




**Tough on the outside.
Smart on the inside.**

BMP21-PLUS Label Printer



Tough on the outside. Smart on the inside.

Make your life a little easier. Let the BMP21-PLUS Label Printer work for you.

This printer is tough enough and smart enough to help you power through your daily challenges - and still get the job done. It can tackle just about any custom labelling job you can dream up.



- **Tough** - this printer isn't bothered by occasional rough landings in your toolbox or on the job. With rubber bumpers and handy side grips, it's sturdy enough to handle applications in tight spaces or the great outdoors.
- **Smart** - auto-formatting does the design work for your labels so you can focus on enhancing them with more than 100 symbols. Create professional-looking labels for datacom, electrical, safety and home.
- **User friendly** - just load, type and print to make your wire wrap, patch panel and cable flag labelling jobs a snap. For convenience, this printer has a hands-free label grabber that holds your label until you're ready to apply.

Accepts drop-in cartridges with label widths up to 0.75 mm

Compatible with continuous labels in 10 materials



Provides a backlit LCD display

Holds on to label after cutting

Auto-formats labels for common applications

100+ symbols and font size up to 40 points

Sports an ergonomic, center-balanced design

Passes military standard shock and vibration testing

BMP21-PLUS Label Printer Cartridges



Self-laminating vinyl wire and cable labels (B-427)

Labels feature a clear, non-printable area that wraps around the print-on area to protect text. Vinyl material offers superior resistance to solvents, oil, grease, dirt and water. Temp. range: -40° C to 70° C. UL recognised.

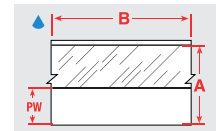


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Printable Area Width PW (mm)	Labels per Roll	Max. Wire Diameter (mm)	Printer Ribbon Series
B-427: Self-laminating Vinyl								
▲	M21-750-427	Black on White, Transparent	19.05	4.30 m	9.53	1	3.00	R4300
▲	M21-1000-427	Black on White, Transparent	25.40	4.30 m	9.53	1	5.10	R4300
▲	M21-1250-427	Black on White, Transparent	31.75	4.30 m	12.70	1	5.70	R4300
▲	M21-1500-427	Black on White, Transparent	38.10	4.30 m	12.70	1	8.10	R4300



Nylon cloth wire and cable labels (B-499)

Continuous labels wrap around wires and are highly pliable, conforming to tightly curved surfaces. When in wire marker mode, text auto-repeats on the label. Labels can also be used for flagging with the flag mode.

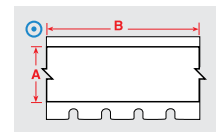


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-499: Nylon Cloth						
⊙	M21-375-499	Black on White	9.53	4.88 m	1	R4300
⊙	M21-500-499	Black on White	12.70	4.88 m	1	R4300
⊙	M21-750-499	Black on White	19.05	4.88 m	1	R4300



BradyGrip Print-on Hook Material (B-414)

BradyGrip Print-on Hook Material is a one-of-a-kind solution that allows identification to be easily printed and placed on bundles. A grippy backing makes it easy to reposition or remove, so no need for costly rework. Just print on and place – it's that simple.

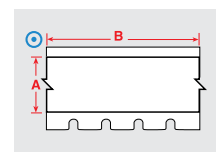


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Recommended Velcro® One-Wrap® size range to use with BradyGrip™ (mm)	Labels per Roll
B-414: Polyester						
⊙	M21-250-414	Black on White	6.35	3.048 m	6.35 - 13.0	1
⊙	M21-500-414	Black on White	12.70	3.048 m	12.7 - 16.0	1
⊙	M21-750-414	Black on White	19.05	3.048 m	19.05 - 50.0	1



PermaSleeve PS Heat-shrink Wire Markers (B-342)

Military/industrial grade sleeves offer the ultimate in marker durability, permanence and aesthetic appearance. 3:1 heat-shrinkable markers fit snugly around wires, are fade-resistant and flame-retardant. Temp range: -55° C to 135° C. RoHS compliant and UL recognised.

Meets specifications:

SSAE-AS-23053/5
SAE-AS-81531

Tested per:

ASTM E162
ASTM E662
MIL-STD-202

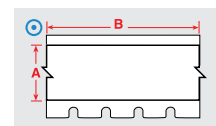


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Min. Wire Diameter (mm)	Max. Wire Diameter (mm)	Printer Ribbon Series
B-342: Heat-shrink Polyolefin								
⊙	M21-125-C-342	Black on White	6.00	2.10 m	1	1.17	2.79	R4300
⊙	M21-187-C-342	Black on White	8.50	2.10 m	1	1.57	3.81	R4300
⊙	M21-250-C-342	Black on White	11.15	2.10 m	1	2.39	5.46	R4300
⊙	M21-375-C-342	Black on White	16.40	2.10 m	1	3.18	8.13	R4300
⊙	M21-125-C-342-YL	Black on Yellow	6.00	2.10 m	1	1.17	2.79	R4300
⊙	M21-187-C-342-YL	Black on Yellow	8.50	2.10 m	1	1.57	3.81	R4300
⊙	M21-250-C-342-YL	Black on Yellow	11.15	2.10 m	1	2.39	5.46	R4300
⊙	M21-375-C-342-YL	Black on Yellow	16.40	2.10 m	1	3.18	8.13	R4300

Patch panel adhesive strips (B-499 and B-595)

Continuous material for port identification features user-specified spacing when using patch panel mode.

B-499 permanent nylon cloth - Durable industrial strength material designed to conform to curved or flat surfaces.

B-595 permanent vinyl - Very pliable, suitable for rough surfaces and outdoor use. Offers excellent resistance to oils, detergents, dirt, grime and many solvents.

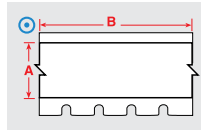


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-499: Nylon Cloth						
	M21-375-499	Black on White	9.53	4.88 m	1	R4300
	M21-500-499	Black on White	12.70	4.88 m	1	R4300
B-595: Vinyl						
	M21-375-595-WT	Black on White	9.53	6.40 m	1	R6000 Halogen Free
	M21-500-580-WT	Black on White	12.70	6.40 m	1	R6000 Halogen Free

Terminal block adhesive strips (B-499)

Continuous, narrow nylon cloth strips for alignment on terminal blocks. The printer's terminal block mode allows for user-specified spacing.

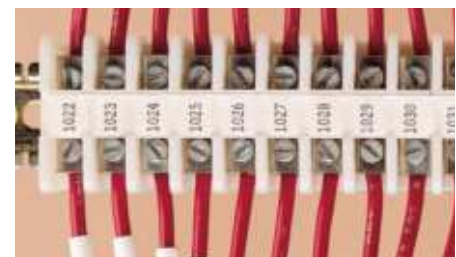
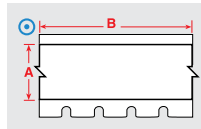


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-499: Nylon Cloth						
	M21-375-499-TB	Black on White	9.53	4.90 m	1	R4300
	M21-500-499-TB	Black on White	12.70	4.90 m	1	R4300

Polyester labels for inside panel markings and general identification (B-423, B-430 and B-488)

- B-423: white glossy polyester with permanent adhesive.
- B-430: clear glossy polyester with permanent adhesive.
- B-488: solvent-resistant, white matte polyester with permanent adhesive.

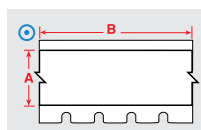


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-423: Polyester						
	M21-250-423	Black on White	6.35	6.40 m	1	R6200
	M21-375-423	Black on White	9.53	6.40 m	1	R6200
	M21-500-423	Black on White	12.70	6.40 m	1	R6200
	M21-750-423	Black on White	19.05	6.40 m	1	R6200
B-430: Polyester						
	M21-250-430	Black on Transparent	6.35	6.40 m	1	R6200
	M21-375-430	Black on Transparent	9.53	6.40 m	1	R6200
	M21-500-430	Black on Transparent	12.70	6.40 m	1	R6200
	M21-750-430	Black on Transparent	19.05	6.40 m	1	R6200
	M21-250-430-WT-CL	White on Transparent	6.35	6.40 m	1	R6200
	M21-375-430-WT-CL	White on Transparent	9.53	6.40 m	1	R6200
	M21-500-430-WT-CL	White on Transparent	12.70	6.40 m	1	R6200
	M21-750-430-WT-CL	White on Transparent	19.05	6.40 m	1	R6200
B-488: Polyester						
	M21-375-488	Black on White	9.53	6.40 m	1	R4300
	M21-500-488	Black on White	12.70	6.40 m	1	R4300
	M21-750-488	Black on White	19.05	6.40 m	1	R4300

Indoor and outdoor vinyl labels for safety, facility and lean / 5S (B-595)



Continuous vinyl material ideal for lean/5S labels, pipe markers, equipment and production area identification. These labels offer excellent resistance to oils, detergents, dirt, grime and many solvents. Permanent adhesive, very pliable, suitable for rough surfaces and outdoor use. 8-10 years average outdoor durability.** Temp. range: -40° C to 82° C.

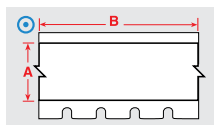


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-595: Vinyl						
⊙	M21-375-595-BK	White on Black	9.53	6.40 m	1	R4400
⊙	M21-500-595-BK	White on Black	12.70	6.40 m	1	R4400
⊙	M21-750-595-BK	White on Black	19.05	6.40 m	1	R4400
⊙	M21-375-595-BL	White on Blue	9.53	6.40 m	1	R4400
⊙	M21-500-595-BL	White on Blue	12.70	6.40 m	1	R4400
⊙	M21-750-595-BL	White on Blue	19.05	6.40 m	1	R4400
⊙	M21-375-595-BR	White on Brown	9.53	6.40 m	1	R4400
⊙	M21-500-595-BR	White on Brown	12.70	6.40 m	1	R4400
⊙	M21-750-595-BR	White on Brown	19.05	6.40 m	1	R4400
⊙	M21-375-595-GN	White on Green	9.53	6.40 m	1	R4400
⊙	M21-500-595-GN	White on Green	12.70	6.40 m	1	R4400
⊙	M21-750-595-GN	White on Green	19.05	6.40 m	1	R4400
⊙	M21-375-595-PL	White on Purple	9.53	6.40 m	1	R4400
⊙	M21-500-595-PL	White on Purple	12.70	6.40 m	1	R4400
⊙	M21-750-595-PL	White on Purple	19.05	6.40 m	1	R4400
⊙	M21-375-595-RD	White on Red	9.53	6.40 m	1	R4400
⊙	M21-500-595-RD	White on Red	12.70	6.40 m	1	R4400
⊙	M21-750-595-RD	White on Red	19.05	6.40 m	1	R4400

Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-595: Vinyl						
⊙	M21-375-595-GY	Black on Grey	9.53	6.40 m	1	R6000 HF*
⊙	M21-500-595-GY	Black on Grey	12.70	6.40 m	1	R6000 HF*
⊙	M21-750-595-GY	Black on Grey	19.05	6.40 m	1	R6000 HF*
⊙	M21-375-595-OR	Black on Orange	9.53	6.40 m	1	R6000 HF*
⊙	M21-500-595-OR	Black on Orange	12.70	6.40 m	1	R6000 HF*
⊙	M21-750-595-OR	Black on Orange	19.05	6.40 m	1	R6000 HF*
⊙	M21-250-595-WT	Black on White	6.35	6.40 m	1	R6000 HF*
⊙	M21-375-595-WT	Black on White	9.53	6.40 m	1	R6000 HF*
⊙	M21-500-595-WT	Black on White	12.70	6.40 m	1	R6000 HF*
⊙	M21-750-595-WT	Black on White	19.05	6.40 m	1	R6000 HF*
⊙	M21-250-595-YL	Black on Yellow	6.35	6.40 m	1	R6000 HF*
⊙	M21-375-595-YL	Black on Yellow	9.53	6.40 m	1	R6000 HF*
⊙	M21-500-595-YL	Black on Yellow	12.70	6.40 m	1	R6000 HF*
⊙	M21-750-595-YL	Black on Yellow	19.05	6.40 m	1	R6000 HF*

*Halogen Free

**Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary.



Water-dissolvable paper labels (B-403)

Continuous paper material designed for temporary identification. Material completely dissolves in warm water within 30 seconds, leaving no adhesive residue.

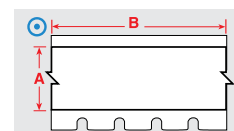


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-403: Paper						
⊙	M21-750-403	Black on White	19.05	6.40 m	1	R4300



Laboratory labels (B-461 and B-7425)

- B-461 polyester - all-white material with smudge resistance, solvent resistance and is suitable for low-temperature applications.
- B-7425 polypropylene - economical white material with chemical and high-temperature resistance.

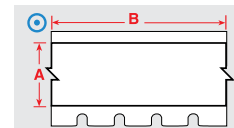


Diagram	Order Reference	Colour	Label Width A (mm)	Label Length B (m)	Labels per Roll	Printer Ribbon Series
B-461: Self-laminating Polyester						
⊙	M21-375-461-AW	Black on White	9.53	6.40 m	1	R4300
⊙	M21-500-461-AW	Black on White	12.70	6.40 m	1	R4300
⊙	M21-750-461-AW	Black on White	19.05	6.40 m	1	R4300
B-7425: Polypropylene						
⊙	M21-375-7425	Black on White	9.53	6.40 m	1	R4300
⊙	M21-500-7425	Black on White	12.70	6.40 m	1	R4300
⊙	M21-750-7425	Black on White	19.05	6.40 m	1	R4300

Label Printer

Article No.	Description
139535	BMP21-PLUS Label Printer - Blister Pack
139779	BMP21-PLUS Label Printer - Blister Pack - Russ

Starter Kit

Article No.	Description
134458	BMP21-PLUS Label Printer - Kit - EU
134461	BMP21-PLUS Label Printer - Kit - Russ
134459	BMP21-PLUS Label Printer - Kit - UK
134460	BMP21-PLUS Label Printer - Kit - US

Application Kits

Article No.	Description
134462	BMP21-PLUS Label Printer - Electrical Printer Kit - EU
134471	BMP21-PLUS Label Printer - Electrical Printer Kit - Russ
134463	BMP21-PLUS Label Printer - Electrical Printer Kit - UK
134464	BMP21-PLUS Label Printer - Electrical Printer Kit - US
134468	BMP21-PLUS Label Printer - TeleDatacom Printer Kit - EU
134472	BMP21-PLUS Label Printer - TeleDatacom Printer Kit - Russ
134469	BMP21-PLUS Label Printer - TeleDatacom Printer Kit - UK
134470	BMP21-PLUS Label Printer - TeleDatacom Printer Kit - US

Accessories

Article No.	Order Reference	Description
110416	BMP21-AC EUR	AC Adaptor, Europe 220V
110417	BMP21-AC UK	AC Adaptor, UK 240V
110891	BMP21-MAGNET	Magnet Only Accessory
110892	BMP21-TOOL	Multifunctional Accessory
110937	BMP21-AC	AC Adaptor, US 110V
139540	BMP21-PLUS-BATT	Rechargeable Lithium Ion battery for the BMP21 PLUS and BMP21 LAB printers
139542	BMP21-PLUS-HC	Hard Case for BMP21, BMP21 PLUS, BMP21 LAB
150617	BMP-SC-1	Protective softbag for portable printers - BMP21/BMP51



Printer specifications

Specifications	
Print Technology	Thermal Transfer
Print Resolution (dpi)	203
Print Speed (mm/sec)	10.00 mm/s
Colour Capability	Monocolour
Continuous vs Die-cut Labels	Continuous
Max. Label Width (mm)	19.05 mm
Max. Print Length	91.44 cm
Recommended Usage per Day	100
Stand-alone Printing (Detached from PC)	Stand-alone
Connectivity Options	None
PC Connectivity	No
Bar Code Type	Code 39 and 128. Datamatrix and QR Code
Built-in Symbols	193
Software Compatibility	
Physical Properties	
Size W x D x L (mm)	
Weight (kg)	0.75 kg
Keyboard Type	ABC
Display	Monocolour LCD Screen
Cutter	Single Hand Manual Actuate Straight Cut
Warranty	2 years



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16/04/2021