
X	PTL-83-499	–	–	12.70	500	R-4310	F N A V P G
X	PTL-83-499-YL	–	–	12.70	500	R-4310	F N A V P G



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

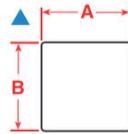
Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area/ C (mm)	Labels/Package	Printer Ribbon	Special Properties
<b>14.0 TO 15.0 ml CONICAL TUBE</b>							
▲	PTL-113-490	38.10	55.88	–	100	R-4310	F N A H V P G
▶	PTL-77-461	88.90	38.10	31.75	100	R-4310	F N A H S L V
<b>50.0 ml CONICAL TUBE / BOTTLES / PETRI-DISH / DEEP WELL PLATE</b>							
▲	PTL-7-423	12.70	12.70	–	500	R-6010	F A V P G
▲	PTL-14-423	25.40	4.75	–	750	R-6010	F A V P G
▲	PTL-15-423	25.40	6.35	–	750	R-6010	F A V P G
▲	PTL-17-423	24.40	12.70	–	500	R-6010	F A V P G
▲	PTL-17-430	25.40	12.70	–	500	R-6010	F A V P G
▲	PTL-17-449	25.40	12.70	–	500	R-4310	F A R V P G
▲	PTL-17-498	25.40	12.70	–	500	R-6210	F R V P G
⊙	PTL-42-439-OR	25.40	15 m	–	Continuous	R-4310	F V P G
⊙	PTL-42-439-YL	25.40	15 m	–	Continuous	R-4310	F V P G
▲	PTL-29-498	38.10	12.70	–	500	R-6210	F R V P G
▲	PTL-29-499	38.10	12.70	–	500	R-4310	F N A V P G
▲	PTL-30-427-AW**	38.10	19.05	–	250	R-4310	F N V P G
▲	PTL-30-499	38.10	19.05	–	250	R-4310	F N A V P G
▲	PTL-31-423	38.10	25.40	–	250	R-6210	F A V P G
▲	PTL-31-498	38.10	25.40	–	250	R-6210	F R V P G
▲	PTL-31-499	38.10	25.40	–	250	R-4310	F N A V P G
▲	PTL-114-490	38.10	95.25	–	100	R-4310	F N A H V P G
▲	PTL-78-427-AW**	48.26	25.40	–	250	R-4310	F N V P G
▲	PTL-78-488	48.26	25.40	–	250	R-4310	F A S P G
▲	PTL-78-499	48.26	25.40	–	250	R-4310	F N A V P G
▲	PTL-20-423	50.80	25.40	–	100	R-6010	F A V P G
▲	PTL-22-423	76.20	25.40	–	100	R-6010	F A V P G
⊙	PTL-8-430	12.70	15 m	–	Continuous	R-6010	F A V P G

# Laboratory Labels For Handheld Printers

## TLS 2200® / TLS PC Link™ Labels

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- H** Hot water (100°C) bath
- S** Self-laminating label
- L** Low-profile (extremely thin) label
- R** Removable

- V** Vial identification
- S** Slide identification
- P** Plate identification
- G** General identification



### SLIDE LABELS

Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Labels/Package	Printer Ribbon	Special Properties
	PTL-80-424	22.86	19.05	250	R-4310	F S G
	PTL-80-488	22.86	19.05	250	R-4310	F A S P G
	PTL-97-488	22.86	22.86	250	R-4310	F A S P G

### STRAW LABELS

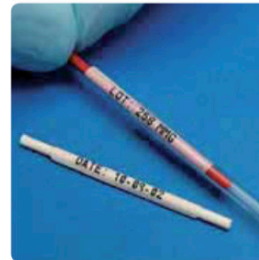
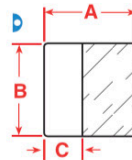


Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Write-On Area C (mm)	Labels/Package	Printer Ribbon	Special Properties
<b>0.25 ml STRAW</b>							
	PTL-19-427	25.40	25.40	9.53	250	R-4310	F N S V
<b>0.5 ml STRAW</b>							
	PTL-21-427	25.40	63.50	19.05	100	R-4310	F N S V
<b>STRAW ROD</b>							
	PTL-105-427-AW**	27.94	6.35	6.35	750	R-4310	F N V P G

\*\*AW = All White / no transparent area

### WELL PLATE LABELS

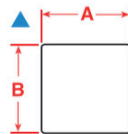


Diagram	Order Reference	Label Width A (mm)	Label Height B (mm)	Labels/Package	Printer Ribbon	Special Properties
	PTL-81-488	48.26	6.35	750	R-4310	F A S P G
	PTL-81-499	48.26	6.35	750	R-4310	F N A V P G
	PTL-2-423	50.80	6.35	100	R-4310	F A S P G