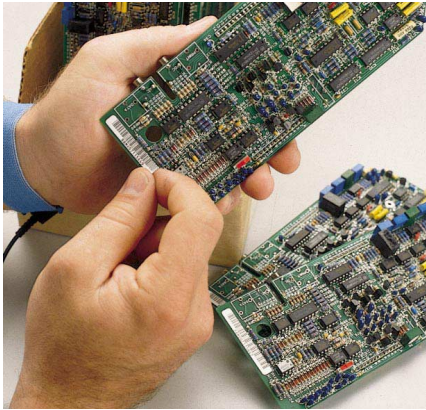





Laser Printable Materials Chart





The high resolution of laser printing makes it possible to generate readable, dense bar codes on labels small enough to fit into limited application space. (B-747 pictured)

Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
NYLON CLOTH					
B-799	293 (145)*	White	Matte	Aerospace and military cable marking	Repositionable
PAPER					
B-124	150 (66)	White/Colors	Matte	110 terminal block marking for telecommunications	Available in green, purple, yellow, blue, red, brown, white, orange and gray
B-759	193 (90)	White/Colors	Matte	Bar code and general labeling applications	Excellent toner adhesion
POLYOLEFIN FILM					
B-409	193 (90)	White	Matte	Bar code labels and general identification	Abrasion resistant
B-410	212 (100)	White	Matte	Tamper-evident label	Label destroys upon removal
POLYESTER					
B-361	230 (110)	White	Matte	Wire and cable marking, self-laminating	Low halogen and sulfur content
B-707	267 (130)	White	Matte	Electronic component labeling; general identification	Rough surface application; Stronger bond to low surface energy plastics 
B-709	158 (70)	White	Matte	Electronic component, bar code labels and general temporary identification	Removable
B-712	221 (105)	Clear	Matte	Electronic component labeling; general identification	Rough surface application; Stronger bond to low surface energy plastics
B-722	221 (105)	Clear	Matte	Rating plates, name plates, general-purpose printable overlaminates	Translucent
B-747	267 (130)	White/Yellow	Matte	Electronic PCB component, bar code labels and equipment labeling	Excellent solvent and smudge resistance; high-resolution printing; available in white only 
B-773	248 (120)	Silver	Matte	Rating plates and electronic component marking	Adheres to a variety of surfaces; metallized 
POLYIMIDE					
B-652	572 (300)*	Amber	Matte	Underside PC board and SMT component marking	Withstands extremely high temperatures
B-658	518 (270)*	Amber	Matte	SMT component marking	Label will remove cleanly after high temperature exposure
TEDLAR®					
B-737	266 (130)	White	Matte	Aerospace and military cable marking	Repositionable

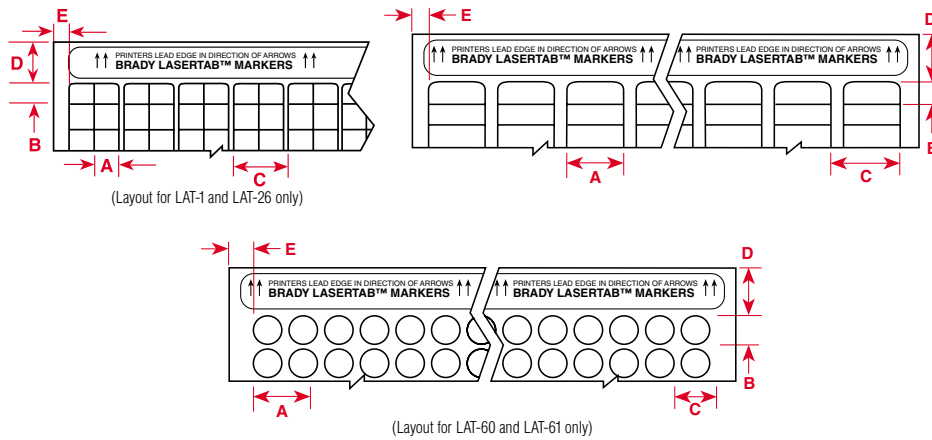
Tedlar® is a registered trademark of DuPont.

* 5 minutes

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

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

Label Index by Size



LAT-26-652-10

Laser Printable Technology

Die # 26, 0.250" x 0.250" Rating Plate

Material B-652, Amber Polyimide

Package Quantity, 10,000

PART NUMBER EXPLANATION:

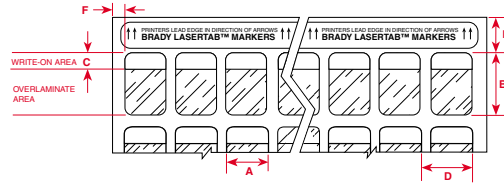
Most Brady part numbers for computer printable labels follow the same four-part format: The first code indicates the technology, the second part is a number indicating the die size used (where applicable), the third part indicates the Brady material used (where applicable), and the final code indicates package quantity.

Part Number	Pieces Per Package	Material	Color	Labels Per Row	Label Width Inch (mm) A	Label Height Inch (mm) B	Horizontal Repeat Inch (mm) C	Top Margin Inch (mm) D	Left Margin Inch (mm) E	Labels Per Sheet
0.250" Label Width										
LAT-26-652-10	10,000	Polyimide	Amber	26	0.250 (6.35)	0.250 (6.35)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	936
LAT-26-747-10	10,000	Polyester	White	26	0.250 (6.35)	0.250 (6.35)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	936
0.300" Label Width										
LAT-1-652-10	10,000	Polyimide	Amber	22	0.300 (7.62)	0.250 (6.35)	0.700 (17.78)	0.875 (22.23)	0.450 (11.43)	836
LAT-1-747-10	10,000	Polyester	White	22	0.300 (7.62)	0.250 (6.35)	0.700 (17.78)	0.875 (22.23)	0.450 (11.43)	836
0.375" Label Width										
LAT-2-652-10	10,000	Polyimide	Amber	16	0.375 (9.53)	0.375 (9.53)	0.500 (12.70)	0.875 (22.23)	0.313 (7.95)	400
LAT-2-747-10	10,000	Polyester	White	16	0.375 (9.53)	0.375 (9.53)	0.500 (12.70)	0.875 (22.23)	0.313 (7.95)	400
LAT-60-799-2.5	2,500	Nylon Cloth	White	15	0.375 (9.53)	1.000 (25.40)	0.500 (12.70)	0.875 (22.23)	0.550 (13.97)	285
0.500" Label Width										
LAT-45-707-10	10,000	Polyester	White	13	0.500 (12.70)	0.375 (9.53)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	325
LAT-45-712-10	10,000	Polyester	Clear	13	0.500 (12.70)	0.375 (9.53)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	325
LAT-25-652-10	10,000	Polyimide	Amber	13	0.500 (12.70)	0.437 (11.10)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	286
LAT-25-709-10	10,000	Removable Polyester	White	13	0.500 (12.70)	0.437 (11.10)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	286
LAT-25-747-10	10,000	Polyester	White	13	0.500 (12.70)	0.437 (11.10)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	286
LAT-46-707-10	10,000	Polyester	White	13	0.500 (12.70)	0.500 (12.70)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	247
LAT-46-712-10	10,000	Polyester	Clear	13	0.500 (12.70)	0.500 (12.70)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	247
LAT-61-799-2.5	2,500	Nylon Cloth	White	12	0.500 (12.70)	0.500 (12.70)	0.600 (15.24)	0.875 (22.23)	0.700 (17.78)	192
LAT-40-799-1,-5	1,000/5,000	Nylon Cloth	White	13	0.500 (12.70)	0.750 (19.05)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	156
LAT-38-799-1,-2.5	1,000/2,500	Nylon Cloth	White	13	0.500 (12.70)	1.437 (36.50)	0.600 (15.24)	0.875 (22.23)	0.300 (7.62)	78
0.560" Label Width										
LAT-42-707-10	10,000	Polyester	Clear	17	0.560 (14.22)	0.560 (14.22)	0.700 (17.78)	0.875 (22.23)	0.470 (11.94)	187
LAT-42-712-10	10,000	Polyester	Clear	17	0.560 (14.22)	0.560 (14.22)	0.700 (17.78)	0.875 (22.23)	0.470 (11.94)	187
0.650" Label Width										
LAT-3-410-10	10,000	Polyolefin	White	10	0.650 (16.51)	0.250 (6.35)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	380
LAT-3-652-10	10,000	Polyimide	Amber	10	0.650 (16.51)	0.250 (6.35)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	380
LAT-3-747-10	10,000	Polyester	White	10	0.650 (16.51)	0.250 (6.35)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	380
LAT-29-652-10	10,000	Polyimide	Amber	10	0.650 (16.51)	0.200 (5.08)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	480
LAT-29-737-10	10,000	Tedlar®	White	10	0.650 (16.51)	0.200 (5.08)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	480
LAT-29-747-10-YL	10,000	Polyester	Yellow	10	0.650 (16.51)	0.200 (5.08)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	480
LAT-29-747-10	10,000	Polyester	White	10	0.650 (16.51)	0.200 (5.08)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	480
LAT-29-799-10	10,000	Nylon Cloth	White	10	0.650 (16.51)	0.200 (5.08)	0.800 (20.32)	0.875 (22.23)	0.325 (8.26)	480

Tedlar® is a registered trademark of DuPont.

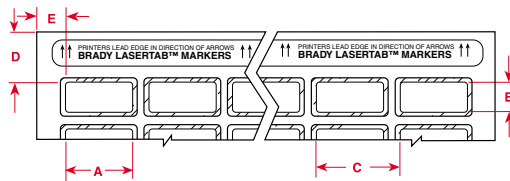
Note: Labels in chart are sorted in order by width, height, 3 digit material number (within part number), then die number (within part number).

Self-Laminating Labels by Size



Part Number	Pieces Per Package	Material	Color	Labels Per Row	Label Width Inch (mm) A	Label Height Inch (mm) B	Write-on Height Inch (mm) C	Horizontal Repeat Inch (mm) D	Top Margin Inch (mm) E	Left Margin Inch (mm) F	Labels Per Sheet	
0.375" Label Width												
LAT-57-361-2.5	2,500	Self-laminating Polyester	Translucent	4	0.375 (9.53)	1.800 (45.72)	0.750 (19.05)	1.900 (48.26)	0.875 (22.23)	0.500 (12.70)	100	
0.500" Label Width												
LAT-15-361-1,-5	1,000/5,000	Polyester	White/Trans.	13	0.500 (12.70)	0.750 (19.05)	0.370 (9.40)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	156	
LAT-48-361-1	1,000	Polyester	White	13	0.500 (12.70)	1.000 (25.40)	0.375 (9.53)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	117	
LAT-49-361-1	1,000	Polyester	White	13	0.500 (12.70)	1.250 (31.75)	0.500 (12.70)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	91	
LAT-22-361-5	5,000	Polyester	White/Trans.	13	0.500 (12.70)	1.500 (38.10)	0.500 (12.70)	0.600 (15.24)	0.875 (22.23)	0.400 (10.16)	78	
0.600" Label Width												
LAT-56-361-2.5	2,500	Self-laminating Polyester	Translucent	4	0.600 (15.24)	1.625 (41.28)	1.000 (25.40)	1.725 (43.82)	0.875 (22.23)	0.850 (21.59)	64	
LAT-59-361-2.5	2,500	Self-laminating Polyester	Translucent	3	0.600 (15.24)	2.625 (66.68)	1.000 (25.40)	2.725 (69.22)	0.875 (22.23)	0.213 (5.41)	45	
0.750" Label Width												
LAT-50-361-1	1,000	Polyester	White	9	0.750 (19.05)	1.000 (25.40)	0.375 (9.53)	0.850 (21.59)	0.875 (22.23)	0.475 (12.07)	81	
LAT-51-361-1	1,000	Polyester	White	9	0.750 (19.05)	1.500 (38.10)	0.500 (12.70)	0.850 (21.59)	0.875 (22.23)	0.475 (12.07)	54	
1.000" Label Width												
LAT-16-361-1,-5	1,000/5,000	Polyester	White/Trans.	7	1.000 (25.40)	0.750 (19.05)	0.340 (8.64)	1.100 (27.94)	0.875 (22.23)	0.450 (11.43)	84	
LAT-17-361-1,-2.5	1,000/2,500	Polyester	White/Trans.	7	1.000 (25.40)	1.000 (25.40)	0.340 (8.64)	1.100 (27.94)	0.875 (22.23)	0.450 (11.43)	63	
LAT-18-361-1,-2.5	1,000/2,500	Polyester	White/Trans.	7	1.000 (25.40)	1.330 (33.78)	0.500 (12.70)	1.100 (27.94)	0.834 (21.18)	0.450 (11.43)	49	
LAT-39-361-1	1,000	Polyester	White	7	1.000 (25.40)	1.437 (36.50)	0.500 (12.70)	1.100 (27.94)	0.875 (22.23)	0.300 (7.62)	42	
LAT-58-361-1	1,000	Self-laminating Polyester	Translucent	7	1.000 (25.40)	2.625 (66.68)	1.000 (25.40)	1.100 (27.94)	0.875 (22.23)	0.450 (11.43)	21	
LAT-19-361-1	1,000	Polyester	White/Trans.	7	1.000 (25.40)	3.167 (80.44)	0.970 (24.64)	1.100 (27.94)	0.834 (21.18)	0.450 (11.43)	21	
1.200" Label Width												
LAT-35-361-2.5	2,500	Polyester	White/Trans.	6	1.200 (30.48)	1.500 (38.10)	0.500 (12.70)	1.270 (32.23)	0.875 (22.23)	0.400 (10.16)	36	
1.500" Label Width												
LAT-52-361-1	1,000	Polyester	White	5	1.500 (38.10)	1.000 (25.40)	0.375 (9.53)	0.875 (22.23)	0.300 (7.62)	0.300 (7.62)	45	
LAT-53-361-1	1,000	Polyester	White	5	1.500 (38.10)	1.500 (38.10)	0.500 (12.70)	1.600 (40.64)	0.300 (7.62)	0.300 (7.62)	30	
1.750" Label Width												
LAT-54-361-1	1,000	Polyester	White	4	1.750 (44.45)	1.000 (25.40)	0.375 (9.53)	0.875 (22.23)	0.600 (15.24)	0.600 (15.24)	36	
LAT-55-361-1	1,000	Polyester	White	4	1.750 (44.45)	1.500 (38.10)	0.375 (9.53)	0.875 (22.23)	0.600 (15.24)	0.600 (15.24)	24	
1.875" Label Width												
LAT-27-361-1	1,000	Polyester	White/Trans.	4	1.875 (47.63)	3.167 (80.44)	0.968 (24.59)	2.000 (50.80)	0.875 (22.23)	0.215 (5.46)	12	

PermaShield™ Markers by Size



Clear polyester (B-966) overlaminate extends 0.126 outside of label on each side.

Part Number	Pieces Per Package	Material	Color	Labels Per Row	Label Width Inch (mm) A	Label Height Inch (mm) B	Horizontal Repeat Inch (mm) C	Top Margin Inch (mm) D	Left Margin Inch (mm) E	Labels Per Sheet
1.000" Label Width										
LAT-23-747-2.5	2,500	Polyester	White	6	1.000 (25.40)	0.500 (12.70)	1.350 (34.29)	1.000 (25.40)	0.275 (6.99)	60
LAT-23-773-2.5	2,500	Metallized Polyester	Silver	6	1.000 (25.40)	0.500 (12.70)	1.350 (34.29)	1.000 (25.40)	0.275 (6.99)	60
1.750" Label Width										
LAT-24-747-1	1,000	Polyester	White	3	1.750 (44.45)	1.000 (25.40)	2.200 (55.88)	1.000 (25.40)	1.175 (29.85)	21
LAT-24-773-1	1,000	Metallized Polyester	Silver	3	1.750 (44.45)	1.000 (25.40)	2.200 (55.88)	1.000 (25.40)	1.175 (29.85)	21

Note: Labels in chart are sorted in order by width, height, 3 digit material number (within part number), then die number (within part number).

* This product is sold in Japan under the Overlamine Labels name and not under the PermaShield name.

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.