



INFECT SUPS
LOT: 72473
3-19-01

Proj # A120408
Sub: 324
Time Pt: 611 08:55
Matrix: Human Plasma
A1234563241

E9044/0014/UR/011/012.00
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11d 12.00hr

DATE: 07-15-01
LOT: 258 MMG
PROA3-GFP

DATE: 07-15-01
LOT: 243 MMG
PROA3-GFP

N KANE
03-05-01
rDNA-3
7-10-00
rDNA-3.6

 BRADY®

*Laboratory
Applications
Labelling*

SIMPLIFY YOUR LABORATORY IDENTIFICATION

Brady's line of laboratory identification products are designed to serve the nation's biotechnology, agricultural, environmental and forensic researchers.

The new products meet four current labelling challenges associated with sample container tracking: sizing, legibility, durability and increased information requirements.

- ▶ Easy matching to existing vial, slide, and well plate sizes
- ▶ Consistent readability by everyone, every time
- ▶ Chemical-resistance and durability under extreme conditions, including freezer storage, liquid nitrogen, autoclave and hot water baths
- ▶ Easy bar coding, allowing researchers to include more label information and drastically reduce human error

PRINTED LABEL BENEFITS

▶ HAND-WRITTEN VERSUS PRINTED LABELS



Hand-Written Labels

- ▶ Hand-written information difficult to read
- ▶ Ink smears easily when handled
- ▶ Limited write-on area
- ▶ Time consuming
- ▶ Ink fades while stored long term
- ▶ Chemicals and solvents wash away ink



Printed Labels

- ▶ Ink won't smear or fade
- ▶ Crisp, clear and readable text
- ▶ More information fits on label
- ▶ Quickly and easily design and print labels (auto serialise)
- ▶ Increased legibility/durability
- ▶ Chemical and solvent resistant







▶ BAR CODE CAPABILITIES (LINEAR & 2D)

Printed Labels

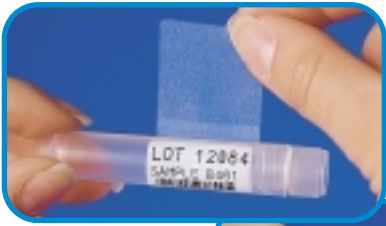
- ▶ Easily identify and retrieve samples
- ▶ Accurately track samples and chemicals from receipt to disposal
- ▶ Eliminate human error with log-in and inventory data entry
- ▶ Automatically update sample information



BAR CODE EXAMPLES

7 mil Examples	10 mil Examples	Symbol Size Row x Column	Bar Code Data Capacity	
			Numeric	Alphanumeric
 3.43 mm 2D / Data Matrix Bar Code	 4.57 mm 2D / Data Matrix Bar Code	18 x 18	36	25
 4.95 mm 2D / Data Matrix Bar Code	 6.60 mm 2D / Data Matrix Bar Code	26 x 26	88	64
 25.40 mm Linear / Code 128 Bar Code	 31.75 mm Linear / Code 128 Bar Code	31.75 mm	10	10

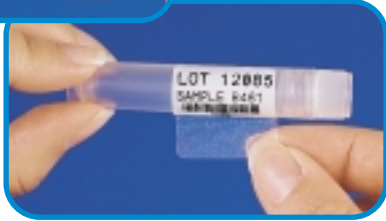
THE BENEFITS OF SELF-LAMINATING WRAP AROUND LABELS



Brady's special self-laminating or wrap around label protects your label's legend from extreme temperature, chemicals and solvents.

- ▶ Clear portion wraps around and laminates the legend
- ▶ Legend is easily visible
- ▶ Legend is protected from spills and scratches
- ▶ Label completely wraps around vial/tube

**For best adhesion, we recommend that you do not touch the adhesive side of the label when wrapping it around your vial or tube.*



LABORATORY IDENTIFICATION APPLICATIONS

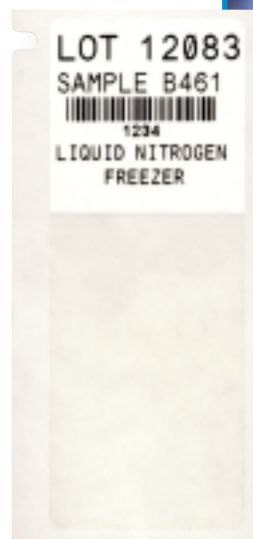
Centrifuge Tube Identification PTL-76-461



Vial Top Identification THT-126-499-3



Cryovial and Test Tube Identification PTL-75-461



Tamper Identification PTL-17-351



LABORATORY IDENTIFICATION APPLICATIONS

CONTINUED

Straw Identification PTL-19-427



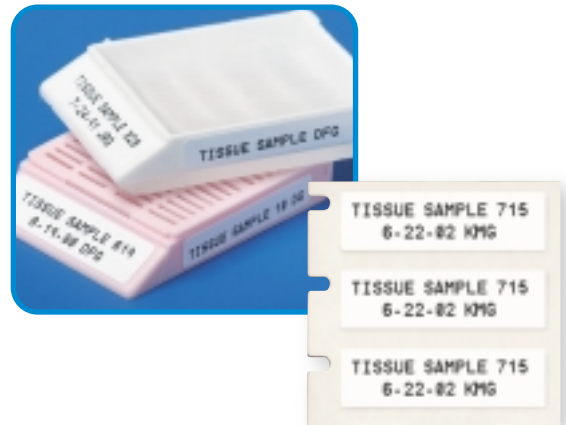
Well Plate Identification THT-142-423-2.5



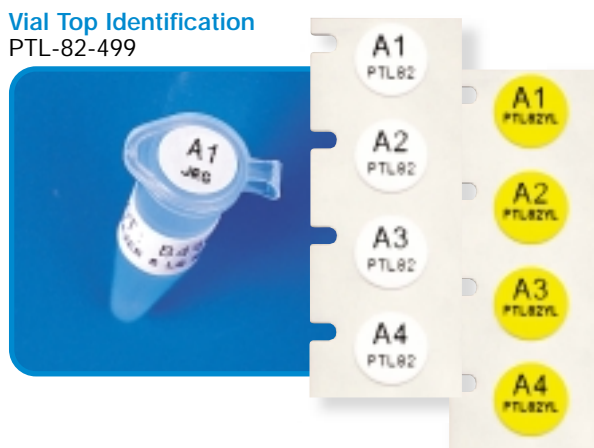
Slide Identification PTL-97-488



Tissue Cassette Identification PTL-15-423



Vial Top Identification PTL-82-499



LABORATORY IDENTIFICATION MATERIALS CHART

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

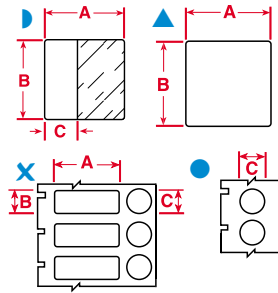
Brady Material Number	Application	Special Properties	Recommended for use in	TLS Ribbon	THT Ribbon Series	Temperature Range °C
PAPER						
B-424	Charts, slides, bottles and general laboratory identification	Permanent adhesive, Good contrast; write-on capabilities	F	■ R-4310	■ R-4300	-70 to 70
NYLON CLOTH						
B-499 ¹	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	F N A	■ R-4310	■ R-4300	-196 to 90 ● 121
B-799	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	F N A			-196 to 90 ● 121
POLYESTER						
B-423	Plates, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces	F A	■ R-6010 * R-4410	■ R-6000	-70 to 120
B-430	Petri dishes, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces; translucent	F A	■ R-6010 * R-4410	■ R-6000	-70 to 120
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	F N A H S L	■ R-4310	■ R-4300	-70 to 100 ● 121 ◆ -196 to 100
B-488	Slides, plates, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces; write-on capabilities; excellent solvent resistance	F A	■ R-4310	■ R-4300	-70 to 120
B-709	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F A R			-70 to 267
B-747	Well plates and general industry identification	Excellent solvent and smudge resistance; high-resolution printing; available in white only	F A			-70 to 267
POLYPROPYLENE						
B-449	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F A R	■ R-4310	■ R-4300	-70 to 120
VINYL						
B-351	Applications requiring evidence of tampering	Tamper-resistant film with a permanent acrylic adhesive; fractures easily to prevent removal	F	■ R-6210	■ R-6200	-70 to 100
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	F N A H S L			-70 to 100 ● 121 ◆ -196 to 100
B-427 ¹	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	F N S	■ R-4310	■ R-4300	-70 to 70 ◆ -196 to 100
VINYL CLOTH						
B-498	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F R	■ R-4310	■ R-4300	-70 to 80

■ Recommended ribbon for use with the material.
 ● Temperature range increases to 121°C when used in autoclave process.
 ◆ Temperature range is -196°C to 100°C if material is wrapped around itself as in self-lamination.
 * Available in colours: Red, White and Blue.

¹ Not for use on glass in liquid nitrogen.

LABEL AND PRINT TECHNOLOGY INDEX BY SIZE

- 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



PART NUMBER EXPLANATION:

Most Brady part numbers for printable labels follow the same three-part format: The first code indicates the technology, the second part is a number indicating the die size used (where applicable) and the third part indicates the Brady material used (where applicable).

PTL-82-499
 TLS2200 technology
 Die # 82
 9.53 mm dia. x 9.53 mm dia.
 Material B-499, Nylon Cloth

THT-143-499
 Thermal Transfer technology
 Die # 143
 9.53 mm dia. x 9.53 mm dia.
 Material B-499, Nylon Cloth

LAT-60-799
 Laser Printable technology
 Die # 60
 9.53 mm dia. x 9.53 mm dia.
 Material B-799, Nylon Cloth

Diagram mm	Portable Printer Part Number	Thermal Transfer Printer Part Number	Laser Printer Part Number	Label Width A mm	Label Height B mm	Write-On Area / Diameter C mm	Special Properties
9.53 Label Diameter							
●	PTL-82-499	THT-143-499-3	LAT-60-799-2.5			9.53 dia.	F N A
●	PTL-82-499-YL					9.53 dia.	F N A
12.70 Label Diameter							
●	PTL-83-499	THT-144-499-3	LAT-61-799-2.5			12.70 dia.	F N A
●	PTL-83-499-YL					12.70 dia.	F N A
12.70 Label Width							
▲	PTL-7-423			12.70	12.70		F A
▲	PTL-8-430			12.70	15 m		F A
19.05 Label Width							
▲	PTL-11-498			19.05	12.70		F R
▲	PTL-11-499	THT-68-499-10	LAT-40-799-1	19.05	12.70		F N A
22.86 Label Width							
▲	PTL-84-499	THT-125-499-3		22.86	12.70		F N A
X		THT-126-499-3		22.86	12.70	12.70 dia.	F N A
▲	PTL-80-424			22.86	19.05		F
▲	PTL-80-488	THT-140-488-3		22.86	19.05		F A
▲	PTL-97-488	THT-141-488-3		22.86	22.86		F A
25.40 Label Width							
▲	PTL-14-423	THT-41-423-10		25.40	4.75		F A
▲	PTL-15-423	THT-51-423-10		25.40	6.35		F A
▲	PTL-16-498			25.40	9.53		F R
▲	PTL-16-499	THT-152-499-3	LAT-8-799-10	25.40	9.53		F N A
X	PTL-98-499			25.40	9.53	9.53 dia.	F N A
▲	PTL-17-351	THT-5-351-10		25.40	12.70		F
▲	PTL-17-423	THT-5-423-10		25.40	12.70		F A
▲	PTL-17-430			25.40	12.70		F A
▲	PTL-17-449		LAT-7-709-10	25.40	12.70		F A R
▲	PTL-17-498			25.40	12.70		F R
▲	PTL-19-427			25.40	25.40	9.53	F N S
▲			LAT-39-799-2.5	25.40	36.50		F N A
▲	PTL-21-427			25.40	63.50	19.05	F N S
▲	PTL-42-439-OR			25.40	15 m		F
▲	PTL-42-439-YL			25.40	15 m		F
27.94 Label Width							
▲	PTL-105-427-AW			27.94	6.35	6.35	F N S

LABEL AND PRINT TECHNOLOGY INDEX BY SIZE

CONTINUED

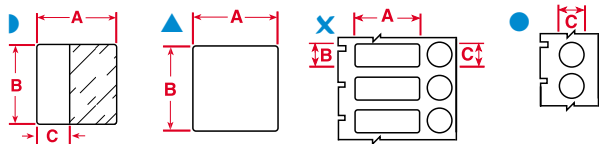
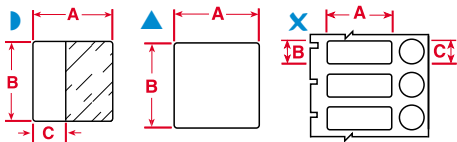


Diagram mm	Portable Printer Part Number	Thermal Transfer Printer Part Number	Laser Printer Part Number	Label Width A mm	Label Height B mm	Write-On Area / Diameter C mm	Special Properties
38.10 Label Width							
▶	PTL-108-461			38.10	4.75	17.78	FNAHSL
▲	PTL-29-498			38.10	12.70		F R
▲	PTL-29-499			38.10	12.70		FNA
▲	PTL-30-427-AW*	THT-135-427-AW-3*		38.10	19.05		F
▲	PTL-30-499	THT-136-499-3		38.10	19.05		FNA
▲	PTL-31-351			38.10	25.40		F
▲	PTL-31-423			38.10	25.40		F A
▲	PTL-31-498			38.10	25.40		F R
▲	PTL-31-499			38.10	25.40		FNA
41.28 Label Width							
▶	PTL-76-461	THT-133-461-3	LAT-56-361-2.5	41.28	15.24	25.40	FNAHSL
45.72 Label Width							
▶	PTL-73-461	THT-123-461-3	LAT-57-361-2.5	45.72	9.53	19.05	FNAHSL
▶	PTL-72-461	THT-122-461-3		45.72	12.70	19.05	FNAHSL
47.62 Label Width							
▶			LAT-10-747-10	47.62	0.25		F A
48.26 Label Width							
▲	PTL-81-488			48.26	6.35		F A
▲	PTL-81-499			48.26	6.35		FNA
▲	PTL-78-427-AW*			48.26	25.40		F
▲	PTL-78-488			48.26	25.40		F A
▲	PTL-78-499			48.26	25.40		FNA
50.80 Label Width							
▲	PTL-2-423	THT-15-423-2.5		50.80	6.35		F A
▲		THT-151-499-3		50.80	6.35		FNA
▲	PTL-20-423	THT-17-423-3		50.80	25.40		F A
▲	PTL-20-351	THT-17-351-3		50.80	25.40		F
▲		THT-137-427-AW-3*		50.80	25.40		F
▲		THT-137-499-3		50.80	25.40		FNA
55.88 Label Width							
▶	PTL-74-427	THT-127-427-3		55.88	12.70	19.05	FN S
▶	PTL-74-461	THT-127-461-3		55.88	12.70	19.05	FNAHSL
63.50 Label Width							
▲		THT-142-423-2.5		63.50	5.08		F A
66.675 Label Width							
▶	PTL-86-461	THT-153-461-3	LAT-59-361-2.5	66.675	15.24	25.40	FNAHSL
▶	PTL-75-427	THT-131-427-3		66.675	25.40	25.40	FN S
▶	PTL-75-461	THT-131-461-3	LAT-58-361-1	66.675	25.40	25.40	FNAHSL
▶	BPTL-75-461			66.675	25.40	25.40	FNAHSL
▶	PTL-75-461-YL			66.675	25.40	25.40	FNAHSL
76.20 Label Width							
▲	PTL-22-423			76.20	25.40		F A
▲	PTL-37-351			76.20	48.26		F
88.90 Label Width							
▶	PTL-77-461	THT-134-461-3		88.90	38.10	31.75	FNAHSL
95.25 Label Width							
▶	PTL-79-461			95.25	19.05	25.40	FNAHSL
▶		THT-10-427-3		95.25	25.40	25.40	FN S
133.35 Label Width							
▶		THT-139-461-2		133.35	25.40	38.10	FNAHSL

* The label is all white.

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

TLS2200 / TLS PC Link Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Printer Ribbon	Special Properties
0.2 ML PCR TUBE								
▶	PTL-108-461	38.10	4.75	17.78	750		R-4310	FNAHSL
0.5 TO 0.7 ML TUBE								
▲	PTL-11-498	19.05	12.70		500		R-6210	F R
▲	PTL-11-499	19.05	12.70		500		R-4310	FNA
▲	PTL-84-499	22.86	12.70		500		R-4310	FNA
▲	PTL-16-498	25.40	9.53		500		R-6210	F R
▲	PTL-16-499	25.40	9.53		500		R-4310	FNA
X	PTL-98-499	25.40	9.53	9.53 dia.	500		R-4310	FNA
▶	PTL-73-461	45.72	9.53	79.05	500	8.00	R-4310	FNAHSL
▶	PTL-72-461	45.72	12.70	79.05	500	8.00	R-4310	FNAHSL
▶	PTL-74-427	55.88	12.70	79.05	100	11.40	R-4310	FN S
▶	PTL-74-461	55.88	12.70	79.05	100	11.40	R-4310	FNAHSL

1.5 TO 2.0 ML TUBE								
▲	PTL-84-499	22.86	12.70		500		R-4310	FNA
▶	PTL-76-461	41.28	15.24	25.40	250	12.00	R-4310	FNAH L
▶	PTL-74-427	55.88	12.70	79.05	100	11.40	R-4310	FN S
▶	PTL-74-461	55.88	12.70	79.05	100	11.40	R-4310	FNAHSL
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R-4310	FNAHSL

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Printer Ribbon	Special Properties
0.5 TO 0.7 ML TUBE								
▲	THT-68-499-10	19.05	12.70		10000		R-4902	FNA
▲	THT-152-499-3	25.40	9.53		3000		R-4306	FNA
▶	THT-123-461-3	45.72	9.53	79.05	3000	8.00	R-4302	FNAHSL
▶	THT-122-461-3	45.72	12.70	79.05	3000	8.00	R-4302	FNAHSL
▶	THT-127-427-3	55.88	12.70	79.05	3000	11.40	R-4302	FN S
▶	THT-127-461-3	55.88	12.70	79.05	3000	11.40	R-4302	FNAHSL

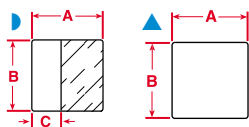
1.5 TO 2.0 ML TUBE								
▲	THT-126-499-3	22.86	12.70		3000		R-4302	FNA
▶	THT-133-461-3	41.28	15.24	25.40	3000	12.00	R-4302	FNAH L
▶	THT-127-427-3	55.88	12.70	79.05	3000	11.40	R-4302	FN S
▶	THT-127-461-3	55.88	12.70	79.05	3000	11.40	R-4302	FNAHSL
▶	THT-153-461-3	66.68	15.24	25.40	3000	13.00	R-4300	FNAHSL

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Special Properties
0.5 TO 0.7 ML TUBE							
▲	LAT-40-799-1	19.05	12.70		1000		FNA
▲	LAT-8-799-10	25.40	9.53		10000		FNA
▶	LAT-57-361-2.5	45.72	9.53	79.05	2500	8.00	FNAHSL

1.2 TO 2.0 ML TUBE							
▶	LAT-56-361-2.5	41.28	15.24	25.40	2500	12.00	FNAH L
▶	LAT-59-361-2.5	66.04	15.24	25.40	2500	13.00	FNAHSL

LABORATORY IDENTIFICATION LABELS

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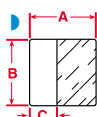
CONICAL / BOTTLE / PETRI DISH / DEEP WELL PLATE LABELS

TLS2200 / TLS PC Link Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Printer Ribbon	Special Properties
14.0 / 15.0 ML CONICAL TUBE								
▶	PTL-77-461	88.90	38.10	31.75	100	16.70	R-4310	FNAHSL
50.0 ML CONICAL TUBE / BOTTLES / PETRI DISH / DEEP WELL PLATE								
▲	PTL-7-423	12.70	12.70		500		R-6010	F A
▲	PTL-8-430	12.70	cont.		15 m		R-6010	F A
▲	PTL-14-423	25.40	4.750		750		R-6010	F A
▲	PTL-15-423	25.40	6.35		750		R-6010	F A
▲	PTL-17-423	25.40	12.70		500		R-6010	F A
▲	PTL-17-430	25.40	12.70		500		R-6010	F A
▲	PTL-17-449	25.40	12.70		500		R-4310	F A R
▲	PTL-17-498	25.40	12.70		500		R-6210	F R
▲	PTL-42-439-OR	25.40	cont.		15 m		R-4310	F
▲	PTL-42-439-YL	25.40	cont.		15 m		R-4310	F
▲	PTL-29-498	38.10	12.70		500		R-6210	F R
▲	PTL-29-499	38.10	12.70		500		R-4310	FNA
▲	PTL-30-427-AW*	38.10	19.05		250		R-4310	F
▲	PTL-30-499	38.10	19.05		250		R-4310	FNA
▲	PTL-31-423	38.10	25.40		250		R-6010	F A
▲	PTL-31-498	38.10	25.40		250		R-6210	F R
▲	PTL-31-499	38.10	25.40		250		R-4310	FNA
▲	PTL-78-427-AW*	48.26	25.40		250		R-4310	F
▲	PTL-78-488	48.26	25.40		250		R-4310	F A
▲	PTL-78-499	48.26	25.40		250		R-4310	FNA
▲	PTL-20-423	50.80	25.40		100		R-6010	F A
▲	PTL-22-423	76.20	25.40		100		R-6010	F A

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Printer Ribbon	Special Properties
14.0 / 15.0 ML CONICAL TUBE								
▲	THT-41-423-10	25.40	4.75		10000		R-6002	F A
▶	THT-134-461-3	88.90	38.10	31.75	3000	16.70	R-4307	FNAHSL
50.0 ML CONICAL TUBE / BOTTLES / PETRI DISH / DEEP WELL PLATE								
▲	THT-51-423-10	25.40	6.35		10000		R-6002	F A
▲	THT-5-423-10	25.40	12.70		10000		R-6002	F A
▲	THT-135-427-AW-3	38.10	19.05		3000		R-4306	F
▲	THT-136-499-3	38.10	19.05		3000		R-4302	FNA
▲	THT-17-423-3	50.80	25.40		3000		R-6002	F A
▲	THT-137-427-AW-3	50.80	25.40		3000		R-4302	F
▲	THT-137-499-3	50.80	25.40		3000		R-4302	FNA
▶	THT-139-461-2	133.35	25.40	38.10	2000	29.00	R-4306	FNAHSL

Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/ Package	Special Properties
50.0 ML CONICAL TUBE / BOTTLES / PETRI DISH / DEEP WELL PLATE					
▲	LAT-7-709-10	25.40	12.70	10000	F A R
▲	LAT-39-799-2.5	25.40	36.50	2500	FNA



STRAW LABELS

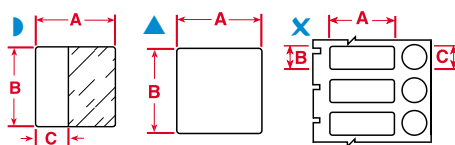
Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Printer Ribbon	Special Properties
0.250 ML STRAW							
▶	PTL-19-427	25.40	25.40	9.53	250	R-4310	FN S
0.5 ML STRAW							
▶	PTL-21-427	25.40	63.50	19.05	100	R-4310	FN S
STRAW ROD							
▶	PTL-105-427-AW*	27.94	6.35	6.35	750	R-4310	F

* The label is all white.

LABORATORY IDENTIFICATION LABELS

CONTINUED

- 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



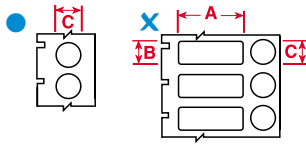
VIAL / TUBE LABELS

TLS2200 / TLS PC Link Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Max. Tube Diameter mm	Printer Ribbon	Special Properties
0.6 ML VIAL / TUBE								
▲	PTL-11-498	19.05	12.70		500		R-6210	F R
▲	PTL-11-499	19.05	12.70		500		R-4310	FNA
▲	PTL-84-499	22.86	12.70		500		R-4310	FNA
▶	PTL-74-427	55.88	12.70	79.05	100	11.40	R-4310	FN S
▶	PTL-74-461	55.88	12.70	79.05	100	11.40	R-4310	FNAHSL
1.0 - 2.0 ML VIAL / TUBE								
▲	PTL-84-499	22.86	12.70		500		R-4310	FNA
X	PTL-98-499	25.40	9.53	9.53 dia.	500		R-4310	FNA
▶	PTL-76-461	41.28	15.24	25.40	250	12.00	R-4310	FNAH L
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R-4310	FNAHSL
▶	PTL-75-427	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
▶	PTL-75-461	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
▶	BPTL-75-461	66.68	25.40	25.40	1000	13.00	R-4310	FNAHSL
▶	PTL-75-461-YL	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
4.0 - 8.0 ML VIAL / TUBE								
▶	PTL-86-461	66.68	15.24	25.40	100	13.00	R-4310	FNAHSL
▶	PTL-75-427	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
▶	PTL-75-461	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
▶	BPTL-75-461	66.68	25.40	25.40	1000	13.00	R-4310	FNAHSL
▶	PTL-75-461-YL	66.68	25.40	25.40	100	13.00	R-4310	FNAHSL
12.0 - 24.0 ML VIAL / TUBE								
▲	PTL-29-498	38.10	12.70		500		R-6210	F R
▲	PTL-29-499	38.10	12.70		500		R-4310	FNA
▶	PTL-77-461	88.90	38.10	31.75	100	22.60	R-4310	FNAHSL
0.6 ML VIAL / TUBE								
▲	THT-68-499-10	19.05	12.70		10000		R-4902	FNA
▲	THT-125-499-3	22.86	12.70		3000		R-4306	FNA
▶	THT-127-427-3	55.88	12.70	79.05	3000	11.40	R-4302	FN S
▶	THT-127-461-3	55.88	12.70	79.05	3000	11.40	R-4302	FNAHSL
1.0 - 2.0 ML VIAL / TUBE								
▲	THT-125-499-3	22.86	12.70		3000		R-4306	FNA
X	THT-126-499-3	22.86	12.70	12.70	3000		R-4306	FNA
▶	THT-133-461-3	41.28	15.24	25.40	3000	12.00	R-4302	FNAH L
▶	THT-153-461-3	66.68	15.24	25.40	3000	13.00	R-4300	FNAHSL
▶	THT-131-427-3	66.68	25.40	25.40	3000	13.00	R-4300	FNAHSL
▶	THT-131-461-3	66.68	25.40	25.40	3000	13.00	R-4300	FNAHSL
4.0 - 8.0 ML VIAL / TUBE								
▶	THT-131-427-3	66.68	25.40	25.40	3000	13.00	R-4300	FNAHSL
▶	THT-131-461-3	66.68	25.40	25.40	3000	13.00	R-4300	FNAHSL
12.0 - 24.0 ML VIAL / TUBE								
▶	THT-134-461-3	88.90	38.10	31.75	3000	22.60	R-4307	FNAHSL
▶	THT-139-461-2	133.35	25.40	25.40	2000	22.60	R-4306	FNAHSL
1.0 - 8.0 ML VIAL / TUBE								
▶	LAT-59-361-2.5	66.04	15.24	25.40	2500	13.00		FNAHSL
▶	LAT-58-361-1	66.68	25.40	25.40	1000	13.00		FNAHSL

LABORATORY IDENTIFICATION LABELS

CONTINUED



VIAL TOP LABELS

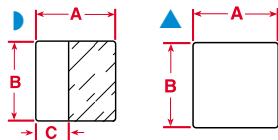
TLS2200 / TLS PC Link Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Printer Ribbon	Special Properties
0.6 ML VIAL / TUBE							
●	PTL-82-499			9.53	500	R-4310	FNA
●	PTL-82-499-YL			9.53	500	R-4310	FNA
X	PTL-98-499	25.40	9.53	9.53	500	R-4310	FNA
1.0 - 2.0 ML VIAL / TUBE							
●	PTL-83-499			12.70	500	R-4310	FNA
●	PTL-83-499-YL			12.70	500	R-4310	FNA

Desktop Thermal Transfer Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Printer Ribbon	Special Properties
0.6 ML VIAL / TUBE							
●	THT-143-499-3			9.53	3000	R-4302	FNA
1.0 - 2.0 ML VIAL / TUBE							
●	THT-144-499-3			12.70	3000	R-4302	FNA
X	THT-126-499-3	22.86	12.70	12.70	3000	R-4302	FNA

Diagram	Part Number	Diameter A mm	Pieces/ Package	Special Properties
1.0 - 2.0 ML VIAL / TUBE				
●	LAT-60-799-2.5	9.53	2500	FNA
4.0 - 8.0 ML VIAL / TUBE				
●	LAT-61-799-2.5	12.70	2500	FNA



SLIDE LABELS

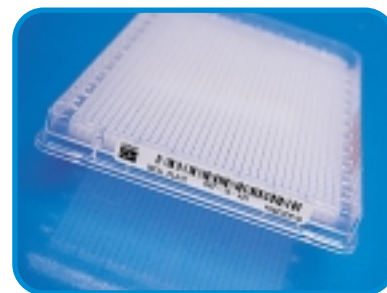
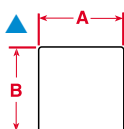
Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Printer Ribbon	Special Properties
▲	PTL-80-424	22.86	19.05		250	R-4310	F
▲	PTL-80-488	22.86	19.05		250	R-4310	F A
▲	PTL-97-488	22.86	22.86		250	R-4310	F A
▸	PTL-79-461	19.05	95.25	25.40	100	R-4310	FNAHSL

Diagram	Part Number	Label Width A mm	Label Height B mm	Write-On Area/ Diameter C mm	Pieces/ Package	Printer Ribbon	Special Properties
▲	THT-140-488-3	22.86	19.05		3000	R-4306	F A
▲	THT-141-488-3	22.86	22.86		3000	R-4306	F A
▸	THT-10-427-3	25.40	95.25	25.40	3000	R-4300	FN S

LABORATORY IDENTIFICATION LABELS

CONTINUED

- 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



WELL PLATE LABELS

TLS2200 / TLS PC Link Labels

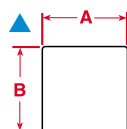
Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/Package	Printer Ribbon	Special Properties
▲	PTL-81-488	48.26	6.35	750	R-4310	F A
▲	PTL-81-499	48.26	6.35	750	R-4310	F N A
▲	PTL-2-423	50.80	6.35	100	R-6010	F A

Desktop Thermal Transfer Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/Package	Printer Ribbon	Special Properties
▲	THT-15-423-2.5	50.80	6.35	2500	R-6000	F A
▲	THT-151-499-3	50.80	6.35	3000	R-4302	F N A
▲	THT-142-423-2.5	63.50	5.08	2500	R-6002	F A

Laser Labels

Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/Package	Special Properties
▲	LAT-10-747-10	47.625	6.35	10000	F A



BOTTLE TAMPER SEAL LABELS

Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/Package	Printer Ribbon	Special Properties
▲	PTL-17-351	25.40	12.70	500	R-6210	F
▲	PTL-31-351	38.10	25.40	250	R-6210	F
▲	PTL-20-351	50.80	25.40	100	R-6210	F
▲	PTL-37-351	76.20	48.26	100	R-6210	F

Diagram	Part Number	Label Width A mm	Label Height B mm	Pieces/Package	Printer Ribbon	Special Properties
▲	THT-5-351-10	25.40	12.70	10000	R-6202	F
▲	THT-17-351-3	50.80	25.40	3000	R-6200	F

DATA COLLECTION AND SOFTWARE

SCANNERS FOR LABORATORY APPLICATIONS



Brady offers a wide variety of scanners, from wedge to wireless, for all of your laboratory needs. Scanners improve sample tracking and help eliminate human error. Identifying and retrieving samples is faster and easier using scanner technology.

A perfect scanner for the laboratory is the Code Reader 300*. Its compact, lightweight and ergonomic design is ideal for cluttered lab benches, desks and testing areas.

**Available in Europe from June 2003*

SOFTWARE



LabelMark™ Labelling Software

LabelMark™ labelling software offers features that make creating labels efficient and accurate. This program is written specifically for identification applications in the lab market. Designed with the user in mind, LabelMark™ labelling software is the logical solution for basic label design, editing and printing.

Part Number	Version
LM	Full version CD-ROM
LM-UP	Upgrade version CD-ROM (version 1.0 or later)

3.5" disk version may be ordered for free after purchase.



CODESOFT™ 6 Label Design Software

CODESOFT™ Labelling Software is the most powerful, feature-rich label design software for the laboratory. It includes features such as printing text, bar codes, 2 dimensional bar codes and ODBC data importing. CODESOFT™ can also be integrated with a LIMS system to print labels on demand. With three levels to choose from, CODESOFT™ can be the foundation of any tracking solution.

Part Number	Version
CS6-ENT	CODESOFT 6 Enterprise CD-ROM
CS6-WIN	CODESOFT 6 Win CD-ROM
CS6-NW05	CODESOFT 6 Network CD-ROM 5 user
CS6-NW10	CODESOFT 6 Network CD-ROM 10 user
CS6-NW25	CODESOFT 6 Network CD-ROM 25 user
CS6-NW50	CODESOFT 6 Network CD-ROM 50 user
CS6-PRE	CODESOFT 6 Premier CD-ROM
CS6-RT	CODESOFT 6 Runtime CD-ROM

TLS2200® THERMAL LABELLING SYSTEM



Brady offers the ultimate answer to your lab's toughest labelling challenges. The easy to use TLS2200® labelling system is a light weight (1.25 kg) hand-held printer that provides capabilities such as thermal transfer printing, bar coding and multiple material configurations. Printing labels for vials, test tubes, well plates, beakers and slides is faster and easier than ever before.

- ▶ Hand-held, portable design
- ▶ PC compatible (using LabelMark™ software)
- ▶ 203 dpi print resolution
- ▶ Easy to serialise or print multiple labels
- ▶ Prints code 3 of 9 bar codes (also prints 128 and UPC bar codes when connected to a PC)
- ▶ Recommended for printing less than 500 labels per day

▶ ACCESSORIES

Part Number	Description
TLS2200	Printer (system includes hard case, R-6210 ribbon, battery pack, battery charger, Quick Start Guide, manual, communications cable, test labels (PTL-19-423), one cleaning card.)

Part Number	Description
TLS2200-ACEUR	AC Adaptor - 220 V
TLS2200-ACUK	AC Adaptor - 240 V
TLS2200-BCEUR	Battery charger - 220 V
TLS2200-BCUK	Battery charger - 240 V
TLS2200-BP	Rechargeable battery pack
TLS2200-SC	Soft side users case
TLS2200-CABLE	Communications cable
PCK-5	Cleaning kit (includes 5 cleaning cards)

TLS PC LINK™ THERMAL LABELLING SYSTEM



The TLS PC Link™ Thermal Labelling System offers a rugged, small and lightweight desktop/portable solution. The printer provides capabilities such as thermal transfer printing, bar coding and label sizes for all your lab needs. The TLS PC Link™ printer utilises all of the available TLS2200® materials and ribbons, and its small size makes it ideal for the lab bench.

- ▶ Transportable / able to hook up to a PC
- ▶ Packaged with LabelMark™ Label Design Software
- ▶ 203 dpi print resolution
- ▶ Recommended for printing less than 500 labels per day

▶ ACCESSORIES

Part Number	Description
TLSPC	Printer (system includes LabelMark™ labelling software, rechargeable battery pack, power supply/battery charger, R-6210 ribbon, sample labels (PTL-19-423), Quick Start Guide, manuals, communications cable, and Windows™ drivers.)

Part Number	Description
TLSPC-ACINTL	AC Adaptor - 240 V
TLSPC-BPINTL	Rechargeable battery pack
TLSPC-CABLEINTL	Communications cable
PCK-5	Cleaning Kit (includes 5 cleaning cards)

TLS2200®/TLS PC LINK™ THERMAL LABELLING SYSTEMS

RIBBONS

TLS2200/TLS PC Link Thermal Labelling Systems Ribbons

Part Number	Description	Length
R-4310	R-4310 black ribbon	22.9 m
R-6010	R-6010 black ribbon	22.9 m
R-6210	R-6210 black ribbon	22.9 m
R-4410-BL	R-4410 blue ribbon	22.9 m
R-4410-RD	R-4410 red ribbon	22.9 m
R-4410-WT	R-4410 white ribbon	22.9 m

TLS2200/TLS PC Link Ribbon Cross Reference Guide

B#’s	Material	Series R-4310	Series R-4410 (colours)	Series R-6010	Series *R-6210
351	Vinyl				●
423	Polyester		●	●	△
424	Paper	●			
427	Vinyl	●			△
430	Polyester		●	●	△
449	Polypropylene	●			
461	Polyester	●			△
488	Polyester	●			
498	Vinyl Cloth	●			
499	Nylon Cloth	●			△

●	Recommended ribbon for use with respective material.
△	Acceptable ribbon for use with respective material.
*	R-6210 ribbon included with printers.

VARIABLE FONT SIZES

Font sizes range from 1 (4 point) to 19 (72 point). The maximum font size available depends on factors such as label size, number of characters, number of lines, as well as font sizes in other lines. When printing directly from your PC to your portable printer, you are able to use any Windows™ fonts.

Font Number	Point Size	Print Sample
1	4	ABC 12345
2	5	ABC 12345
3	6	ABC 12345
4	7	ABC 12345
5	9	ABC 12345
6	10	ABC 12345
7	11	ABC 12345
8	13	ABC 12345
9	14	ABC 12345
10	17	ABC 12345
11	20	ABC 12345
12	23	ABC 12345
13	26	ABC 12345
14	28	ABC 1234
(TLS PC Link Only)		ABC 12
15	35	ABC 12
15	36	ABC 12

Font Number	Point Size	Print Sample
16	45	ABC 1
17	51	ABC 1
18	56	ABC
(TLS PC Link Only)		ABC
19	70	ABC
19	72	ABC

BRADYPRINTER™ MODEL 1344



Small, compact and economical, the Bradyprinter Model 1344 is ideal for your lab bench. Featuring a 300 dpi print resolution and a wide print width of 104 mm, the 1344 printer is ideal for laboratory and general purpose product identification.

Part Number	Description
BP-1344-EUR	Brady Model 1344 - European Version
BP-1344-UK	Brady Model 1344 - UK Version

SPECIFICATIONS

Print resolution	300 dots per inch - 12 dots per mm
Print speeds	Selectable print speeds at 25.6 mm increments from 50.80 mm to 101.60 mm per second
Minimum label length	6.35 mm

BRADYPRINTER™ MODELS 200MVP, 300MVP, 600X-PLUS-II AND 6441



Brady's line of thermal transfer printers produce on demand, permanent printing for all laboratory identification. Brady has models specifically designed to meet the harsh demands of the lab environment. These printers are designed for medium to high print volumes. Featuring print resolutions of 203, 300 and 600 dpi and print widths up to 104 mm, Brady's printers are ideal for slide, well plate and vial identification.

Part Number	Description
Model 200MVP	
BP-THT-200MVP	Brady THT Model 200MVP
BP-THT-200MVP-R	Brady THT Model 200MVP with Internal Rewind
Model 300MVP	
BP-THT-300MVP	Brady THT Model 300MVP
BP-THT-300MVP-R	Brady THT Model 300MVP with Internal Rewind
Model 600X-Plus-II	
BP-THT-600X+II	Brady THT Model 600X-PLUS-II
BP-THT-600X+II-M	Brady THT Model 600X-PLUS-II with Rewind
BP-THT-600X+II-DM	Brady THT Model 600X-PLUS-II with Cutter/Rewind
BP-THT-600X+II-D	Brady THT Model 600X-PLUS-II with Cutter
Model 6441	
BP-THT-6441	Brady THT Model 6441
BP-THT-6441-R	Brady THT Model 6441 with Internal Rewind
BP-THT-6441-C	Brady THT Model 6441 with Cutter

PRINTER APPLICATOR MACHINE PAM 3000



The High performance shuttle dispense system guarantees reliability in a machine that consistently prints and accurately positions labels in almost all laboratory applications.

The PAM 3000 easy-to-use technology prints and applies on a variety of label materials ranging in size from 3.5 mm to 200 mm high, and 5 mm to 116 mm width to identify vial tops or well plates. The PAM 3000 has been designed with Brady's patented dispenser system for precision print, picking and applying labels.

The PAM 3000 offers the versatility of manual or automatic feeding by adding a foot-switch or interfacing to a PLC* to control the print and apply cycle.

SPECIFICATIONS

Print resolution	300 dots per inch - 12 dots per mm
Maximum memory card	4 Mbytes PCMCIA
Maximum print width	106.6 mm
Minimum label width	5 mm
Maximum label width	116 mm
Minimum label height	3.5 mm
Maximum label roll diameter up to	200 mm
Applicator rotation	0° and 90°
Applicator stroke	170 mm
Application cycle time	2.5 - 5.0 seconds
Stroke pressure	Manual or automatically adjustable

*Programmable Logic Controller



Identification Solutions
& Specialty Tapes

www.bradyeurope.com

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 Belgium 32-52-457-811
 Brazil 55-11-3686-4720
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 China (Shanghai) 86-21-6886-3666
 China (Wuxi) 86-510-528-2222
 France 33-1-69-29-67-00

WORLDWIDE LOCATIONS
 Germany 49-6103-7598-0
 Hong Kong 852-2359-3149
 Italy 39-02-9628-6014
 Japan 81-45-461-3605
 Korea 82-31-704-8414
 Latin America 1-414-540-5560
 Malaysia 60-4-646-2700
 Mexico 525-399-6963

New Zealand 61-2-8717-2200
 Philippines 63-2-658-2077
 Singapore 65-6775-7261
 Sweden 46-8-590-057-30
 Taiwan 886-2-2345-1430
 Thailand 66-2-943-0777
 United Kingdom 44-1295-228200
 U.S.A. 1-800-537-8791