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Labels and Labelling Solutions

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**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's tough enough and smart enough to help you power through your daily challenges — and still get the job done. Plus, it can tackle just about any custom labeling 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 labeling 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



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.

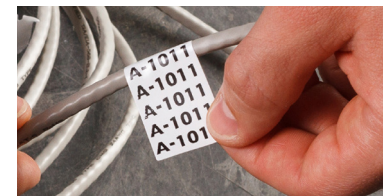


Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-595						
M21-250-595-WT	Vinyl	Black on White	6.35	6.40	1	R6000
M21-375-595-WT	Vinyl	Black on White	9.53	6.40	1	R6000
M21-500-595-WT	Vinyl	Black on White	12.70	6.40	1	R6000
M21-750-595-WT	Vinyl	Black on White	19.05	6.40	1	R6000
M21-250-595-YL	Vinyl	Black on yellow	6.35	6.40	1	R6000
M21-375-595-YL	Vinyl	Black on yellow	9.53	6.40	1	R6000
M21-500-595-YL	Vinyl	Black on yellow	12.70	6.40	1	R6000
M21-750-595-YL	Vinyl	Black on yellow	19.05	6.40	1	R6000
M21-375-595-OR	Vinyl	Black on orange	9.53	6.40	1	R6000
M21-500-595-OR	Vinyl	Black on orange	12.70	6.40	1	R6000
M21-750-595-OR	Vinyl	Black on orange	19.05	6.40	1	R6000
M21-375-595-BK	Vinyl	White on black	9.53	6.40	1	R4400
M21-500-595-BK	Vinyl	White on black	12.70	6.40	1	R4400
M21-750-595-BK	Vinyl	White on black	19.05	6.40	1	R4400
M21-375-595-RD	Vinyl	White on red	9.53	6.40	1	R4400
M21-500-595-RD	Vinyl	White on red	12.70	6.40	1	R4400
M21-750-595-RD	Vinyl	White on red	19.05	6.40	1	R4400
M21-375-595-BL	Vinyl	White on blue	9.53	6.40	1	R4400
M21-500-595-BL	Vinyl	White on blue	12.70	6.40	1	R4400
M21-750-595-BL	Vinyl	White on blue	19.05	6.40	1	R4400
M21-375-595-BR	Vinyl	White on brown	9.53	6.40	1	R4400
M21-500-595-BR	Vinyl	White on brown	12.70	6.40	1	R4400
M21-750-595-BR	Vinyl	White on brown	19.05	6.40	1	R4400
M21-375-595-GN	Vinyl	White on green	9.53	6.40	1	R4400
M21-500-595-GN	Vinyl	White on green	12.70	6.40	1	R4400
M21-750-595-GN	Vinyl	White on green	19.05	6.40	1	R4400
M21-375-595-PL	Vinyl	White on purple	9.53	6.40	1	R4400
M21-500-595-PL	Vinyl	White on purple	12.70	6.40	1	R4400
M21-750-595-PL	Vinyl	White on purple	19.05	6.40	1	R4400
M21-375-595-GY	Vinyl	Black on grey	9.53	6.40	1	R6000
M21-500-595-GY	Vinyl	Black on grey	12.70	6.40	1	R6000
M21-750-595-GY	Vinyl	Black on grey	19.05	6.40	1	R6000

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

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.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-499						
M21-375-499	Nylon cloth	Black on White	9.53	4.88	1	R4300
M21-500-499	Nylon cloth	Black on White	12.70	4.88	1	R4300
M21-750-499	Nylon cloth	Black on White	19.05	4.88	1	R4300

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

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

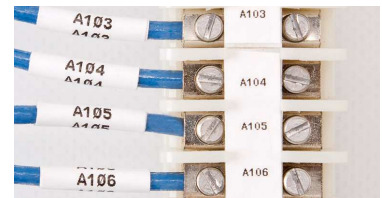
- B-499 permanent nylon cloth - Durable industrial strength material designed to conform to curved or flat surfaces.
- B-595 permanent vinyl - Very pliable, suitable for rough surfaces and outdoor use. Offers excellent resistance to oils, detergents, dirt, grime and many solvents.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-499						
M21-375-499	Nylon cloth	Black on White	9.53	4.88	1	R4300
M21-500-499	Nylon cloth	Black on White	12.70	4.88	1	R4300
B-595						
M21-375-595-WT	Vinyl	Black on White	9.53	6.40	1	R6000
M21-500-595-WT	Vinyl	Black on White	12.70	6.40	1	R6000

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.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-499						
M21-375-499-TB	Nylon cloth	Black on White	9.53	4.88	1	R4300
M21-500-499-TB	Nylon cloth	Black on White	12.70	4.88	1	R4300

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 recognized.



Meets specifications:

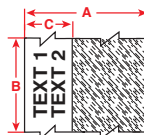
Tested per:

- SSAE-AS-23053/5
- SAE-AS-81531
- ASTM E162
- ASTM E662
- MIL-STD-202

Order Reference	Material	Colour	Supplied dia A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-342						
M21-125-C-342	Polyolefin	Black on white	3.2	2.13	1	R4300
M21-187-C-342	Polyolefin	Black on white	4.9	2.13	1	R4300
M21-250-C-342	Polyolefin	Black on white	6.9	2.13	1	R4300
M21-375-C-342	Polyolefin	Black on white	10.7	2.13	1	R4300
M21-125-C-342-YL	Polyolefin	Black on yellow	3.2	2.13	1	R4300
M21-187-C-342-YL	Polyolefin	Black on yellow	4.9	2.13	1	R4300
M21-250-C-342-Y	Polyolefin	Black on yellow	6.9	2.13	1	R4300
M21-375-C-342-YL	Polyolefin	Black on yellow	10.7	2.13	1	R4300

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

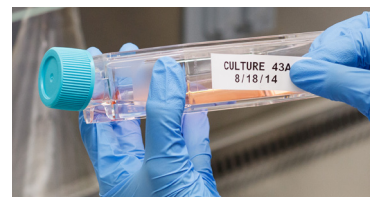
Labels feature a clear, non-printable area that wraps around the print-on area to protect text. Vinyl material offers superior resistance to solvents, oil, grease, dirt and water. Temp. range: -40° C to 70° C.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-427						
M21-750-427	Vinyl	Black on White	19.05	4.27	1	R4300
M21-1000-427	Vinyl	Black on White	25.40	4.27	1	R4300
M21-1250-427	Vinyl	Black on White	30.48	4.27	1	R4300
M21-1500-427	Vinyl	Black on White	38.10	4.27	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.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-461 polyester						
M21-375-461	Polyester	Black on white	9.53	6.40	1	R4300
M21-500-461	Polyester	Black on white	12.70	6.40	1	R4300
M21-750-461	Polyester	Black on white	19.05	6.40	1	R4300
B-7425 polypropylene						
M21-375-7425	Polypropylene	Black on white	9.53	6.40	1	R4300
M21-500-7425	Polypropylene	Black on white	12.70	6.40	1	R4300
M21-750-7425	Polypropylene	Black on white	19.05	6.40	1	R4300

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

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



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-423 gloss white polyester						
M21-250-423	Polyester	Black on white	6.35	6.40	1	R6200
M21-375-423	Polyester	Black on white	9.53	6.40	1	R6200
M21-500-423	Polyester	Black on white	12.70	6.40	1	R6200
M21-750-423	Polyester	Black on white	19.05	6.40	1	R6200
B-430 gloss clear polyester						
M21-250-430	Polyester	Black on white	6.35	6.40	1	R6200
M21-375-430	Polyester	Black on white	9.53	6.40	1	R6200
M21-500-430	Polyester	Black on white	12.70	6.40	1	R6200
M21-750-430	Polyester	Black on white	19.05	6.40	1	R6200
M21-250-430-WT-CL	Polyester	Black on white	6.35	6.40	1	R6200
M21-375-430-WT-CL	Polyester	Black on white	9.53	6.40	1	R6200
M21-500-430-WT-CL	Polyester	Black on white	12.70	6.40	1	R6200
M21-750-430-WT-CL	Polyester	Black on white	19.05	6.40	1	R6200
B-488 matte white polyester						
M21-375-488	Polyester	Black on white	9.53	6.40	1	R4300
M21-500-488	Polyester	Black on white	12.70	6.40	1	R4300
M21-750-488	Polyester	Black on white	19.05	6.40	1	R4300

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.



Order Reference	Material	Colour	Label Width A (mm)	Tape length B (m)	Labels per Roll	Ribbon Series
B-403						
M21-750-403	Dissolvable paper	Black on white	19.05	6.40	1	R4300

BradyGrip Print-on Hook Material (B-414)

Fast, reliable cable ID is now at your fingertips, thanks to a Brady and VELCRO Brand partnership. 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.



Order Reference	Colour	Label Width Aw (mm)	Tape length B (m)	Recommended Velcro® One-Wrap® size range to use with BradyGrip™ (mm)	Ribbon Series
B-414					
M21-250-414	White	6.35	3.05	6.35 - 13.0	R6000
M21-500-414	White	12.70	3.05	12.7 - 16.0	R6000
M21-750-414	White	19.05	3.05	19.05 - 50.0	R6000

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
134459	BMP21-PLUS Label Printer - Kit - UK
134460	BMP21-PLUS Label Printer - Kit - US
134461	BMP21-PLUS Label Printer - Kit - Russ



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 dpi
Print Speed (mm/sec)	10.00 mm/s
Colour Capability	Monocolour
Continuous vs Die-cut Labels	Continuous Tape
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	No
Physical Properties	
Size W x D x L (mm)	125 x 50 x 235
Weight (kg)	0.75 kg
Keyboard Type	ABC
Display	LCD
Cutter	Single Hand Manual Actuate Straight Cut
Warranty	2 years

Africa

Randburg, South Africa
 Tel.: +27 11 704 3295
 Email: africa@bradycorp.com

Benelux

Zele, Belgium
 Tel.: +32 (0) 52 45 78 11
 Email: benelux@bradycorp.com

Central & Eastern Europe

Bratislava, Slovakia
 Tel.: +421 2 3300 4800
 Email: central_europe@bradycorp.com

Denmark

Odense
 Tel.: +45 66 14 44 00
 Email: denmark@bradycorp.com

France

Roncq
 Tel.: +33 (0) 3 20 76 94 48
 Email: france@bradycorp.com

Germany, Austria & Switzerland

Egelsbach, Germany
 Tel.: +49 (0) 6103 7598 660
 Email: germany@bradycorp.com

Hungary

Budaörs
 Tel.: +36 23 500 275
 Email: central_europe@bradycorp.com

Italy

Gorgonzola
 Tel.: +39 02 26 00 00 22
 Email: italy@bradycorp.com

Middle East FZE

Dubai, UAE
 Tel.: +971 4881 2524
 Email: me@bradycorp.com

Norway

Kjeller
 Tel.: +47 70 13 40 00
 Email: norway@bradycorp.com

Russia

Moscow
 Tel.: +7 495 269 47 87
 Email: central_europe@bradycorp.com

Spain & Portugal

Madrid, Spain
 Tel.: +34 900 902 993
 Email: spain@bradycorp.com,
 portugal@bradycorp.com

Sweden, Finland, Baltic states

Kista, Sweden
 Tel.: +46 (0) 8 590 057 30
 Email: sweden@bradyeurope.com

Turkey

Istanbul
 Tel.: +90 212 264 02 20 / 264 02 21
 Email: turkey@bradycorp.com

UK & Ireland

Banbury, UK
 Tel.: +44 (0) 1295 228 288
 Email: uk@bradycorp.com

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Your distributor

Zygology Systems Limited
 Unit 1 The Courtyard
 Furlong Road
 Bourne End
 SL8 5AU

01628 520 440
sales@zygology.co.uk
www.zygology.co.uk

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