

TLS2200® Labeling System

BradyID.com/tls2200

Portable Printers



TLS2200® Label Printer

A rugged, portable, and easy-to-use labeling solution with crisp, thermal-transfer quality printing and a variety of durable materials. Create custom labels for the most demanding applications including product bar code ID, electrical and datacomm marking, laboratory ID, security ID, and more.

TLS PC Link™ Label Printer

A small footprint and lightweight, rugged design makes the TLS PC Link printer a nice fit for a variety of medium volume (approximately 500 labels per print run) applications. It connects to a PC for use with the included LabelMark™ software or other Windows based programs.

The same basic design as the TLS 2200® allows you to utilize the same consumables (including bulk rolls) in both the TLS 2200 and the TLS PC Link.

Online Video!

Visit BradyID.com/tls2200 for more information or to view an online printer demo video.

Your Complete Printing Solution:

TLS Label Rolls.....page 311
TLS Print Ribbons.....page 323



TLS2200® Printer & Accessories

Catalog #	Description
TLS2200	TLS2200 Thermal Label Printer*
TLS2200-AC	TLS2200 AC Power Supply
TLSHM-QUICKCH	TLS2200 Battery Quick Charger

*Includes hard case, battery pack, battery charger, test labels (PTL-19-423), R6210 ribbon, cleaning strip, communications cable, manual, Quick Start Guide and 1 year Limited Warranty.

TLS PC Link® Printer & Accessories

Catalog #	Description
TLSPC	TLS PC Link Thermal Labeling System*
TLSPC-AC	Replacement power supply/battery charger
TLSPC-BP	Rechargeable battery pack
TLSPC-CABLE	Communications cable
PCK-5	Cleaning Kit (5 cleaning cards)

*Includes LabelMark™ labeling software, rechargeable battery pack, power supply/battery charger, R6210 ribbon, sample labels (PTL-19-423), Quick Start Guide, manuals, communications cable, Windows® drivers and 1 year Limited Warranty.

TLS2200® / TLS PC Link Printer Specifications

Max Labels Per Day	Average 750 labels/day
Print Resolution	203 dpi
Print Technology	Thermal Transfer
Print Speed	12 mm/sec (0.47 in/sec)
Tape Widths (inches)	Various sizes from 0.25" to 2.00"
Tape Widths (mm)	Various sizes from 6.4 to 50.8 mm
Max Label Width	2.00" (50.8mm)
Max Print Width	1.810" (46.0mm)
Memory	21,000 characters / None
Materials Supported	PTL-, BPTL- Series 500+ Stock Parts
Continuous vs Die Cut Labels	Continuous and die cut labels
Connectivity Options	Serial
PC Connectivity	Yes
Software Compatibility	LabelMark® / CodeSoft™ Software
Data Transfer from PC to printer	No
Wireless Connectivity	No
Stand Alone Printing	Yes
Color Capability	Single Color Printing
Keyboard	ABC / None
Backlit Screen	No
Text Sizes	1 to 19 (4 to 72 point)
Multi-Line Print	Yes
Print Rotation	Yes
Serialization	Yes
Barcode	128, IFT 25, Codabar
Symbols	44 on keypad / LabelMark Supported Symbols
Portability	Yes / No
Label Types or Application Functions	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length
Applications	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking
Power Supply	Rechargeable Battery, AC Power (optional)
Weight	2.75 lbs (1.25kg) / 2.5 lbs (1.13kg)
Warranty	1 year

Create Custom Labels In Seconds



Wire & Cable Labeling



Voice & Data Communications



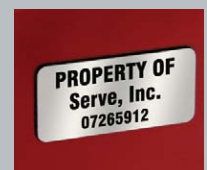
Industrial Barcode Labels



Asset ID



Circuit Board Labels



General ID
...and many more!

Self-Laminating Vinyl Wire & Cable Labels (B-427)

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminates to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

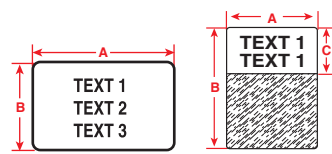


Figure 29

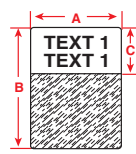


Figure 32



Fits Printer Models	Diagram	Part Number	B-#	Material	Color	Approx. Wire Gauge*	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
TLS, BMP71*	Fig. 29	PTL-105-427-AW	B-427	Vinyl	White	All White	1.100 (27.9)	0.250 (6.4)	0.250 (6.4)	1	750	R4310
TLS, BMP71*	Fig. 32	PTL-10-427	B-427	Vinyl	White	16 to 10	0.250 (6.4)	0.750 (19.1)	0.375 (9.5)	1	750	R4310
TLS, BMP71*	Fig. 32	BM71-11-427	B-427	Vinyl	White	16 to 10	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	1	5000	R4310
TLS, BMP71*	Fig. 32	PTL-11-427	B-427	Vinyl	White	16 to 10	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	1	500	R4310
TLS, BMP71*	Fig. 32	PTL-96-427	B-427	Vinyl	White	16 to 10	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 29	PTL-30-427-AW	B-427	Vinyl	White	All White	1.500 (38.1)	0.750 (19.1)	0.750 (19.1)	1	250	R4310
TLS, BMP71*	Fig. 32	BM71-17-427	B-427	Vinyl	White	12 to 10	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	1	5000	R4310
TLS, BMP71*	Fig. 32	PTL-17-427	B-427	Vinyl	White	12 to 10	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	1	500	R4310
TLS, BMP71*	Fig. 32	BM71-18-427	B-427	Vinyl	White	10 to 4	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	1	2500	R4310
TLS, BMP71*	Fig. 32	PTL-18-427	B-427	Vinyl	White	10 to 4	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-19-427	B-427	Vinyl	White	12 to 10	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 32	BM71-19-427	B-427	Vinyl	White	12 to 10	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	1	2500	R4310
TLS, BMP71*	Fig. 32	PTL-19-642	B-427	Vinyl	White	12 to 10	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-104-427	B-427	Vinyl	White	12 to 10	1.500 (38.1)	1.000 (25.4)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-87-427	B-427	Vinyl	White	12 to 10	1.750 (44.5)	1.000 (25.4)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 29	PTL-78-427-AW	B-427	Vinyl	White	All White	1.900 (48.3)	1.000 (25.4)	1.000 (25.4)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-102-427	B-427	Vinyl	White	10 to 4	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-103-427	B-427	Vinyl	White	10 to 4	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-28-427	B-427	Vinyl	White	10 to 4	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	1	750	R4310
TLS, BMP71*	Fig. 32	BM71-29-427	B-427	Vinyl	White	10 to 4	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	1	5000	R4310
TLS, BMP71*	Fig. 32	PTL-29-427	B-427	Vinyl	White	10 to 4	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	1	500	R4310
TLS, BMP71*	Fig. 32	BM71-30-427	B-427	Vinyl	White	10 to 4	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	1	2500	R4310
TLS, BMP71*	Fig. 32	PTL-30-427	B-427	Vinyl	White	10 to 4	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-31-427	B-427	Vinyl	White	10 to 4	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	BM71-31-427	B-427	Vinyl	White	10 to 4	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	1	2500	R4310
TLS, BMP71*	Fig. 32	PTL-31-642	B-427	Vinyl	White	10 to 4	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	BM71-32-427	B-427	Vinyl	White	10 to 4	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	1	1000	R4310
TLS, BMP71*	Fig. 32	PTL-32-427	B-427	Vinyl	White	10 to 4	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	PTL-88-427	B-427	Vinyl	White	10 to 4	1.750 (44.5)	1.500 (38.1)	0.500 (12.7)	1	250	R4310
TLS, BMP71*	Fig. 32	BM71-107-427	B-427	Vinyl	White	10 to 4	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	1	1000	R4310
TLS, BMP71*	Fig. 32	PTL-107-427	B-427	Vinyl	White	10 to 4	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	1	100	R4310
TLS, BMP71*	Fig. 27	PTL-74-427	B-427	Vinyl	White	Cables	0.500 (12.7)	2.200 (55.8)	0.750 (19.1)	1	100	R4310
TLS, BMP71*	Fig. 32	PTL-21-427	B-427	Vinyl	White	Cables	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	1	100	R4310
TLS, BMP71*	Fig. 32	BM71-21-427	B-427	Vinyl	White	Cables	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	1	1000	R4310
TLS, BMP71*	Fig. 32	PTL-21-642	B-427	Vinyl	White	Cables	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	1	100	R4310
TLS, BMP71*	Fig. 32	PTL-157-427	B-427	Vinyl	White	Cables	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	1	100	R4310
TLS, BMP71*	Fig. 42	PTL-75-427	B-427	Vinyl	White	Cables	1.000 (25.4)	2.625 (66.7)	1.000 (25.4)	1	100	R4310
TLS, BMP71*	Fig. 32	PTL-66-427	B-427	Vinyl	White	Cables	1.938 (49.2)	3.150 (80.0)	1.000 (25.4)	1	100	R4310
TLS, BMP71*	Fig. 32	PTL-77-461	B-427	Vinyl	White	Cables	1.500 (38.1)	3.500 (88.9)	1.250 (31.8)	1	100	R4310
TLS, BMP71*	Fig. 43	PTL-64-427	B-427	Vinyl	White	Cables	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	1	100	R4310
TLS, BMP71*	Fig. 43	BM71-64-427	B-427	Vinyl	White	Cables	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	1	1000	R4310
TLS, BMP71*	Fig. 32	PTL-23-427	B-427	Vinyl	White	Cables	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	1	100	R4310
TLS, BMP71*	Fig. 32	BM71-23-427	B-427	Vinyl	White	Cables	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	1	1000	R4310
TLS, BMP71*	Fig. 32	PTL-33-427	B-427	Vinyl	White	Cables	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	1	100	R4310
TLS, BMP71*	Fig. 32	BM71-33-427	B-427	Vinyl	White	Cables	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	1	500	R4310
TLS, BMP71*	Fig. 32	BM71-109-427	B-427	Vinyl	White	Cables	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	1	500	R4310
TLS, BMP71*	Fig. 56	PTL-109-427	B-427	Vinyl	White	Cables	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	1	100	R4310
TLS, BMP71*	Fig. 32	PTL-34-427	B-427	Vinyl	White	Cables	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	1	50	R4310
TLS, BMP71*	Fig. 32	BM71-34-427	B-427	Vinyl	White	Cables	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	1	500	R4310

B-427 Self-Laminating Vinyl Labels continue on next page.



Finding the correct label height for your Self Laminating labels.

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

Step 1: wire diameter x 3.147 (pi) = wire circumference

Step 2: wire circumference x 1.5 (allowing label to wrap 1.5 times around wire) = total label length

See all TLS2200® and PC Link™ Ribbon parts on page 323.

*Approx. wire gauge based on AWG for THHN wire.

* Yellow media adaptor required for use in the BMP®71 printer. See page 324.