

TLS 2200® / TLS PC Link™ 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   HF
PAPER					
B-424	122 (50) 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 plate, outlet and patch panel identification	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	  HF 
B-428	176 (80) 30 days	Silver	Matte	Rating plates; electronic component marking	  HF 
B-430	212 (100) 30 days	Clear	Gloss	General labeling rating/name plates, outlet and general communications	High adhesion make it ideal for highly textured and other surfaces that are difficult to adhere to; Translucent  
B-432	212 (100) 30 days	Clear	Gloss	General labeling rating/name plates, outlet and general communications	Clear glossy polyester for highly textured and hard to adhere to surfaces.  
B-433	212 (100) 30 days	White	Gloss	Electronic component marking, bar code and general purpose labeling	Good solvent and heat resistance; label can be easily removed 
B-435	194 (90) 30 days	Silver	Gloss	Rating plates and general labeling	Designed to withstand solvents while maintaining excellent image quality   
B-459	212 (100) 30 days	White	Matte	Electronic PCB ID and component; bar code labeling and rating plates	 
B-461	212 (100) 30 days	White	Matte	Self-laminating marker	Excellent abrasion and smudge resistance HF
B-473	248 (120) 30 days	White	Gloss	Electronic PCB ID and component; bar code labeling and rating plates	Static dissipative adhesive and liner   
B-483	248 (120) 30 days	White	Gloss	General labeling; bar code label and rating plates	Ultra-aggressive adhesive for thermal transfer printing, designed for powder coated surfaces  
B-486	248 (120) 30 days	Silver	Matte	General labeling; bar code labeling and rating plates	Ultra-aggressive adhesive for oily, greasy, and powder coated surfaces  
B-488	320 (160) 30 days	White	Matte	Electronic PCB and component; bar code label and rating plates	High performance matte white
B-489	248 (120) 30 days	White	Matte	General labeling; bar code labeling and rating plates	Ultra-aggressive adhesive for oily, greasy, and powder coated surfaces; UL/CSA approval pending  
B-7546	175 (80) 30 days	White	Gloss	Tamper-evident labels	Leaves "void" footprint when removed  
B-7566	175 (80) 30 days	Clear	Gloss	Tamper-evident labels	Leaves "void" footprint when removed  
B-7576	212 (100) 30 days	Silver	Matte	Tamper-evident labels	Leaves "void" footprint when removed  
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 HF
B-145	—	Gray	Matte	Power and ground labels	Tear-resistant 2-sided printable tag
POLYIMIDE					
B-426	662 (350) 80 sec.	Amber	Matte	Underside PCB ID and other high temperature, high performance applications	Withstands extremely high temperatures
B-457	662 (350) 80 sec.	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Good contrast and smear resistance 
B-477	662 (350) 80 sec.	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner  
B-478	662 (350) 80 sec.	White	Gloss	1 mil low profile top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner  
B-479	662 (350) 80 sec.	White	Matte	1 mil low profile top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner  
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; self-extinguishing, 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 HF
B-8425	194 (90) 30 days	White	Gloss	Wire marking, fiber optic marking, and general labeling	Good solvent resistance and print permanence  
POLYETHYLENE NAPHTHALATE (PEN)					
B-495	464 (240) 5 min.	White	Gloss	Top- or bottom-side board application for SMT or Top Side for Through hole	Good contrast and smear resistance 
TEDLAR®					
B-437	275 (135) 30 days	White/Yellow	Matte	Aerospace and military cable marking	Self-extinguishing
B-642	266 (130) 30 days	White	Matte	Self-laminating; wire and cable marking	Self-extinguishing, low smoke and flame spread; Excellent abrasion and smudge resistance
VINYL					
B-351	176 (80) 30 days	White	Matte	Tamper-resistant labels	Designed to fracture easily
B-352	176 (80) 30 days	Silver	Matte	Tamper-resistant labels	Designed to fracture easily
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-498	175 (80) 30 days	White	Semi-Gloss	Wire and electronic component marking	Repositionable adhesive 

Tedlar® is a registered trademark of DuPont.



These materials have static dissipative adhesives.



*These materials are UL recognized.



*These materials are CSA approved.



*These materials are AGA approved.



Halogen-Free (DIN VDE 0472/parts 815)

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