

# PORTABLE PRINTERS AND LABELS

## I.D. PRO Plus®, Brady LS2000 and BradyMarker™ XC Plus Labels

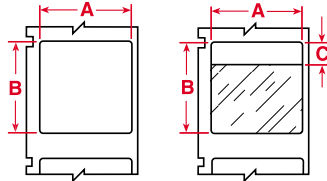
### PRINTER MODEL

PRO = ID PRO/PRO Plus

LS = LS2000

BMXC = BradyMarker XC Plus

ALL = All ID PRO, LS2000, BMXC



### WIRE MARKING LABELS

Part Number	Portable Printer Model	Labels Per Roll	Label Material	Label Width Inch (mm) A	Label Height Inch (mm) B	Write-On Height C	Maximum Lines Of Print (PRO/LS)	Maximum Characters Across Large (PRO/LS)	Maximum Characters Across Small (PRO/LS)
<b>6 to 10 Gauge Wire (AWG) Based on THHN Wire — Maximum Wire Diameter - 0.260 in (6.60 mm)</b>									
WML-905-502	ALL	250	Vinyl Cloth	0.500 (12.70)	1.250 (31.75)	N/A	8/10	3/3	4/7
WML-905-499	ALL	250	Nylon Cloth	0.500 (12.70)	1.250 (31.75)	N/A	8/9	3/3	4/7
WML-905-632	ALL	250	Tedlar®	0.500 (12.70)	1.250 (31.75)	N/A	8/9	3/3	4/7
WML-305-292	ALL	250	Self-Laminating Vinyl	0.500 (12.70)	1.250 (31.75)	0.500 (12.70)	3/4	3/3	4/7
WML-2411-502	LS	250	Vinyl Cloth	0.800 (20.32)	1.500 (38.10)	N/A	12	5	11
WML-0811-292	LS	250	Self-Laminating Vinyl	0.800 (20.32)	1.500 (38.10)	0.500 (12.70)	4	5	11
WML-911-499	ALL	250	Nylon Cloth	1.000 (25.40)	1.250 (31.75)	N/A	8/9	7/7	10/15
WML-911-502	ALL	250	Vinyl Cloth	1.000 (25.40)	1.250 (31.75)	N/A	8/10	7/7	10/15
WML-911-632	ALL	250	Tedlar	1.000 (25.40)	1.250 (31.75)	N/A	8/9	7/7	10/15
WML-311-292**	ALL	250	Self-Laminating Vinyl	1.000 (25.40)	1.250 (31.75)	0.500 (12.70)	3/4	7/7	10/15
WML-917-499	ALL	250	Nylon Cloth	1.500 (38.10)	1.250 (31.75)	N/A	8/9	10/11	15/23
WML-917-502	ALL	250	Vinyl Cloth	1.500 (38.10)	1.250 (31.75)	N/A	8/9	10/11	15/23
WML-317-292	ALL	250	Self-Laminating Vinyl	1.500 (38.10)	1.250 (31.75)	0.500 (12.70)	3/4	10/11	15/23
<b>10 to 12 Gauge Wire (AWG) Based on THHN Wire — Maximum Wire Diameter - 0.210 in (5.30 mm)</b>									
WML-705-499	ALL	250	Nylon Cloth	0.500 (12.70)	1.000 (25.40)	N/A	6/7	3/3	4/7
WML-705-502	ALL	250	Vinyl Cloth	0.500 (12.70)	1.000 (25.40)	N/A	6/8	3/3	4/7
WML-705-632	ALL	250	Tedlar	0.500 (12.70)	1.000 (25.40)	N/A	6/7	3/3	4/7
WML-205-292-1	ALL	250	Self-Laminating Vinyl	0.500 (12.70)	1.000 (25.40)	0.375 (9.53)	2/3	3/3	4/7
WML-711-499	ALL	250	Nylon Cloth	1.000 (25.40)	1.000 (25.40)	N/A	6/7	7/7	10/15
WML-711-502	ALL	250	Vinyl Cloth	1.000 (25.40)	1.000 (25.40)	N/A	6/8	7/7	10/15
WML-711-632	ALL	250	Tedlar	1.000 (25.40)	1.000 (25.40)	N/A	6/7	7/7	10/15
WML-211-292-1**	ALL	250	Self-Laminating Vinyl	1.000 (25.40)	1.000 (25.40)	0.375 (9.53)	2/3	7/7	10/15
<b>10 to 16 Gauge Wire (AWG) Based on THHN Wire — Maximum Wire Diameter - 0.160 in (4.10 mm)</b>									
WML-505-499	ALL	250	Nylon Cloth	0.500 (12.70)	0.750 (19.05)	N/A	4/8	3/3	4/7
WML-505-502	ALL	250	Vinyl Cloth	0.500 (12.70)	0.750 (19.05)	N/A	4/8	3/3	4/7
WML-505-632	ALL	250	Tedlar	0.500 (12.70)	0.750 (19.05)	N/A	4/8	3/3	4/7
WML-205-292-75	ALL	250	Self-Laminating Vinyl	0.500 (12.70)	0.750 (19.05)	0.375 (9.53)	2/3	3/3	4/7
WML-511-499	ALL	250	Nylon Cloth	1.000 (25.40)	0.750 (19.05)	N/A	4/5	7/7	10/15
WML-511-502	ALL	250	Vinyl Cloth	1.000 (25.40)	0.750 (19.05)	N/A	4/8	7/7	10/15
WML-511-632	ALL	250	Tedlar	1.000 (25.40)	0.750 (19.05)	N/A	4/5	7/7	10/15
WML-211-292-75**	ALL	250	Self-Laminating Vinyl	1.000 (25.40)	0.750 (19.05)	0.375 (9.53)	2/3	7/7	10/15
WML-517-499	ALL	250	Nylon Cloth	1.500 (38.10)	0.750 (19.05)	N/A	4/5	10/11	15/23
WML-517-502	ALL	250	Vinyl Cloth	1.500 (38.10)	0.750 (19.05)	N/A	4/5	10/11	15/23
<b>16 to 22 Gauge Wire (AWG) Based on THHN Wire — Maximum Wire Diameter - 0.110 in (2.80 mm)</b>									
WML-305-499	ALL	500	Nylon Cloth	0.500 (12.70)	0.500 (12.70)	N/A	3/3	3/3	4/7
WML-305-502	ALL	500	Vinyl Cloth	0.500 (12.70)	0.500 (12.70)	N/A	3/4	3/3	4/7
WML-305-632	ALL	500	Tedlar	0.500 (12.70)	0.500 (12.70)	N/A	3/4	3/3	4/7











Tedlar® is a registered trademark of DuPont.

\*\*Also available in: BL=blue, BR=brown, GR=green, GY=grey, OR=orange, PL=purple, RD=red, YL=yellow.



Standard product: Contact your Brady Identification Solutions distributor or Customer Service representative for ordering information.

PORTABLE PRINTERS AND LABELS I.D. PRO PLUS, BRADY LS2000 AND BRADYMARKER XC PLUS LABELS

# Dot Matrix Portable Printer Materials Chart

Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
<b>NYLON CLOTH</b>					
B-499	193 (90)	White	Matte	Low profile through-conduit wire marker	Low-profile; permanent adhesive 
<b>PAPER</b>					
B-122	150 (66)	White	Matte	General labeling	Destroys on removal
<b>POLYESTER</b>					
B-619	311 (155)	White	Matte	Bar code labels	Solvent and heat resistant  
B-620	311 (155)	White	Matte	Tag for outdoor or harsh environments	Solvent, heat, abrasion resistant
B-621	221 (105)	Clear	Matte	Computer-printable overlamine	Transparent write-on coating
B-969	311 (155)	Silver	Matte	Metallized permanent label	Print receptive  
<b>POLYIMIDE</b>					
B-652	572 (300)	Amber	Matte	Top- or bottom-side board application for SMT or Through hole	Withstands extremely high temperatures
<b>POLYOLEFIN</b>					
B-319	221 (105)	White	Matte	Sleeve markers	Permanent, non-shrinkable
B-321	221 (105)	White/Yellow	Matte	Sleeve markers	Permanent, shrinkable
B-322	221 (105)	White/Yellow	Matte	Sleeve markers	Permanent, shrinkable, self-extinguishing
B-330	NA (NA)	White	Matte	Bundle, conduit and cable marking	Permanent, shrinkable; heat-activated adhesive
B-341	275 (135)	White	Matte	Wire marking	2-to-1 shrink ratio self-extinguishing sleeve; meets MIL-I-23053/5 Class 1; MIL-M-81531; MIL-STD-202F; METHOD 215 and UL224 
B-342	275 (135)	White/Yellow	Matte	Wire marking	3-to-1 shrink ratio self-extinguishing sleeve; meets MIL-I-23053/5 Class 1; MIL-M-81531; MIL-STD-202F; METHOD 215 and UL224 
<b>POLYPROPYLENE</b>					
B-389	212 (100)	White	Matte	Wire marking	Printable rigid inserts designed to be printed and affixed to a wire using carriers
<b>TEDLAR® FILM</b>					
B-632	266 (130)	White	Matte	Printable wire-marker	Self-extinguishing, smear-resistant
B-637	266 (130)	White/Yellow	Matte	Printable wire-marker	Self-extinguishing
<b>VINYL</b>					
B-292	150 (66)	White	Matte	Wire and cable labels	Heat and solvent resistant; conformable 
B-607	211 (100)	White	Matte	Non-removable applications	Tamper resistant  
<b>VINYL CLOTH</b>					
B-502	180 (82)	White	Matte	General marking	Oil, water and humidity resistant; permanent or removable

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 \*These materials are UL recognized.  
 \*These materials are CSA approved.

\*Refer to the full page charts on pages 282-283 for more information and complete listing of parts.

UL and CSA approvals are based on use with R5300 ribbon.

## Master Materials Chart

Brady Material #	Material	Color	Temp. Range	Print Technology	Properties & Applications
B-184	Aluminum Foil	Silver	-40°F to 266°F (-40°C to 130°C)	Pre-Printed	Dead soft aluminum foil with good conformability. Permanent debossing when marked. Resistant to heat, oil and solvents. Abrasion-resistant. Environments containing heat, oil or solvents; abrasive environments. Excellent for motor vehicles and outdoor wiring.
B-292	Vinyl	Clear/White	-40°F to 150°F (-40°C to 66°C)	Dot Matrix ID PRO® Plus LS2000	Good conformability, durability. Self-extinguishing; write-on surface. Resistant to oil, water, solvents. Environments containing oil, water or solvents. On-the-job marking. Excellent for machine tool and underground wiring. Outstanding flat ribbon cable marker. 
B-302	Polyester	White	-40°F to 230°F (-40°C to 110°C)	Pre-Printed	Surface printed white polyester with clear polyester overlamine.
B-319	Polyolefin	White	-40°F to 221°F (-40°C to 105°C)	Dot Matrix ID PRO Plus LS2000	Good legend permanence and smudge resistance. Applications requiring sleeve markers, computer-printable. Non heat-shrinkable.
B-321	Polyolefin	White	-65°F to 221°F (-54°C to 105°C)	Dot Matrix ID PRO Plus LS2000	Heat-shrinkable; excellent resistance to oil and solvents. Ink-receptive coating provides permanent legibility. Applications requiring sleeve markers, computer-printable.
B-322	Polyolefin	White or Yellow	-40°F to 221°F (-40°C to 105°C)	Dot Matrix ID PRO Plus LS2000	Heat-shrinkable; self-extinguishing, permanent legibility. Applications requiring self-extinguishing sleeve markers, computer-printable. Aerospace and military wire marking. Meets MIL-S-85848.
B-325	PVC Polyvinyl-chloride	Yellow	-40°F to 212°F (-40°C to 100°C)	Pre-Printed Omni-Grip®	Pre-printed full circle polyvinylchloride sleeves.
B-330	Polyolefin	White or Yellow	-40°F to 248°F (-40°C to 120°C)	Dot Matrix	Heat-shrinkable polyolefin film with a computer-printable topcoat and a heat-activating adhesive. Identification of wire bundles, large conduits and installed cables.
B-341	Polyolefin	White or Yellow	-67°F to 275°F (-55°C to 135°C)	Dot Matrix Thermal Transfer	2-to-1 shrink ratio self-extinguishing; meets the material and physical property requirements of MIL-DTL-23053/5C (Class 1); MIL-M-81531; MIL-STD-202F; method 215 and UL224.
B-342	Polyolefin	White	-67°F to 275°F (-55°C to 135°C)	Dot Matrix Thermal Transfer ID PRO Plus LS2000, TLS2200®	3-to-1 shrink ratio self-extinguishing; meets the material and physical property requirements of MIL-DTL-23053/5C (class 1); MIL-M-81531; MIL-STD-202F; method 215 and UL 224
B-350	Polyester/Paper Laminate	White	-94°F to 194°F (-70°C to 90°C)	Pre-Printed Thermal Transfer	Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting (service and repair).
B-351	Vinyl	White	-40°F to 212°F (-40°C to 100°C)	Thermal Transfer	Tamper-resistant film with a permanent acrylic adhesive. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.
B-352	Metallized Vinyl	Silver	-40°F to 212°F (-40°C to 100°C)	Thermal Transfer	Tamper-resistant metallized film. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal. 
B-354	Water-Indicating Polyester/Paper Laminate	Gloss White	-94°F to 194°F (-70°C to 90°C)	Thermal Transfer	Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting (service and repair). Standard color change is white to blue. For special high volume applications, available in custom indicating colors and/or designs 
B-358	Acetate	Gloss Clear	-40°F to 175°F (-40°C to 80°C)	Thermal Transfer	Tamper resistant film with a permanent acrylic adhesive. Designed to fracture easily when removal is attempted. For use as package seals / closures.
B-359	Acetate	Gloss White	-40°F to 175°F (-40°C to 80°C)	Thermal Transfer	Tamper resistant film with a permanent acrylic adhesive. Designed to fracture easily when removal is attempted. For use as package seals / closures.
B-361	Polyester	Clear/White	-94°F to 230°F (-70°C to 110°C)	Laser	Flexible, clear and conformable. Permanent adhesion within 24 hours. Self-laminating wire, cable and vial markers used in power plants and laboratories. Low halogen and sulfur content.
B-389	Polypropylene	White	-40°F to 221°F (-40°C to 100°C)	Dot Matrix	Printable rigid inserts designed to be affixed to a wire.

 \*These materials are UL recognized.

\*Refer to the full page charts on pages 280-281 for more information and complete listing of parts.