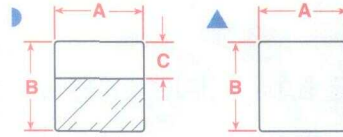


Electrical Application Labels

CONTINUED



► WIRE MARKING LABELS

Repositional Vinyl Cloth (B-400), Self-Laminating Vinyl (B-427), Nylon Cloth (B-499), Self-Laminating Tedlar® (B-642)

Diagram	Part Number	Labels Per Roll	Label Dimensions			Maximum Characters Per Line For Font:			Maximum Lines Of Text For Font:		
			Inch (mm) A	Inch (mm) B	Inch (mm) C	2	7	10	2	7	10
4 to 10 GAUGE WIRE (AWG) Based on THHN Wire - Maximum Wire Diameter - .26" (6.64mm)											
▲	PTL-28-499	750	0.25 (6.35)	1.50 (38.10)		5	2	1	16	8	5
▲	PTL-28-400	750	0.25 (6.35)	1.50 (38.10)		5	2	1	16	8	5
▶	PTL-28-427**	750	0.25 (6.35)	1.50 (38.10)	0.50 (12.70)	5	2	1	5	2	1
▲	PTL-29-400	500	0.50 (12.70)	1.50 (38.10)		11	5	3	16	8	5
▶	PTL-29-427**	500	0.50 (12.70)	1.50 (38.10)	0.50 (12.70)	11	5	3	5	2	1
▲	PTL-29-499	500	0.50 (12.70)	1.50 (38.10)		11	5	3	16	8	5
▲	PTL-30-400	250	0.75 (19.05)	1.50 (38.10)		18	7	5	16	8	5
▶	PTL-30-427**	250	0.75 (19.05)	1.50 (38.10)	0.50 (12.70)	18	7	5	5	2	1
▲	PTL-30-499	250	0.75 (19.05)	1.50 (38.10)		18	7	5	16	8	5
▶	PTL-31-427**	250	1.00 (25.40)	1.50 (38.10)	0.50 (12.70)	24	10	7	5	2	1
▲	PTL-31-499	250	1.00 (25.40)	1.50 (38.10)		24	10	7	16	8	5
▲	PTL-31-400	250	1.00 (25.40)	1.50 (38.10)		24	10	7	16	8	5
▶	PTL-31-642	250	1.00 (25.40)	1.50 (38.10)	0.50 (12.70)	24	10	7	5	2	1
▶	PTL-32-427*	250	1.50 (38.10)	1.50 (38.10)	0.50 (12.70)	37	15	10	5	2	1
10 to 12 GAUGE WIRE (AWG) Based on THHN Wire - Maximum Wire Diameter - .21" (5.30mm)											
▲	PTL-16-400	500	0.375 (9.52)	1.00 (25.40)		8	3	2	10	5	3
▲	PTL-16-499	500	0.375 (9.52)	1.00 (25.40)		8	3	2	10	5	3
▶	PTL-17-427*	500	0.50 (12.70)	1.00 (25.40)	0.375 (9.53)	11	5	3	3	1	1
▲	PTL-18-400	250	0.75 (19.05)	1.00 (25.40)		18	7	5	10	5	3
▲	PTL-18-499	250	0.75 (19.05)	1.00 (25.40)		18	7	5	10	5	3
▶	PTL-18-427*	250	0.75 (19.05)	1.00 (25.40)	0.375 (9.53)	18	7	5	3	1	1
▲	PTL-19-400	250	1.00 (25.40)	1.00 (25.40)		24	10	7	10	5	3
▲	PTL-19-499	250	1.00 (25.40)	1.00 (25.40)		24	10	7	10	5	3
▶	PTL-19-427**	250	1.00 (25.40)	1.00 (25.40)	0.375 (9.53)	24	10	7	3	1	1
▶	PTL-19-642	250	1.00 (25.40)	1.00 (25.40)	0.375 (9.53)	24	10	7	3	1	1
10 to 16 GAUGE WIRE (AWG) Based on THHN Wire - Maximum Wire Diameter - .16" (4.10 mm)											
▶	PTL-10-427*	750	0.25 (6.35)	0.75 (19.05)	0.375 (9.53)	5	2	1	3	1	1
▲	PTL-11-400	500	0.50 (12.70)	0.75 (19.05)		11	5	3	8	4	2
▶	PTL-11-427*	500	0.50 (12.70)	0.75 (19.05)	0.375 (9.53)	11	5	3	3	1	1
▲	PTL-11-499	500	0.50 (12.70)	0.75 (19.05)		11	5	3	8	4	2
16 to 22 GAUGE WIRE (AWG) Based on THHN Wire - Maximum Wire Diameter - .11" (2.80 mm)											
▲	PTL-7-400	500	0.50 (12.70)	0.50 (12.70)		11	5	3	5	2	1
▲	PTL-7-499	500	0.50 (12.70)	0.50 (12.70)		11	5	3	5	2	1

Tedlar® is a registered trademark of DuPont.




* Also available in: YL=Yellow

**OR=orange, GN=green, GY=grey, PL=purple, BL=blue, BR=brown, YL=yellow, RD=red.
Standard product: Contact your Brady Identification Solutions distributor or Customer Service representative for ordering information.

TLS2200™ Materials Chart














Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
NYLON CLOTH					
B-499	194 (90) 30 days	White	Matte	Low profile through-conduit wire marking, component and general labeling	High adhesion makes all-purpose wire marker ideal for environments where heat, oil and dirt are present; UL recognized/CSA accepted  
PAPER					
B-424	158 (70) 30 days	White	Matte	Bar code and general labeling	Good contrast and smear resistance
POLYESTER					
B-422	212 (100) 30 days	White	Gloss	Electronic PCB ID and component; bar code label and rating plates; outlet and patch panel identification	UL recognized/CSA accepted; 2 mil adhesive recommended for application on textured surfaces  
B-423	248 (120) 30 days	White	Gloss	Electronic PCB ID and component; bar code label, rating plates and outlets	UL recognized/CSA accepted  
B-428	176 (80) 30 days	Silver	Matte	Rating plates; electronic component marking	UL recognized/CSA accepted  
B-430	212 (100) 30 days	Clear	Gloss	General labeling rating/name plates, outlet and general communications	Translucent; UL recognized/CSA accepted  
B-435	212 (100) 30 days	Silver	Gloss	Rating plates and general labeling	Designed to withstand solvents while maintaining excellent image quality; UL recognized/CSA accepted  
B-459	212 (100) 30 days	White	Matte	Electronic PCB ID and component; bar code labeling and rating plates	UL recognized/CSA accepted  
B-473	356 (180) 5 min.	White	Gloss	Electronic PCB ID and component; bar code labeling and rating plates	Static dissipative adhesive; UL recognized/CSA accepted   
B-483	212 (100) 30 days	White	Gloss	General labeling; bar code label and rating plates	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces; UL recognized/CSA accepted  
POLYETHYLENE					
B-109	120 (49) 30 days	White	Matte	Multi-purpose identification tag, where durability is required	Cross-laminated polyethylene provides extreme tear resistance and excellent cold-weather performance
POLYIMIDE					
B-426	572 (300) 5 min.	Amber	Matte	Underside PCB ID and other high temperature, high performance applications	Withstands extremely high temperatures
B-457	500 (260) 5 min.	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Good contrast and smear resistance; UL recognized 
B-477	500 (260) 5 min.	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive; UL recognized  
POLYOLEFIN					
B-321	221 (105) 30 days	White	Matte	Wire marking	Heat-shrinkable
B-342	267 (130) 30 days	White/ Yellow	Matte	Wire marking	3-to-1 shrink ratio; flame retardant, meets the material and physical property of MIL-DTL-23053/5 Class 1, MIL-M-81531, MIL-STD-202F; Method 215 and UL 224
POLYPROPYLENE					
B-412	212 (100) 30 days	White	Matte	Wire, cable and product inventory information	Designed for outdoor and harsh environmental applications or where tensile strength is needed
TEDLAR®					
B-437	275 (135) 30 days	White/ Yellow	Matte	Aerospace and military cable marking	Flame-retardant
B-642	266 (130) 30 days	White	Matte	Self-laminating, wire and cable marking	Flame-retardant, low smoke and flame spread, Excellent abrasion and smudge resistance
VINYL					
B-427	158 (70) 30 days	White	Matte	Self-laminating wire and cable marking	Excellent abrasion and smudge resistance
B-439	104 (40) 30 days	White/ Yellow/ Orange/ Red	Matte	Pathway, racks, voltage markers, wire bundle, rating plates and general labeling	Various colors available
VINYL CLOTH					
B-400	175 (79) 30 days	White	Matte	Wire and terminal block marking component and general labeling	Good smudge resistance; repositionable on flat surfaces; wire, cable and component identification

Tedlar® is a registered trademark of DuPont.

	These materials are static dissipative adhesives.
	These materials are UL recognized.
	These materials are CSA approved.


Master Materials Chart

CONTINUED

Brady Material #	Material	Color	Temp. Range	Print Technology	Properties & Applications
B-424	Paper	White	-40°F to 158°F (-40°C to 70°C)	Thermal Transfer TLS2200	Top-coated, thermal transfer-printable with a permanent latex adhesive. Designed for use in labeling applications requiring a low-cost, general-purpose labeling material.
B-425	Polyolefin	White	-40°F to 194°F (-40°C to 90°C)	Thermal Transfer	Thermal transfer-printable with a permanent adhesive. High-performance material designed for use in labeling applications requiring excellent solvent resistance and print permanence. Bar code label and general labeling. Excellent abrasion and smudge resistance. UL recognized/CSA accepted.  
B-426	Polyimide	Amber	-40°F to 572°F (-40°C to 300°C) *5 Minutes	Thermal Transfer TLS2200	Top- or bottom-side board application for SMT or Through hole. Withstands extremely high temperatures.
B-427	Vinyl	White/ Transparent	-40°F to 158°F (-40°C to 70°C)	Thermal Transfer TLS2200	Permanent acrylic adhesive and a topcoat specifically formulated for thermal transfer printing. Excellent water, oil and solvent resistance with clarity and conformability. Self-laminating wire and cable identification.
B-428	Metallized Polyester	Silver	-40°F to 176°F (-40°C to 80°C)	Thermal Transfer TLS2200	Metallized polyester with a permanent acrylic adhesive. Thermal transfer printable. Designed for rating or serial plates, product information, warranty labels and inventory control labels. UL recognized/CSA approved.  
B-430	Polyester	Clear	-40°F to 212°F (-40°C to 100°C)	Thermal Transfer TLS2200	Thermal transfer-printable polyester with permanent acrylic-based adhesive. Designed for rating and serial plates using alphanumerics, bar codes, graphic symbols, and logos that require name plate quality. Withstands numerous solvents and can be applied to variable surfaces. UL recognized/CSA approved.  
B-432	Polyester	Clear	-40°F to 212°F (-40°C to 100°C)	Thermal Transfer	Gloss clear thermal transfer-printable film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. UL recognized/CSA approved for rating plate applications, 2 mil adhesive recommended for application on textured surfaces.  
B-433	Polyester	White	-40°F to 248°F (-40°C to 120°C)	Thermal Transfer	Designed for electronic component marking and general purpose applications requiring good solvent, heat resistance and a label that can be easily removed. Removable acrylic-based adhesive. UL recognized. 
B-434	Metallized Polyester	Silver	-40°F to 194°F (-40°C to 90°C)	Thermal Transfer	Glossy metallized polyester with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. UL recognized/CSA approved for rating plate applications. 2 mil adhesive recommended for application on textured surfaces.  
B-435	Metallized Polyester	Silver	-20°F to 212°F (-29°C to 100°C)	Thermal Transfer	High-performance material designed for thermal transfer printing. Withstands numerous solvents while maintaining excellent image quality. Ideal for rating plate applications and general purpose labeling. UL recognized/CSA approved.  
B-436	Polyimide	Amber	-40°F to 572°F (-40°C to 300°C) *5 minutes	Thermal Transfer	Printed circuit board and component marking. Label will remove cleanly after high-temperature exposure.

 Static dissipative adhesive

 UL recognized

 CSA accepted