

Selecting Your Printer



Page 191



Page 192



Page 196



Page 200

Features

Keyboard	ABC	ABC	ABC / QWERTY	ABC
Print Technology	THERMAL TRANSFER 180dpi	THERMAL TRANSFER 203dpi	THERMAL TRANSFER 300dpi	THERMAL TRANSFER 203dpi
Weight	1.2 lbs.	2.75 lbs.	2.4 lbs.	2.75 lbs.
Label Width	.750"	2.00"	1.50"	2.00"
Text sizes	5 (7to 28 font)	19 (4 to 72 font)	11 (7 to 128 point)	19 (4 to 72 point)
Roll length (max)	21'	50' / 500' bulk	30'	50' / 500' bulk
Consumables	Continuous 15 stock parts	Continuous / Die cut 65 stock parts	Continues / Die cut 89 stock part	Continuous / Die cut Over 350 stock + Custom
PC Connectivity	No	Firmware Peripheral printing	Firmware	Firmware Peripheral printing
Memory	Last label	10,000 Characters 20+ individual labels	10 labels	21,000 Characters 10 label lists 10+ labels per list
Power Supply	6 AA batteries AC power (optional)	Rechargeable battery AC power (optional)	6 AA batteries AC power (optional)	Rechargeable battery AC power (optional)
Applications	Wire & Cable Marking Bins & Storage General Marking	Panel & Switch ID Junction Boxes Instrumentation ID Gauges Pipe Markers Bins & Storage Asset ID Warning Labels	Wire & Cable (wrap around, self-laminating permasleeve) Data Communications Bins & Storage General & Industrial Marking	Wire & Cable (wrap around, self-laminating permasleeve) Data Communications Bins & Storage General & Industrial Marking Circuit board & component ID Laboratory ID



May We Also Suggest...

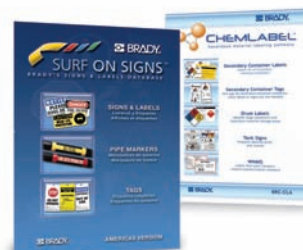
Bench Top Printers

- PowerMark™ Sign and Label Maker lets you create industrial strength signs and labels, 4 to 10 inches wide, in up to four colors. See page 216 for more information.
- GlobalMark® Industrial Label Maker will create your own custom signs, labels, pipemarkers, tags and more on demand with this easy to use, industrial label printer. See page 208 for more information.
- MiniMark™ Industrial Label Printer offers an affordable sign and labelmaking system that is compact, fast, and incredibly versatile. See page 214 for more information.



Software

- MarkWare™ Tape and Label Software on your PC quickly designs professional-looking signs, labels and tags. See page 228 for more information.
- ChemLabel™ Hazardous Material Labeling Software will make it easy to create and print labels for hazardous substance. See page 232 for more information.
- Surf on Signs™ Signs and Label Database allows you to search from thousands of signs, labels, pipe markers or tags and print what you need directly to your Brady printer. See page 234 for more information.

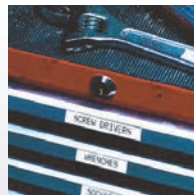




An affordable label and wire marker printer designed for the tool box.

- Creates small labels from 3/8" to 3/4" wide
- *Extremely* easy to use
- Affordably priced
- Super-tough industrial labels even stick to rough, curved or textured surfaces
- Can print both basic labels and wire markers
- Rugged construction...withstands a 4 ft. drop onto concrete!
- Drop & lock cartridge
- Color coded tapes perfect for voice, data, audio, video, HVAC control, safety and electrical applications

Description	Part#
ID Pal Labeling Tool	IDPAL
Carrying Case	IDPAL-HC
AC Adaptor	IDPAL-AC
Impact Guards	IDPAL-IG



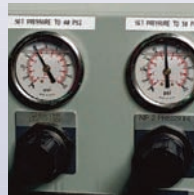
Terrific for labeling tools & tool boxes.



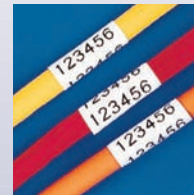
How many bins could you label in your storeroom?



Equip everyone on your team with their own ID Pal.



Banner mode is for basic horizontal labels.



Wire marker mode offers 10 preset lengths.



General mode is for vertical labels.

Vinyl B-439

for general id, curved or textured surfaces

Material	Black	Black	Black	Black	Black	Black
	Black/White	Black/Yellow	Black/Red	Black/Blue	Black/Green	Black/Orange
3/8" x 21' (9mm x 6.4m)	PAL-375-439	PAL-375-439-YL	PAL-375-439-RD	PAL-375-439-BL	PAL-375-439-GR	PAL-375-439-OR
1/2" x 21' (12mm x 6.4m)	PAL-500-439	PAL-500-439-YL	PAL-500-439-RD	PAL-500-439-BL	PAL-500-439-GR	PAL-500-439-OR
3/4" x 21' (18mm x 6.4m)	PAL-750-439	PAL-750-439-YL	PAL-750-439-RD	PAL-750-439-BL	PAL-750-439-GR	PAL-750-439-OR

Nylon Cloth B-499

for wire, cable, curved or highly textured surfaces

Material

Black
Black/White
3/8" x 19' (9mm x 5.79m)
1/2" x 19' (12mm x 5.79m)
3/4" x 19' (18mm x 5.79m)

Polyester B-423

for smooth, flat surfaces

Black
Black/White
3/8" x 21' (9mm x 6.4m)
1/2" x 21' (12mm x 6.4m)
3/4" x 21' (18mm x 6.4m)

Black
Black/Clear
3/8" x 21' (9mm x 6.4m)
1/2" x 21' (12mm x 6.4m)
3/4" x 21' (18mm x 6.4m)

HandiMark® Portable Label Maker



HANDIMark® Portable Label Maker

Create Custom Labels
Any time... Any place...
Any way you want them!

- Create custom labels whenever and wherever you need them
- Rugged construction designed for use in industrial environments
- Super-tough vinyl tapes are specially formulated to perform for years outdoors and in industrial environments
- Lightweight, weighs 2.2 lbs
- Runs on a rechargeable battery or AC power
- US Patent # 's 5,318,370; 5,918,989; 5,951,177; 6,113,293; 6,142,686; D409,230

Repeat print

12 operating languages

English	Dutch
Spanish	Norwegian
French	Swedish
German	Danish
Italian	Portuguese
Finnish	Hungarian

Alpha-numeric sequence

113 built-in symbols & pictos

Type sizes
0.08" to 1.70"

1/2", 1", 2"
tape widths

Outdoor
grade vinyl tape
(14 tape colors,
7 ribbon colors)

- Bold
- Underline
- Italics
- Expand/condense text
- Vertical print
- Superscript/subscript
- Auto fit to specific length
- Frames automatically
- Justify text automatically
- Mirror image

Store 10,000
characters
in memory
or download
from your PC!

Batch labels

Pipe marker application built-in!

Bar code 3 of 9 symbology built-in!



- Includes**
- HandiMark® Portable Label Maker
 - Standard Battery
 - Battery Charger
 - One 25' roll of 2" white tape

- One black ribbon
- Hard carrying case
- Symbols reference chart

Description	Catalog Number
HandiMark® Portable Label Maker	42001
(Includes items listed above.)	

H

Portable Printers & Supplies

Create On the Spot Labels for Whatever Spot You're In

- Fits in the palm of your hand
- Runs on a rechargeable battery or AC power supply
- Has the flexibility and convenience to take the unit along wherever labeling is needed... in the office, in the plant, in a vehicle
- Tags along with you to put information at the point of need, ensuring a safer and more productive working environment



HandiMark® goes where you go!

► Specially Priced HandiMark® Combo Packages

Specially Priced HandiMark® Combo Packages

Description	Catalog Number
HandiMark®, MarkWare™, Cable Kit	20709
HandiMark®, LOTO toolbox, Lockout Pro Software	80159
HandiMark®, GlobalMark™ MonoColor & ValuePlus Pkg.	89235
HandiMark®, GlobalMark™ MultiColor & ValuePlus Pkg.	89238
HandiMark®, GlobalMark™ Color & Cut & ValuePlus Pkg.	89241
HandiMark®, PowerMark™ & ValuePlus Pkg.	30652
HandiMark®, GlobalMark™ MonoColor, PowerMark® & ValuePlus Combo Pkg.	89237
HandiMark®, GlobalMark™ MultiColor, PowerMark® & ValuePlus Combo Pkg.	89240
HandiMark®, GlobalMark™ Color & Cut, PowerMark® & ValuePlus Combo Pkg.	89243

All PowerMark™ combo packages include the BLS1200 & serial cable

► HandiMark® Accessories

HandiMark® Accessories

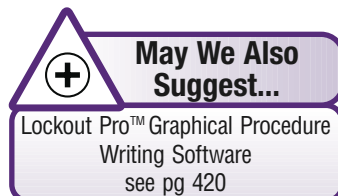
Description	Catalog Number
Spare Battery (Std. Battery) (pictured on p.195)	42008
AC Power Supply (pictured on p.195)	42006
Standard Battery Charger	42007
Quick Charger (pictured on p.195)	42124
Super Charge* (pictured on p.195)	42073
Mega Charge** (pictured on p.195)	42072
Alcohol Cleaning Strips (5 per pkg.)	42009
Soft Case	49199
Spare Hard Carrying Case	42010
Protective Dust Cover for Printer	42005
PC Connecting Cable	42004

*Contents: Quick charger and spare battery.

**Contents: Quick charger, spare battery and AC Power Supply.



Soft Carry Case with Shoulder Strap



Print Your Own Labels Right Now!

The applications are virtually limitless...



Panel & Switch I.D.



Junction Boxes



Bus/Duct I.D.



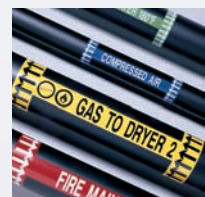
Instrumentation I.D.



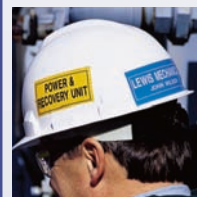
Gauges



Equipment I.D.



Pipe Markers



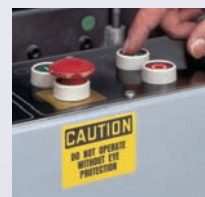
Personnel I.D.



Bin & Shelf I.D.



Asset I.D.



Warning Labels

HandiMark® Tapes

► Industrial Strength!

Easy Loading Supplies...Long Lasting Materials...Your Labels Stay Put!

- HandiMark® uses Brady's easy-to-load ribbons and high quality, industrial strength tapes
- Maximum durability...these are *not* office grade tapes
- Many materials offer 5+ years outdoor durability



Brady's Indoor/Outdoor Grade Tapes for the HandiMark® come in 1/2", 1" and 2" widths and 14 colors.



► Indoor/Outdoor Grade Vinyl Tape (B-580)

- Labels adhere well to pipes, walls, equipment, windows – most clean, dry surfaces
- Conforms well to irregular, curved or rough surfaces – it even stands up to grease, oil and most industrial chemicals
- Five-year average outdoor durability in temperatures from 180°F to -40°F (82°C to -40°C), can be applied as low as 0°F (-18°C)

Description	Catalog Number													
	White	Clear	Yellow	Green	Red	Blue	Lt. Blue	Orange	Black	Tan	Grey	Brown	Gold	Purple
1/2" x 50' (13 mm x 15.2 m)	42018	42076	42022	42026	42030	42034	—	42038	42042	—	42046	42050	42054	42058
1" x 50' (25 mm x 15.2 m)	42019	42077	42023	42027	42031	42035	42133	42039	42043	42135	42047	42051	42055	42059
2" x 50' (51 mm x 15.2 m)	42021	42079	42025	42029	42033	42037	42134	42041	42045	42136	42049	42053	42057	42061

► Reflective Tape (B-584)

- Suitable for indoor or outdoor use
- Reflective capabilities are ideal for reading labels in low light conditions with a flashlight or from a vehicle
- Applications include utility pole and box labeling, door labeling, labeling rooftop equipment and equipment that needs to be viewed from a road side



Description	Catalog Number		
	Reflective White	Reflective Orange	Reflective Yellow
1" x 33' (25 mm x 10 m)	42062	42066	42064
2" x 33' (51 mm x 10 m)	42063	42067	42065

► Repositionable Vinyl Tape (B-581)

- Vinyl tape has a special adhesive that allows easy removal of label to reapply again...and again
- Best choice for indoor marking where frequent repositioning is required, such as shelves



Description	Catalog Number	
	Yellow	White
1/2" x 50' (13 mm x 15.2 m)	42103	42100
1" x 50' (25 mm x 15.2 m)	42104	42101
2" x 50' (51 mm x 15.2 m)	42105	42102

HandiMark® Tapes & Ribbons

► Economy Polypropylene Tape (B-529)

- Ideal, low-cost label
- For use indoors on smooth, flat surfaces
- Available in three sizes, white only



Size	Catalog Number
	
	White
1/2" x 50' (13 mm x 15.2 m)	42068
1" x 50' (25 mm x 15.2 m)	42069
2" x 50' (51 mm x 15.2 m)	42071

► Tamper Resistant Tape (B-530)

- Tape destructs into tiny fragments when tampered with, making removal very tedious and difficult
- White only



Size	Catalog Number
	
	White
1/2" x 50' (13 mm x 15.2 m)	42137
1" x 50' (25 mm x 15.2 m)	42138
2" x 50' (51 mm x 15.2 m)	42139



Industrial Grade Ribbons for the HandiMark® come in seven colors.

► Industrial Grade Print Ribbons

- Super-tough, smear-proof ribbons ensure your printed text lasts for years outdoors and in demanding environments
- One size ribbon fits all tape widths
- Available in seven colors

Size	Catalog Number						
							
	Black	White	Red	Blue	Green	Magenta	Yellow
2" x 75' (51 mm x 23 m)	42011	42012	42013	42014	42015	42016	42123

Handimark® Power Supply

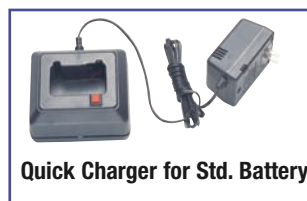
► Power Supply Options

- Quick charger will charge your standard battery in as little as 45 minutes
- Spare standard battery allows you to operate your HandiMark® system in portable mode when the battery provided is charging
- AC power supply allows you to operate your HandiMark® system from an AC power wall outlet

Description	Catalog No.
Spare Battery (Std. Battery)	42008
Spare Standard Battery Charger	42007
AC Power Supply	42006
Quick Charger	42124
Super Charge*	42073
Mega Charge**	42072

*Contents: Quick charger and spare battery.

**Contents: Quick charger, spare battery and AC Power Supply.



Quick Charger for Std. Battery



AC Power Supply



Mega-Charge Power Supply Package



Super Charge Power Supply Package

IDXPERT™ Handheld Labeler



**More Options, More Brains,
More Brawn...Less Waste.**

More Types of Labels

- Colored Continuous tapes for equipment ID and safety warnings
- PermaSleeve™ wire marker sleeves
- Self-Laminating wire & cable markers
- Terminal Block markers
- Patch Panel markers
- Face Plate & Outlet markers
- General-purpose industrial die-cut labels

More Sizes

- Prints from .06" up to 1.25" characters on label stock up to 1.5" wide

More Symbols

- Code 39 and 128 bar codes
- 82 Symbols including electrical, voice/data, safety & protection, warning, and machine & operational

More Brains

- Drop Lock & Go™ Smart Cartridges™ are fast to install and remove
- Electronically pre-calibrated to orient the label just the way you need it with no special keys to press
- Print stand-alone or from a PC (with optional Brady LabelMark™ software)
- Memory to store frequently used set-ups

Prints Clean & Fast

- Users of dot-matrix printers will benefit from crisp, non-smearing thermal transfer print quality, faster print speed and more text-editing and symbols capabilities

Less Waste

- Edge-to-edge printing on continuous tapes so you don't pay for unused label material
- Die-cut labels are pre-cut to the size you need—no waste
- Runs on 6 AAs or optional AC power supply

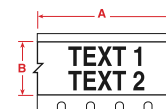


Two printer layouts—identical functionality and supplies.

Catalog No.	Description
XPERT-ABC	Printer*(ABC Layout)
XPERT-HC-ABC	Hard Case for ABC Layout
XPERT-KEY	Printer*(KEYBOARD Layout)
XPERT-HC-KEY	Hard Case for KEYBOARD Layout
XPERT-AC	AC Adapter
LABXPRT-SER-USB	Serial-to-USB adapter for PC cable
PCCABLE-1	Spare PC Cable for Upgrades Only
PCK-6	Cleaning Kit
LM3	LabelMark™ software (single user)

*Printer ships with: Hard Case, 1.5" Cont. Tape, PC cable
Product CD

Diagram



Indoor/Outdoor Grade Facility & Safety Labels

This indoor/5 year outdoor vinyl is very pliable and conforms well to smooth or rough surfaces such as pipes, walls, doors, panels, shelving, bins and equipment. Aggressive permanent adhesive. Excellent resistance to oils, detergents, dirt, grime and many solvents.

- B-580 Indoor/Outdoor Vinyl material
- Permanent adhesive, good for rough surfaces
- Temp Range -40°F to 248°F (-40C to 120C)

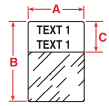
Diagram	Part Number	Labels per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
			A	B	A	B	
⊙	XC-500-580-WT-BK	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	BK on WT
⊙	XC-1000-580-WT-BK	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	BK on WT
⊙	XC-1500-580-WT-BK	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	BK on WT
⊙	XC-500-580-OR-BK	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	BK on OR
⊙	XC-1000-580-OR-BK	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	BK on OR
⊙	XC-1500-580-OR-BK	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	BK on OR
⊙	XC-500-580-YL-BK	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	BK on YL
⊙	XC-1000-580-YL-BK	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	BK on YL
⊙	XC-1500-580-YL-BK	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	BK on YL
⊙	XC-500-580-CL-BK	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	BK on CL
⊙	XC-1000-580-CL-BK	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	BK on CL
⊙	XC-1500-580-CL-BK	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	BK on CL
⊙	XC-500-580-RD-WT	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	WT on RD
⊙	XC-1000-580-RD-WT	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	WT on RD
⊙	XC-1500-580-RD-WT	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	WT on RD
⊙	XC-500-580-GN-WT	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	WT on GN
⊙	XC-1000-580-GN-WT	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	WT on GN
⊙	XC-1500-580-GN-WT	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	WT on GN
⊙	XC-500-580-BL-WT	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	WT on BL
⊙	XC-1000-580-BL-WT	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	WT on BL
⊙	XC-1500-580-BL-WT	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	WT on BL
⊙	XC-500-580-WT-RD	1 roll (cont.)	30 ft.	0.500	9.14m	12.70m	RD on WT
⊙	XC-1000-580-WT-RD	1 roll (cont.)	30 ft.	1.000	9.14m	25.40m	RD on WT
⊙	XC-1500-580-WT-RD	1 roll (cont.)	30 ft.	1.500	9.14m	38.10m	RD on WT



Wire & Cable Markers – Self-Laminating

- Printer automatically “multiple repeats” your text in the white print area
- B-427 Vinyl Self-Laminating material, resistant to water, oil, solvents and abrasion
- UL recognized
- Temp range -94°F to 158°F (-70C to 70C)

Diagram



Wire Gauge*	Max Wire Diameter	Diagram	Part Number	Qty. per Cartridge	Dimensions (in.)			Dimensions (mm)			Color
					A	B	C	A	B	C	
16-10 Gauge	.16" (4mm)	⬇	XSL-11-427	500	0.500	0.750	0.375	12.70mm	19.05mm	9.53mm	BK on WT
16-10 Gauge	.16" (4mm)	⬇	XSL-96-427	250	1.000	0.750	0.375	25.40mm	19.05mm	9.53mm	BK on WT
12-10 Gauge	.21" (5mm)	⬇	XSL-17-427	500	0.500	1.000	0.375	12.70mm	25.40mm	9.53mm	BK on WT
12-10 Gauge	.21" (5mm)	⬇	XSL-18-427	250	0.750	1.000	0.375	19.05mm	25.40mm	9.53mm	BK on WT
12-10 Gauge	.21" (5mm)	⬇	XSL-19-427	250	1.000	1.000	0.375	25.40mm	25.40mm	9.53mm	BK on WT
10-4 Gauge	.27" (7mm)	⬇	XSL-102-427	250	0.500	1.250	0.375	12.70mm	31.75mm	9.53mm	BK on WT
10-4 Gauge	.27" (7mm)	⬇	XSL-103-427	250	1.000	1.250	0.500	25.40mm	31.75mm	12.70mm	BK on WT
10-4 Gauge	.27" (7mm)	⬇	XSL-115-427	250	1.500	1.250	0.500	38.10mm	31.75mm	12.70mm	BK on WT
10-4 Gauge	.32" (8mm)	⬇	XSL-29-427	450	0.500	1.500	0.500	12.70mm	38.10mm	12.70mm	BK on WT
10-4 Gauge	.32" (8mm)	⬇	XSL-30-427	250	0.750	1.500	0.500	19.05mm	38.10mm	12.70mm	BK on WT
10-4 Gauge	.32" (8mm)	⬇	XSL-31-427	250	1.000	1.500	0.500	25.40mm	38.10mm	12.70mm	BK on WT
10-4 Gauge	.32" (8mm)	⬇	XSL-31-427-YL-BK	250	1.000	1.500	0.500	25.40mm	38.10mm	12.70mm	BK on WT
10-4 Gauge	.32" (8mm)	⬇	XSL-32-427	227	1.500	1.500	0.500	38.10mm	38.10mm	12.70mm	BK on WT
3 Gauge-2/0	.53" (14mm)	⬇	XSL-21-427-YL-BK	100	1.000	2.500	0.750	25.40mm	63.50mm	19.05mm	BK on WT
3 Gauge-2/0	.53" (14mm)	⬇	XSL-21-427	100	1.000	2.500	0.750	25.40mm	63.50mm	19.05mm	BK on WT
3 Gauge-2/0	.53" (14mm)	⬇	XSL-116-427	100	1.500	2.500	0.750	38.10mm	63.50mm	19.05mm	BK on WT
3/0-400 kcmil	.85" (22mm)	⬇	XSL-23-427	85	1.000	4.000	1.000	25.40mm	101.60mm	25.40mm	BK on WT
3/0-400 kcmil	.85" (22mm)	⬇	XSL-23-427-YL-BK	100	1.000	4.000	1.000	25.40mm	101.60mm	25.40mm	BK on WT
3/0-400 kcmil	.85" (22mm)	⬇	XSL-33-427	85	1.500	4.000	1.000	38.10mm	101.60mm	25.40mm	BK on WT
500-900 kcmil	1.3" (33mm)	⬇	XSL-34-427	50	1.500	6.000	1.500	38.10mm	152.40mm	38.10mm	BK on WT

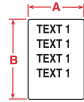
*Approx based on AWG for THHN wire



Wire & Cable Markers – Adhesive Wrap-Around

- Printer automatically “multiple repeats” your text for 360° legend
- B-498 Vinyl Cloth Material with special adhesive stays put, but marker can be removed and reapplied if necessary
- UL recognized
- Temp Range -40°F to 175°F (-40C to 70C)

Diagram



Wire Gauge*	Max Wire Diameter	Diagram	Part Number	Quantity per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
					A	B	A	B	
22-16 Gauge	.11" (2.8mm)	★	X-7-498	300	0.500	0.500	12.70mm	12.70mm	BK on WT
16-10 Gauge	.16" (4mm)	★	X-11-498	275	0.500	0.750	12.70mm	19.05mm	BK on WT
12-10 Gauge	.21" (5mm)	★	X-163-498	225	0.500	1.000	12.70mm	25.40mm	BK on WT
10-4 Gauge	.32" (8mm)	★	X-162-498	165	0.500	1.500	12.70mm	38.10mm	BK on WT
12-10 Gauge	.21" (5mm)	★	X-19-498	200	1.000	1.000	25.40mm	25.40mm	BK on WT
12-10 Gauge	.21" (5mm)	★	X-18-498	225	0.750	1.000	19.05mm	25.40mm	BK on WT
10-4 Gauge	.27" (7mm)	★	X-103-498	200	1.000	1.250	25.40mm	31.75mm	BK on WT
10-4 Gauge	.32" (8mm)	★	X-31-498	165	1.000	1.500	25.40mm	38.10mm	BK on WT
3 Gauge - 2/0	.53" (14mm)	★	X-21-498	95	1.000	2.500	25.40mm	63.50mm	BK on WT
3/0 - 400Kcmil	.85" (22mm)	★	X-23-498	60	1.000	4.000	25.40mm	101.60mm	BK on WT

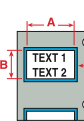
*Approx based on AWG for THHN wire



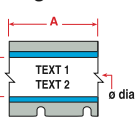
Wire & Cable Markers – PermaSleeve™ Sleeves

- B-342 Heat Shrink Material (3:1 shrink ratio)
- Self-extinguishing—meets material & physical properties of MIL-DTL-23053/5C Class 1, MIL-M-81531, MIL-STD-202F, method 215 and UL 224
- Temp Range -67°F to 275°F (-55C to 135C)

Diagram



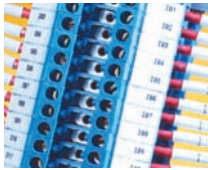
Diagram



Wire Gauge*	Wire Diameter Range	Diagram	Part Number	Quantity per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
					A	B	A	B	
1.015" MARKER LENGTH									
22-16 Gauge	.046-.110" (1.22-2.8mm)	●	XPS-125-1	100	1.015	0.235	25.78mm	5.96mm	BK on WT
18-12 Gauge	.062-.150" (1.6-3.8mm)	●	XPS-187-1	100	1.015	0.335	25.78mm	8.50mm	BK on WT
16-10 Gauge	.094-.215" (2.4-5.5mm)	●	XPS-250-1	100	1.015	0.439	25.78mm	11.15mm	BK on WT
12-6 Gauge	.125-.320" (3.2-8.1mm)	●	XPS-375-1	100	1.015	0.645	25.78mm	16.38mm	BK on WT
CONTINUOUS (CUT TO LENGTH)									
22-16 Gauge	.046-.110" (1.22-2.8mm)	□	XPS-125-CONT	1 roll (cont.)	8 ft.	0.235	2.45m	5.96mm	BK on WT
22-16 Gauge	.046-.110" (1.22-2.8mm)	□	XPS-125-CONT-YL-BK	1 roll (cont.)	8 ft.	0.235	2.45m	5.96mm	BK on YL
18-12 Gauge	.062-.150" (1.6-3.8mm)	□	XPS-187-CONT	1 roll (cont.)	8 ft.	0.335	2.45m	8.5mm	BK on WT
18-12 Gauge	.062-.150" (1.6-3.8mm)	□	XPS-187-CONT-YL-BK	1 roll (cont.)	8 ft.	0.335	2.45m	8.5mm	BK on YL
16-10 Gauge	.094-.215" (2.4-5.5mm)	□	XPS-250-CONT	1 roll (cont.)	8 ft.	0.439	2.45m	11.15mm	BK on WT
16-10 Gauge	.094-.215" (2.4-5.5mm)	□	XPS-250-CONT-YL-BK	1 roll (cont.)	8 ft.	0.439	2.45m	11.15mm	BK on YL
12-6 Gauge	.125-.320" (3.2-8.1mm)	□	XPS-375-CONT	1 roll (cont.)	8 ft.	0.645	2.45m	16.38mm	BK on WT

*Approx based on AWG for THHN wire

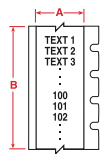
IDXPERT™ Label Cartridges



Terminal Block Markers

- These specially designed narrow-width markers automatically set to fixed spacing and separation between leg ends and automatically rotate to top-down orientation for perfect alignment on terminal blocks. Printer can auto-serialize to save additional time. B-428 Vinyl Cloth material.
- Temp Range -40°F to 175°F (-40°C to 70°C)
- UL Recognized

Diagram



Width of Strip	Diagram	Part Number	Labels per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
				A	B	A	B	
.240" wide	●	XC-240-498	1 roll (cont.)	0.240	20 ft.	6.10mm	7.9m	BK on WT
.318" wide	●	XC-318-498	1 roll (cont.)	0.318	20 ft.	8.07mm	7.9m	BK on WT
.375" wide	●	XC-375-498	1 roll (cont.)	0.375	20 ft.	9.53mm	7.9m	BK on WT

Bins & Storage I.D., General Industrial I.D., Component I.D.



A variety of sizes and extra-aggressive adhesives for bins, drawers, tools and equipment and components inside of panels.

B-483 Ultra-Aggressive Polyester

- Permanent adhesive for textured/powder-coated surfaces
- Temp Range -40°F to 248°F (-40°C to 120°C)
- UL Recognized

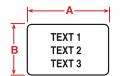
B-580 Indoor/Outdoor Vinyl

- Permanent adhesive, good for rough surfaces
- Wide range of colors
- Temp Range -40°F to 248°F (-40°C to 120°C)

B-428 Metalized Polyester

- Permanent adhesive
- Silver finish
- Temp Range -40°F to 176°F (-40°C to 80°C)
- UL Recognized
- Works best on flat surfaces

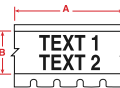
Diagram



Diagram



Diagram



Diagram



B-499 Nylon Cloth Material

- Permanent adhesive
- Pliable, for rough or smooth surfaces
- Temp Range -94°F to 194°F (-70°C to 90°C)
- UL Recognized

B-422 Gloss Polyester

- Permanent adhesive
- For smoother surfaces
- Temp Range -40°F to 212°F (-40°C to 100°C)
- UL Recognized

Material Notes	Diagram	Part Number	Labels per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
				A	B	A	B	
Permanent Nylon Cloth (round label)	✗	X-82-499	300	.375" dia.		9.53mm dia.		BK on WT
Permanent Nylon Cloth (round label)	✗	X-83-499	300	.500" dia.		12.70mm dia.		BK on WT
Permanent Nylon Cloth	▲	X-11-499	275	0.750	0.500	19.05mm	12.70mm	BK on WT
Permanent Nylon Cloth	▲	X-84-499	250	0.900	0.500	22.86mm	12.70mm	BK on WT
Permanent Nylon Cloth (round label)	▲	X-162-499	165	1.500	0.500	38.10mm	12.70mm	BK on WT
Permanent Nylon Cloth (round label)	▲	X-130-499	300	1.500	0.750	38.10mm	19.05mm	BK on WT
Ultra Polyester for textured surfaces	▲	X-17-483	500	1.000	0.500	25.40mm	12.70mm	BK on WT
Ultra Polyester for textured surfaces	▲	X-61-483	100	2.000	0.500	50.80mm	12.70mm	BK on WT
Ultra Polyester for textured surfaces	▲	X-20-483	100	2.000	1.000	50.80mm	25.40mm	BK on WT
Metalized Polyester	▲	X-17-428-SV-BK	500	1.000	0.500	25.40mm	12.70mm	BK on SV
Metalized Polyester (black border)	▲	X-24-428-SVBB-BK	500	1.130	0.500	28.70mm	12.70mm	BK on SV
Metalized Polyester	▲	X-29-428-SV-BK	500	1.500	0.500	38.10mm	12.70mm	BK on SV
Metalized Polyester	▲	X-30-428-SV-BK	325	1.500	0.750	38.10mm	19.05mm	BK on SV
Metalized Polyester	▲	X-20-428-SV-BK	100	2.000	1.000	50.80mm	25.40mm	BK on SV
Gloss Polyester	▲	X-7-422	350	0.500	0.500	12.70mm	12.70mm	BK on WT
Gloss Polyester	▲	X-30-422	250	1.500	0.750	38.10mm	19.05mm	BK on WT
Gloss Polyester	▲	X-19-422	250	1.000	1.000	25.40mm	25.40mm	BK on WT
Gloss Polyester	▲	X-132-422	250	1.500	1.250	38.10mm	31.75mm	BK on WT
Indoor/Outdoor Vinyl (colored supplies)	○	XC-500-580-YL-BK	1 roll (cont.)	30 ft.	0.500	9.14mm	12.70mm	BK on YL*
Indoor/Outdoor Vinyl (colored supplies)	○	XC-1000-580-YL-BK	1 roll (cont.)	30 ft.	1.000	9.14mm	25.40mm	BK on YL*
Indoor/Outdoor Vinyl (colored supplies)	○	XC-1500-580-YL-BK	1 roll (cont.)	30 ft.	1.500	9.14mm	38.10mm	BK on YL*

*also available in Red, Orange, Green, Blue, White, and Clear— refer to **Facility ID Tapes** on Page 454

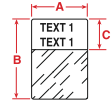


Voice/Data Cable Markers

Ideal for marking data cabling, this cable marker's protected printing offers superior abrasion resistance and resistance to dirt, oils, solvents and water. Marker features a clear, non-printed area which wraps around and overlaminates the printed text. Printer automatically "multiple repeats" your text in the white print area. B-427 Vinyl Self Laminating material.

- Resistant to abrasion, water, oil and solvents
- UL recognized
- Temp range -94°F to 158°F (-70C to 70C)

Diagram D



Sized to Fit	Diagram	Part Number	# per Cartridge	Dimensions (in.)			Dimensions (mm)			Color
				A	B	C	A	B	C	
2 pair Fiber/Coaxial, Single/Multi Mode	D	XSL-19-427	250	1.000	1.000	0.375	25.40mm	25.40mm	9.53mm	BK on WT
CAT-5, 4 pair UTP Copper	D	XSL-102-427	250	0.500	1.250	0.375	12.70mm	31.75mm	9.53mm	BK on WT
CAT-5, 4 pair UTP Copper, Fiber, Coaxial	D	XSL-103-427	250	1.000	1.250	0.500	25.40mm	31.75mm	12.70mm	BK on WT
CAT-5, 4 pair UTP Copper	D	XSL-115-427	250	1.500	1.250	0.500	38.10mm	31.75mm	12.70mm	BK on WT
CAT-5, 4 pair UTP Copper	D	XSL-29-427	500	0.500	1.500	0.500	12.70mm	38.10mm	12.70mm	BK on WT
CAT-5, 4 pair UTP Copper	D	XSL-30-427	250	0.750	1.500	0.500	19.05mm	38.10mm	12.70mm	BK on WT
CAT-5, 4 pair UTP Copper, Fiber, Coaxial	D	XSL-31-427	250	1.000	1.500	0.500	25.40mm	38.10mm	12.70mm	BK on WT
CAT-5, 4 pair UTP Copper, Fiber, Coaxial	D	XSL-31-427-YL-BK	250	1.000	1.500	0.500	25.40mm	38.10mm	12.70mm	BK on YL
CAT-5, 4 pair UTP Copper, Fiber, Coaxial	D	XSL-32-427	250	1.500	1.500	0.500	38.10mm	38.10mm	12.70mm	BK on WT
25 pair Copper, 4-12 pair Fiber, Coaxial	D	XSL-21-427	100	1.000	2.500	0.750	25.40mm	63.50mm	19.05mm	BK on WT
25 pair Copper, 4-12 pair Fiber, Coaxial	D	XSL-21-427-YL-BK	100	1.000	2.500	0.750	25.40mm	63.50mm	19.05mm	BK on YL
25 pair Copper, 4-12 pair Fiber, Coaxial	D	XSL-116-427	100	1.500	2.500	0.750	38.10mm	63.50mm	19.05mm	BK on WT
50 pair Copper, 24 pair Fiber, Backbone	D	XSL-23-427	100	1.000	4.000	1.000	25.40mm	101.60mm	25.40mm	BK on WT
50 pair Copper, 24 pair Fiber, Backbone	D	XSL-23-427-YL-BK	100	1.000	4.000	1.000	25.40mm	101.60mm	25.40mm	BK on YL
50 pair Copper, 24 pair Fiber, Backbone	D	XSL-33-427	100	1.500	4.000	1.000	38.10mm	101.60mm	25.40mm	BK on WT
100 pair Copper, 36 pair Fiber, Backbone	D	XSL-34-427	50	1.500	6.000	1.500	38.10mm	152.40mm	38.10mm	BK on WT



Voice/Data Patch Panel, Outlet & Faceplate Markers

B-422 Gloss Polyester

- Permanent adhesive for smoother surfaces
- Temp Range -40°F to 212°F (-40C to 82C)
- UL Recognized

Diagram A

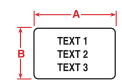
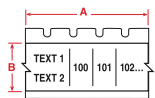


Diagram B



Application	Diagram	Part Number	Labels per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
				A	B	A	B	
Label Each Port	A	X-7-422	350	0.500	0.500	12.70mm	12.70mm	BK on WT
Label Punch Blocks or Multiple Ports on Cont. Tape	B	XC-375-422	1 roll (cont.)	30 ft.	0.375	9.14mm	9.53mm	BK on WT
Label Punch Blocks or Multiple Ports on Cont. Tape	B	XC-475-422	1 roll (cont.)	30 ft.	0.475	9.14mm	12.07mm	BK on WT
Label Faceplate	A	X-17-422	500	1.000	0.500	25.40mm	12.70mm	BK on WT
Label Faceplate	A	X-29-422	500	1.500	0.500	38.10mm	12.70mm	BK on WT



Voice/Data I.D. for Racks, Bays, Frames, Public Network & Data Centers

B-422 Gloss Polyester

- Permanent adhesive
- Temp Range -40°F to 212°F (-40C to 100C)
- UL Recognized

B-483 Ultra-Aggressive Polyester

- Permanent adhesive for textured/powder-coated surfaces
- Temp Range -40°F to 248°F (-40C to 120C)
- UL Recognized

B-580 Indoor/Outdoor Vinyl

- Permanent adhesive, good for rough surfaces
- Wide range of colors
- Temp Range -40°F to 248°F (-40C to 82C)

Diagram A

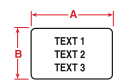
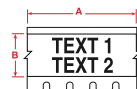


Diagram B



Material Notes	Diagram	Part Number	Labels per Cartridge	Dimensions (in.)		Dimensions (mm)		Color
				A	B	A	B	
Ultra Polyester for textured surfaces	A	X-17-483	500	1.000	0.500	25.40mm	12.70mm	BK on WT
Ultra Polyester for textured surfaces	A	X-61-483	100	2.000	0.500	50.80mm	12.70mm	BK on WT
Ultra Polyester for textured surfaces	A	X-20-483	100	2.000	1.000	50.80mm	25.40mm	BK on WT
Gloss Polyester	A	X-17-422	500	1.000	0.500	25.40mm	12.70mm	BK on WT
Gloss Polyester	A	X-29-422	500	1.500	0.500	38.10mm	12.70mm	BK on WT
Gloss Polyester	A	X-30-422	250	1.500	0.750	38.10mm	19.05mm	BK on WT
Gloss Polyester	A	X-19-422	250	1.000	1.000	25.40mm	25.40mm	BK on WT
Gloss Polyester	B	XC-1000-422	1 roll (cont.)	30 ft.	1.000	9.14mm	25.40mm	BK on WT
Indoor/Outdoor Vinyl (colored supplies)	B	XC-500-580-YL-BK	1 roll (cont.)	30 ft.	0.500	9.14mm	12.70mm	BK on YL*
Indoor/Outdoor Vinyl (colored supplies)	B	XC-1000-580-YL-BK	1 roll (cont.)	30 ft.	1.000	9.14mm	25.40mm	BK on YL*
Indoor/Outdoor Vinyl (colored supplies)	B	XC-1500-580-YL-BK	1 roll (cont.)	30 ft.	1.500	9.14mm	38.10mm	BK on YL*

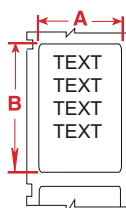
*also available in Red, Orange, Green, Blue, White, and Clear— refer to Facility ID Tapes on Page 454.

TLS2200® THERMAL LABELING SYSTEM

The Industry's Most Powerful Wire & Cable Marking System

- Die cut label supplies
- 500+ label parts available
- 40 label materials
- Thermal transfer print - no smearing!
- Built-in application for wire & cable labeling
- Portable

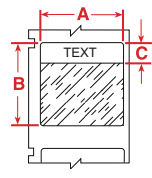
Catalog No.	Description
TLS2200	TLS 2200 Thermal Printing System



General Adhesive Wire & Cable Markers

- Industrial strength Vinyl Cloth (B498) and Nylon Cloth (B499) designed to conform to curved surfaces
- Printer automatically calibrates label and prints multiple lines of wire code legend

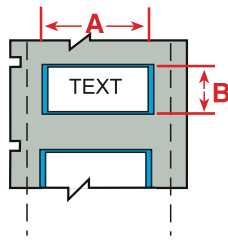
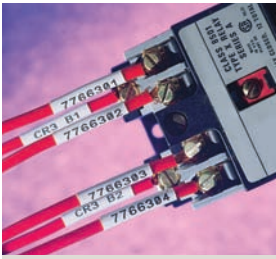
Wire Gauge	Material	Part Number	Labels/Roll	Label Dimensions		Maximum Characters/Line For Font:			Maximum Lines Of Text For Font:		
				Inch (mm) A	Inch (mm) B	2	7	10	2	7	10
16 to 22	Vinyl Cloth	PTL-7-498	500	0.500 (12.70)	0.500 (12.70)	11	5	3	5	2	1
10 to 16	Vinyl Cloth	PTL-10-498	750	0.250 (6.35)	0.750 (19.05)	5	2	1	3	1	1
10 to 16	Vinyl Cloth	PTL-11-498	500	0.500 (12.70)	0.750 (19.05)	11	5	3	8	4	2
10 to 12	Vinyl Cloth	PTL-16-498	500	0.375 (9.52)	1.000 (25.40)	8	3	2	10	5	3
10 to 12	Nylon Cloth	PTL-16-499	500	0.375 (9.52)	1.000 (25.40)	8	3	2	10	5	3
10 to 12	Vinyl Cloth	PTL-17-498	500	0.500 (12.70)	1.000 (25.40)	11	5	3	3	1	1
10 to 12	Vinyl Cloth	PTL-18-498	250	0.750 (19.05)	1.000 (25.40)	18	7	5	10	5	3
10 to 12	Nylon Cloth	PTL-18-499	250	0.750 (19.05)	1.000 (24.40)	18	7	5	10	5	3
10 to 12	Vinyl Cloth	PTL-19-498	250	1.000 (25.40)	1.000 (25.40)	24	10	7	10	5	3
10 to 12	Vinyl Cloth	PTL-19-499	250	1.000 (25.40)	1.000 (25.40)	24	10	7	10	5	3
4 to 10	Vinyl Cloth	PTL-28-498	750	0.250 (6.35)	1.500 (38.10)	5	2	1	16	8	5
4 to 10	Nylon Cloth	PTL-28-499	750	0.500 (12.70)	0.500 (12.70)	5	2	1	16	8	5
4 to 10	Vinyl Cloth	PTL-29-498	500	0.500 (12.70)	0.500 (12.70)	11	5	3	16	8	5
4 to 10	Nylon Cloth	PTL-29-499	500	0.500 (12.70)	1.500 (38.10)	11	5	3	16	8	5
4 to 10	Vinyl Cloth	PTL-30-498	250	0.750 (19.05)	1.500 (38.10)	18	7	5	16	8	5
4 to 10	Nylon Cloth	PTL-30-499	250	0.750 (19.05)	1.500 (38.10)	18	7	5	16	8	5
4 to 10	Vinyl Cloth	PTL-31-498	250	1.000 (25.40)	1.500 (38.10)	24	10	7	16	8	5
4 to 10	Nylon Cloth	PTL-31-499	250	1.000 (25.40)	1.500 (38.10)	24	10	7	16	8	5
Lg. Cable	Vinyl Cloth	PTL-21-498	100	1.000 (25.40)	2.500 (63.50)	24	10	7	23	14	9
Lg. Cable	Vinyl Cloth	PTL-23-498	100	1.000 (25.40)	4.000 (101.60)	24	10	7	23	22	15
Lg. Cable	Vinyl Cloth	PTL-34-498	50	1.500 (38.10)	6.000 (152.40)	37	15	10	64	32	21



Self-Laminating Adhesive Wire & Cable Markers

- Extra-durable B427 material features a clear trailer that wraps over print area to protect the printed text
- Exceptional adhesion to Cat. 5 cable and electrical wires and cable

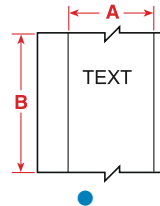
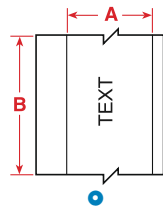
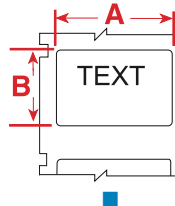
Application	Material	Part Number	Labels/Roll	Label Dimensions			Max. Characters/Line For Font:			Max. Lines Of Text For Font:		
				Inch (mm) A	Inch (mm) B	Inch (mm) C	2	7	10	2	7	10
2 pair Fiber, Single/Multi-Mode	Vinyl Self-lam.	PTL-19-427	250	1.000 (25.40)	1.000 (25.40)	0.375 (9.53)	24	10	7	3	1	1
25 pair Copper, 4-12 pair Fiber	Vinyl Self-lam.	PTL-21-427	100	1.000 (25.40)	2.500 (63.50)	0.750 (19.05)	24	10	7	8	4	2
CAT-5, 4 pair UTP Copper	Vinyl Self-lam.	PTL-64-427	100	1.000 (25.40)	3.375 (85.73)	1.125 (28.58)	24	10	7	12	12	8
50 pair Copper, 24 pair Fiber	Vinyl Self-lam.	PTL-23-427	100	1.000 (25.40)	4.000 (101.60)	1.000 (25.40)	24	10	7	10	5	3
CAT-5, 4 pair UTP Copper	Vinyl Self-lam.	PTL-29-427	500	0.500 (12.70)	1.500 (38.10)	0.500 (12.70)	11	5	3	5	2	1
CAT-5, 4 pair UTP Copper	Vinyl Self-lam.	PTL-30-427	250	0.750 (19.05)	1.500 (38.10)	0.500 (12.70)	18	7	5	5	2	1
CAT-5, 4 pair UTP Copper	Vinyl Self-lam.	PTL-31-427	250	1.000 (25.40)	1.500 (38.10)	0.500 (12.70)	24	10	7	5	2	1
CAT-5, 4 pair UTP Copper	Vinyl Self-lam.	PTL-32-427	250	1.500 (38.10)	1.500 (38.10)	0.500 (12.70)	37	15	10	5	2	1
50 pair Copper, 24 pair Fiber	Vinyl Self-lam.	PTL-33-427	100	1.500 (38.10)	4.000 (101.60)	1.000 (25.40)	37	15	10	10	5	3
100 pair Copper, 36 pair Fiber	Vinyl Self-lam.	PTL-34-427	50	1.500 (38.10)	6.000 (152.40)	1.500 (38.10)	37	15	10	16	8	5



► PermaSleeve™ Wire Marker Sleeves

- Full Circle heat-shrinkable PermaSleeves are made of white polyolefin (3:1 shrink ratio)
- Withstands temps from -65°F to 221°F
- Flame-retardant and Self-extinguishing
- Meets MIL-2305315 (Class 1) Standard

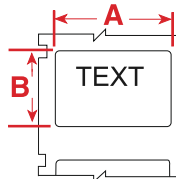
Fits Wire Diameter		Approx. Wire Gauge	Part Number	Sleeves/ Roll	Sleeve Dimensions		Max. Characters/ Line For Font:			Max. Lines Of Text For Font:		
Inch (mm) Min	Inch (mm) Max				Inch (mm) A	Inch (mm) B	2	7	10	2	7	10
0.023 (0.58)	0.080 (2.03)	28-18	PSPT-094-1-WT	100	1.015 (25.78)	0.182 (4.63)	22	0	0	1	0	0
0.046 (1.17)	0.110 (2.79)	22-16	PSPT-125-1-WT	100	1.015 (25.78)	0.235 (5.96)	22	0	0	1	0	0
0.062 (1.57)	0.150 (3.81)	18-12	PSPT-187-1-WT	100	1.015 (25.78)	0.335 (8.50)	22	9	0	2	1	0
0.094 (2.39)	0.215 (5.46)	16-10	PSPT-250-1-WT	100	1.015 (25.78)	0.439 (11.15)	22	9	6	3	1	1
0.125 (3.18)	0.320 (8.13)	12-6	PSPT-375-1-WT	100	1.015 (25.78)	0.645 (16.38)	22	9	6	5	2	1
0.187 (4.75)	0.450 (11.43)	8-1	PSPT-500-1-WT	100	1.015 (25.78)	0.851 (21.62)	22	9	6	3	1	1
1.015 (25.78)	0.950 (24.13)	1-500	PSPT-1000-1-WT	50	1.015 (25.78)	1.660 (42.16)	22	9	6	16	8	5
0.046 (1.17)	0.110 (2.79)	22-16	PSPT-125-175-WT	100	1.765 (44.83)	0.235 (5.96)	41	0	0	1	0	0
0.062 (1.57)	0.150 (3.81)	18-12	PSPT-187-175-WT	100	1.765 (44.83)	0.335 (8.50)	41	17	11	3	1	1
0.094 (2.39)	0.215 (5.46)	16-10	PSPT-250-175-WT	100	1.765 (44.83)	0.439 (11.15)	41	17	11	3	1	1
0.125 (3.18)	0.320 (8.13)	12-6	PSPT-375-175-WT	100	1.765 (44.83)	0.645 (16.38)	41	17	11	5	2	1
0.187 (4.75)	0.450 (11.43)	8-1	PSPT-500-175-WT	100	1.765 (44.83)	0.851 (21.62)	41	17	11	7	3	2
0.450 (11.43)	0.950 (24.13)	1-500	PSPT-1000-175-WT	50	1.765 (44.83)	1.660 (42.16)	41	17	11	16	8	5



► Terminal Block, Patch Panel & Face Plate Labels

- Use individual labels or continuous tape

Diagram	Part Number	Labels/ Roll	Polyester Material Color	Label Dimensions		Application	Max. Char./ Per Line	Max. Lines/ Label
				Inch (mm) A	Inch (mm) B			
■	PTL-7-422	500	White	0.500 (12.70)	0.500 (12.7 m)	Patch panel & face plates—label ea. port	11	5
■	PTL-7-430	500	Clear	0.500 (12.70)	0.500 (12.7 m)	Patch panel & face plates—label ea. port	11	5
●	PTL-46-422	1	White	0.375 (9.50)	50 ft (15.2 m)	Patch panel & face plates—cont. tape, cut-to-size	50	3
●	PTL-46-430	1	Clear	0.375 (9.50)	50 ft (15.2 m)	Patch panel & face plates—cont. tape, cut-to-size	50	3
●	PTL-8-422	1	White	0.500 (12.70)	50 ft (15.2 m)	Patch panel & face plates—cont. tape, cut-to-size	50	5
●	PTL-8-430	1	Clear	0.500 (12.70)	50 ft (15.2 m)	Patch panel & face plates—cont. tape, cut-to-size	50	5
●	PTLTB-498-240	1	White	0.240 (6.10)	30 ft (9.1 m)	Terminal blocks—cont. tape, cut-to-size	5	N/A
●	PTLTB-498-318	1	White	0.318 (8.08)	30 ft (9.1 m)	Terminal blocks—cont. tape, cut-to-size	7	N/A
●	PTLTB-498-375	1	White	0.375 (9.53)	30 ft (9.1 m)	Terminal blocks—cont. tape, cut-to-size	8	N/A



► General Industrial Labels

- White polyester with permanent adhesive

Part Number	Labels/ Roll	Label Dimensions		Max. Char./ Per Line	Max. Lines/ of Text	Maximum Bar Code Characters
		Inch (mm) A	Inch (mm) B			
PTL-5-423	750	0.500 (12.70)	0.200 (5.08)	13	2	0
PTL-6-423	750	0.500 (12.70)	0.275 (6.99)	13	3	0
PTL-7-423	500	0.500 (12.70)	0.500 (12.70)	13	5	0
PTL-9-423	750	0.650 (16.51)	0.200 (5.08)	18	2	2
PTL-10-423	750	0.750 (19.05)	0.250 (6.35)	20	2	2
PTL-13-423	750	0.900 (22.86)	0.250 (6.35)	25	2	4
PTL-15-423	750	1.000 (25.40)	0.275 (6.98)	28	2	4
PTL-16-423	500	1.000 (25.40)	0.375 (9.52)	28	4	4
PTL-17-423	500	1.000 (25.40)	0.500 (12.70)	50	5	8
PTL-19-423	250	1.000 (25.40)	1.000 (25.40)	28	12	4
PTL-20-423	100	2.000 (50.80)	1.000 (25.40)	52	12	11
PTL-26-423	100	2.750 (69.85)	1.250 (31.75)	50	13	18
PTL-28-423	750	1.500 (38.10)	0.250 (6.35)	42	2	8
PTL-29-423	500	1.500 (38.10)	0.500 (12.70)	42	5	8
PTL-37-423	100	3.000 (76.20)	1.900 (48.26)	50	22	20
PTL-38-423	100	4.000 (101.60)	1.900 (48.26)	50	22	25

I.D. Pro® Plus Printer Accessories

Brady continues to manufacture and fully stock the complete range of labels, sleeves and accessories for the I.D. Pro™ Plus Printer!

I.D. PRO® Plus
WIRE MARKER PRINTER

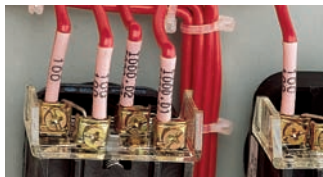
Description	Part#
Hard Side Carrying Case	IDPRO-HC
12-volt Battery Charger	IDPRO-BC12V
Battery Pack	IDPRO-BP
Battery Charger	IDPRO-BC
Black High-Performance Ribbon for PermaSleeve™ and DuraSleeve™	R5300
Black High-Performance Ribbon for all labels and BradySleeve™ (Lighter Print more Smear resistant)	R7300

May We Also Suggest...

IDXPERT™ HandHeld Labeler.
The newest 300dpi Thermal Transfer labeling system.
see pg 196



U.S. Patent Number
D409,230



Adhesive Wire Marking Labels for I.D. Pro® Plus

- Labels are designed for use with the I.D. Pro™ Plus Portable Printer
- Highly durable and easily visible; perfect for all your on-site label or wire marking applications

Label Material	Labels per Roll	Approx. Wire Gauge	Label Dimensions Inch (mm)		Max. Lines of Print	Maximum Characters Across		Part#
			Width	Height		Large	Small	
Nylon Cloth, Permanent Adhesive	500	16-22	.5(12.7)	.5(12.7)	3	3	4	WML-305-499
General-Purpose Vinyl Cloth	500	16-22	.5(12.7)	.5(12.7)	3	3	4	WML-305-502
Nylon Cloth, Permanent Adhesive	250	10-16	.5(12.7)	.75(19.05)	4	3	4	WML-505-499
General-Purpose Vinyl Cloth	250	10-16	.5(12.7)	.75(19.05)	4	3	4	WML-505-502
Nylon Cloth, Permanent Adhesive	250	10-16	1.0(25.4)	.75(19.05)	4	7	10	WML-511-499
General-Purpose Vinyl Cloth	250	10-16	1.0(25.4)	.75(19.05)	4	7	10	WML-511-502
Nylon Cloth, Permanent Adhesive	250	10-12	.5(12.7)	1.0(25.4)	6	3	4	WML-705-499
General-Purpose Vinyl Cloth	250	10-12	.5(12.7)	1.0(25.4)	6	3	4	WML-705-502
Nylon Cloth, Permanent Adhesive	250	10-12	1.0(25.4)	1.0(25.4)	6	7	10	WML-711-499
General-Purpose Vinyl Cloth	250	10-12	1.0(25.4)	1.0(25.4)	6	7	10	WML-711-502
General-Purpose Vinyl Cloth	250	6-10	.5(12.7)	1.25(31.75)	8	3	4	WML-905-502
Nylon Cloth, Permanent Adhesive	250	6-10	1.0(25.4)	1.25(31.75)	8	7	10	WML-911-499
General-Purpose Vinyl Cloth	250	6-10	1.0(25.4)	1.25(31.75)	8	7	10	WML-911-502

Self-Laminating Wire Marker Labels for I.D. Pro® Plus

- Vinyl labels feature clear "trailer" that wraps to protect printed text
- Resistant to oil, water, and solvents

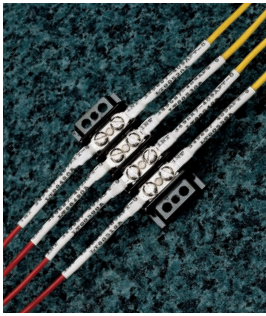


Approx. Wire Gauge	Max. Wire Diameter Inch (mm)	Label Dimensions Inch (mm)		Write-on Area Height	Lines of Print	Max. Characters Across		Part#
		Width	Height			Large	Small	
10-12	.21(5.3)	.5(12.7)	1.0(25.4)	.375(9.53)	2	3	4	WML-205-292-1
10-14	.185(4.7)	.5(12.7)	.75(19.05)	.4(10.16)	2	3	4	WML-205-292-2S*
10-16	.16(4.1)	.5(12.7)	.75(19.05)	.375(9.53)	2	3	4	WML-205-292-75
10-12	.21(5.3)	1.0(25.4)	1.0(25.4)	.375(9.53)	2	7	10	WML-211-292-1
10-16	.16(4.1)	1.0(25.4)	.75(19.05)	.375(9.53)	2	7	10	WML-211-292-75
6-10	.26(6.6)	.50(12.7)	1.25(31.75)	.5(12.7)	3	3	4	WML-305-292
6-10	.26(6.6)	.50(12.7)	1.25(31.75)	.52(13.21)	3	3	4	WML-305-292-2S*
6-10	.26(6.6)	1.0(25.4)	1.25(31.75)	.5(12.7)	3	7	10	WML-311-292
6-10	.26(6.6)	1.5(38.1)	1.25(31.75)	.5(12.7)	3	10	15	WML-317-292

*Labels are scored in half, length-wise. The width is only .25"

H

Portable Printers & Supplies



PermaSleeve™ Wire Marking Sleeves

- Flame retardant Permasleeves-excellent for applications requiring self extinguishing sleeve markers
- Meets MIL-23053/5 (Class 1) Standard
- Full circle tube heat-shrinkable Permasleeves available in white polyolefin
- Withstands temperatures ranging from -65°F to 221°F

Approx. Wire Gauge	Range of Wire Diameter		Sleeve Dimensions		Max. Lines of Print	Max. Characters		
	Min.	Max.	Inch (mm) Width	Height		Across Large	Small	Part#
22-16	.062(1.57)	.110(2.79)	1.0(25.4)	.235(6.0)	1	8	11	PSIDP-111-125
18-12	.094(2.39)	.150(3.81)	1.0(25.4)	.335(8.5)	1	8	11	PSIDP-111-187
16-10	.125(3.18)	.215(5.46)	1.0(25.4)	.439(11.2)	3	8	11	PSIDP-211-250
12-6	.188(4.78)	.320(8.13)	1.0(25.4)	.645(16.4)	3	8	11	PSIDP-311-375

BradySleeve™ Wire Marking Sleeves

- Exclusive topcoat "soaks up" ink and retains it permanently, without additional curing
- Durable BradySleeve markers stand up to tough conditions
- 500 per roll

Approx. Wire Gauge	Range of Wire Diameter		Sleeve Dimensions		Max. Lines of Print	Max. Characters Across		
	Min.	Max.	Inch (mm)	Width		Height	Large	Small
12-18	.075(1.90)	.13(3.30)	1.0(25.40)	3.5(8.90)	1	7	10	WMS-111-321

Multiple-Across Wire Marking Strips - Approx. wire gauge - 10-14

Label Material	Number of Strips Across	Quantity Per Roll Strips/Sets	Label Dimensions Inch (mm)		Max. Lines of Print	Maximum Characters Across		Part#
			Width	Height		Large	Small	
Nylon Cloth	2	500-250	.5(12.7)	.75(19.05)	4	3	4	WML-505-499-2S*
White Vinyl Cloth	2	500/250	.5(12.7)	.75(19.05)	4	3	4	WML-505-502-2S*

*Labels are scored in half, length-wise. The width is only .25"



Cable Marking Labels

- Self-Laminating transparent vinyl
- Clear overlaminate is ideal for cable marking applications
- Resistant to oil, water and solvents
- Withstands temperatures from -40°F to 150°F
- Excellent for underground wiring

Labels Per Roll	Label Dimensions		Write-on Area Height	Max. Lines of Print	Max. Characters		
	Inch (mm)	Width			Height	Across Large	Small
100	1.0(25.4)	2.5(63.5)	.75(19.05)	4	7	10	WML-511-292
100	1.5(38.1)	2.5(63.5)	.75(19.05)	4	10	15	WML-517-292
100	1.0(25.4)	4.0(101.6)	1.0(25.4)	6	7	10	WML-711-292
100	1.5(38.1)	4.0(101.6)	1.0(25.4)	6	10	15	WML-717-292

Component & General Identification Labels

- Suitable for marking components in control panels, electronic components and circuit boards, faceplates and electrical receptacles
- Available in white vinyl cloth with a printable topcoat
- Withstands temperatures from -40°F to 180°F
- Resistant to oil, water and humidity
- Leaves no adhesive residue when removed
- Ideal for permanent or temporary applications



Label Material	Labels per Roll	Label Dimensions		Maximum Lines of Print	Max. Characters Across		
		Inch (mm)	Width		Height	Large	Small
Polyester	500	.5(12.7)	.275(7.0)	1	3	4	CL-105-619
Vinyl Cloth	500	1.0(25.4)	.275(7.0)	1	7	10	CL-111-502
Tamper-Proof Vinyl	500	1.0(25.4)	.275(7.0)	1	7	10	CL-111-607
Polyester	500	1.0(25.4)	.275(7.0)	1	7	10	CL-111-619
Metallized Polyester	500	1.0(25.4)	.275(7.0)	1	7	10	CL-111-969
Polyester	500	1.0(25.4)	.275(7.0)	1	10	15	CL-117-619
Vinyl Cloth	500	1.0(25.4)	.50(12.7)	3	7	10	CL-311-502
Polyester	500	1.0(25.4)	.50(12.7)	3	7	10	CL-311-619
Metallized Polyester	500	1.0(25.4)	.50(12.7)	3	7	10	CL-311-969
Polyester	500	1.5(38.1)	.50(12.7)	3	10	15	CL-317-619
Polyester	250	1.5(38.1)	.75(19.05)	4	10	15	CL-517-619
Polyester	250	1.5(38.1)	1.25(31.75)	8	10	15	CL-917-619

Make Your Own Tags & Pipe Markers



► Make Your Own Valve Tags

- Use your Brady printer to apply labels to these durable tags
- Color Coded tags accept round or flat fastening wire
- Withstands temperatures of -40°F (-40°C) to 180°F (82°C)
- Recessed area for label application on both sides of tag
- 1.5" x 3" Tag accepts labels 1.25" x 2.85" or smaller (use 1.25" or smaller tape on your Brady Printer)
- 2.5" x 4" Tag accepts labels 2.25" x 3.85" or smaller (use 2.25" or smaller tape on your Brady Printer)



Choose from ten bright colors.

Blank Plastic Valve Tags

Catalog Number	Color	Size
41920	Black	1½" x 3"
41921	Black	2½" x 4"
41922	Yellow	1½" x 3"
41923	Yellow	2½" x 4"
41924	Red	1½" x 3"
41925	Red	2½" x 4"
41926	Blue	1½" x 3"
41927	Blue	2½" x 4"
41928	Green	1½" x 3"
41929	Green	2½" x 4"

Catalog Number	Color	Size
87694	Orange	1½" x 3"
87695	Orange	2½" x 4"
87696	White	1½" x 3"
87697	White	2½" x 4"
87698	Grey	1½" x 3"
87699	Grey	2½" x 4"
87710	Brown	1½" x 3"
87711	Brown	2½" x 4"
87712	Tan	1½" x 3"
87713	Tan	2½" x 4"



► Fastening Devices

Description	Catalog Number
Stainless Steel Safety Wire (1800 ft.)	15424
Wire Twister Pliers	15425

(more fastening devices can be found on page 326)



► Quik-ApPLY™ Nylon Straps

- Standard fastener for Quik-ApPLY™ pipe marker sizes Q1-Q4
- Can be used with a variety of tags including valve and lockout/tagouts

Outside Dia.	Strap Length	Catalog #
1"	6"	91165
2"	8"	91166

► Blank HPHV Carrier

- Ideal for marking custom markers on the spot
- Fiberglass carrier is blank (no label) and comes with two clips for installation
- Sized to accommodate the largest ASME (ANSI) requirements, 4.25" x 32"

Catalog Number
59918

May We Also Suggest...

Lead seals and other fastening devices
see pg 326

► Make Your Own BradySnap-On™ Pipe Markers



- Use blank BradySnap-On™ Pipe Markers (B-571 material) in combination with self-sticking pipe markers produced on your Brady HandiMark™, MiniMark™, GlobalMark®, Labelizer Plus™ or PowerMark™ printers
- Create custom snap-on pipe markers on the spot!



► Blank High Performance Wrap-Around Pipe Marker

- Use Brady printers to create custom Wrap-Around Pipe Markers
- Self-sticking label can be applied directly to the Wrap-Around Pipe Marker surface

Size	Blue	Green	Red	Yellow
Size I	57106	57102	57104	57100
Size II	57107	57103	57105	57101

Size	Fits Pipe Outside Diameter*	Length of Marker	Yellow	Green	Red	Blue
A	¾" to 1⅜"	9"	41900	41901	41902	41903
A2L	¾" to 1⅜"	16"	42300	42301	42302	42303
B	1½" to 2⅝"	9"	41904	41905	41906	41907
B2L	1½" to 2⅝"	16"	42304	42305	42306	42307
C	2½" to 3⅞"	16½"	41908	41909	41910	41911
D	4" to 6"	16½"	41912	41913	41914	41915
F/G	6" to 9⅞"	32"	42308	42309	42310	42311
H	10" to 15"	32"	42312	42313	42314	42315

*outside diameter includes pipe O.D. plus any insulation.



NEW

MINIMARK™ INDUSTRIAL LABEL PRINTER

The Next Small Thing in Fast Labeling

It Pays to Think Small

The new Brady MiniMark™ Industrial Label Printer offers an affordable sign and label making solution that is compact, fast, and incredibly versatile.

Brady's MiniMark printer is ideal for:

- Signs
- Pipe Markers
- Equipment ID
- General ID
- Racks and Shelving
- Panel ID
- Procedures
- Asset Management
- And much more

Big Benefits in a Small Package

- VERSATILE – Uses continuous tapes for multiple applications
- EASY – Supplies are easy to load
- FAST – Prints up to three inches per second
- COMPACT – Doesn't take up a lot of space in work areas
- Available with parallel, serial, and USB connectivity
- Built-in cutter minimizes waste

MiniMark™ Printer Specifications

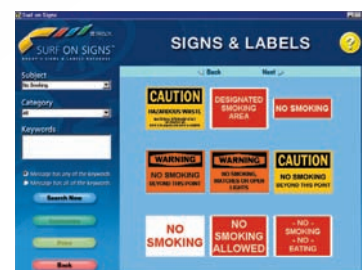
Maximum Printing Width: 4 inches
Minimum Printing Length: From 1 inch to 39 inches

Dimensions: 8 inches wide x 10.25 inches deep
x 7 inches high

Weight: 4.85 pounds

Current – Input: 100-240V / 50 / 60Hz / 1.6A

Current – Output: 24VDC – 2.5A



Ships with Surf on Signs™ Software
see pg. 234 for more information



Catalog No.	Description
52041	MiniMark™ Industrial Label Printer (Surf on Signs Software, USB cable, quickstart, power cord and cleaning kit)
52159	ValuePLUS Package for MiniMark™ Includes: 1 roll each 4" and 2.25" white vinyl tape; MarkWare™ software; and 1 roll of black ribbon.
105030	MiniMark™ Industrial Label Printer and HandiMark® Portable Label Maker Combination Kit
105089	General Industrial Supply Starter Package (Printer Sold Separately) Includes: MarkWare™ software; 2 rolls each of 4" white and yellow vinyl; 2 rolls each of 2.25" white and yellow vinyl; 2 rolls each of 1.125" white and yellow vinyl; and 8 rolls of black ribbon (4 pkgs.)
105088	Pipe Marker Supply Starter Package (Printer Sold Separately) Includes: MarkWare™ software; 3 rolls of 4" yellow vinyl; 1 roll each of 4" red, green, and blue vinyl; 3 rolls of 2.25" yellow vinyl; 1 roll each of 2.25" red, green, and blue vinyl; 1 roll each of 1.125" yellow, red, green, and blue vinyl; and 6 rolls each of black and white ribbon (3 pkgs. each)

Indoor/Outdoor Vinyl Tape Tape Cartridges, 1 per pkg.

Description		Catalog No.		
	4" x 110'	2.25" x 110'	1.125" x 110'	
Clear		52086	52073	52060
White		52087	52074	52062
Yellow		52090	52075	52063
Red		52091	52076	52064
Green		52093	52077	52065
Blue		52094	52078	52066
Orange		52096	52079	52067
Black		52143	52080	52068
Grey		52144	52081	52069
Gold		52145	52082	52070
Brown		52146	52083	52071
Purple		52147	52084	52072



B427 Self-Laminating Die Cut Labels*

Description		Catalog No.	Labels/Roll	
White		.5"x 1.25"	52153	2,800/roll
		1"x 1"	52155	3,275/roll
		1"x 1.25"	52156	2,780/roll
		1"x 2.5"	52157	1,485/roll
		1.5"x 2.5"	52158	1,000/roll

*Use Brady black wax ribbon with die cut labels. Part No. 105031

B438 Tamper-Evident Metallized Polyester Labels*

Description		Catalog No.	Labels/Roll	
Silver		2"x 1"	52148	1,240/roll
		3"x 1"	52149	1,225/roll
		3"x 2"	52150	650/roll
		3"x 110'	52152	Continuous

*Use Brady black wax ribbon with die cut labels. Part No. 105031

Ribbon 4.4" x 290' per roll, 2 rolls/pkg.

Description		Catalog No.
Black		52042
White		52044
Red		52045
Blue		52047
Green		52059
Black Wax		105031

MarkWare™ Facility Identification Software

- Wide range of preformatted templates for sign and label applications
- Freely design custom signs and labels to meet your own needs
- Over 1,000 safety symbols and pictograms



See page 228 for more information



May We Also Suggest...

MarkWare Software & For a wider variety of applications see pg. 228 & 234

