TLS 2200® / TLS PC Link™ Materials Chart

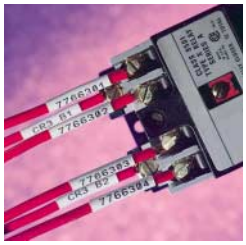
Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
NYLON CLOTH					
B-499	194 (90) 30 days	White	Matte	Low profile through-conduit wire marking, component and general labeling	High adhesion makes all-purpose wire marker ideal for environments where heat, oil and dirt are present
PAPER					
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	
B-428	176 (80) 30 days	Silver	Matte	Rating plates; electronic component marking	
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
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
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
B-8425	194 (90) 30 days	White	Gloss	Wire marking, fiber optic marking, and general labeling	Good solvent resistance and print permanence
POLYETHYLENE NAPTHALATE (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

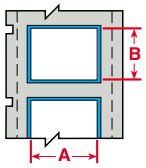
Tedlar® is a registered trademark of DuPont.

These materials have static dissipative adhesives.
*These materials are UL recognized.
*These materials are CSA approved.
*These materials are AGA approved.
HF 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.*

TLS 2200® / TLS PC Link™ Wire and Cable Marking





PERMASLEEVE™ WIRE MARKING SLEEVES

Heat-Shrinkable White Polyolefin (B-342)

Part Number	Sleeves Per Roll	Sleeve Dimensions A Inch (mm)	B Inch (mm)	Range of Wire Dia. Inch (mm) Min	Inch (mm) Max	Approx. Wire Gauge*	Maximum Characters Per Line For Font: 2	Maximum Lines Of Text For Font: 2
1.015" Marker Width								
WHITE 3:1 SHRINK RATIO								
PSPT-094-1-WT	100	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
BPSPT-094-1-WT	2500	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
PSPT-125-1-WT	100	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
BPSPT-125-1-WT	1000	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
PSPT-187-1-WT	100	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
BPSPT-187-1-WT	1000	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
PSPT-250-1-WT	100	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
BPSPT-250-1-WT	1000	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
PSPT-375-1-WT	100	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	22	5
BPSPT-375-1-WT	1000	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	9	5
PSPT-500-1-WT	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
BPSPT-500-1-WT	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
PSPT-1000-1-WT	50	1.015 (25.78)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	22	16
YELLOW 3:1 SHRINK RATIO								
PSPT-094-1-YL	100	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
PSPT-125-1-YL	100	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
PSPT-187-1-YL	100	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
PSPT-250-1-YL	100	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
PSPT-375-1-YL	100	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	22	5
PSPT-500-1-YL	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
PSPT-1000-1-YL	50	1.015 (25.78)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	22	16
1.765" Marker Width								
WHITE 3:1 SHRINK RATIO								
PSPT-094-175-WT	100	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
BPSPT-094-175-WT	2500	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
PSPT-125-175-WT	100	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
BPSPT-125-175-WT	1000	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
PSPT-187-175-WT	100	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
BPSPT-187-175-WT	1000	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
PSPT-250-175-WT	100	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
BPSPT-250-175-WT	1000	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
PSPT-375-175-WT	100	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
BPSPT-375-175-WT	1000	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
PSPT-500-175-WT	100	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
BPSPT-500-175-WT	1000	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
PSPT-1000-175-WT	50	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16
BPSPT-1000-175-WT	500	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16
YELLOW 3:1 SHRINK RATIO								
PSPT-094-175-YL	100	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
PSPT-125-175-YL	100	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
PSPT-187-175-YL	100	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
PSPT-250-175-YL	100	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
PSPT-375-175-YL	100	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
PSPT-500-175-YL	100	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
PSPT-1000-175-YL	50	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16

* Based on National Electric Code insulation measurement of THHN Wire.

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

DURASLEEVE® WIRE MARKER SLEEVES

DuraSleeve White Polypropylene Inserts (B-390)

Part Number	Sleeves Per Roll	Sleeve Dimensions Inch Width (mm)	Inch Height (mm)
PTDS-15-390	300	0.590 (15.00)	0.163 (4.14)
PTDS-30-390	300	1.181 (30.00)	0.163 (4.14)
BPTDS-15-390	3000	0.590 (15.00)	0.163 (4.14)
BPTDS-30-390	3000	1.181 (30.00)	0.163 (4.14)

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 overlaminate.
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.

TLS 2200® / TLS PC Link™ Materials Chart

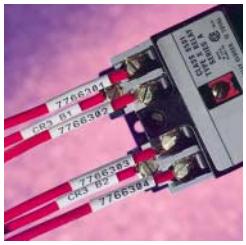
Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
NYLON CLOTH					
B-499	194 (90) 30 days	White	Matte	Low profile through-conduit wire marking, component and general labeling	High adhesion makes all-purpose wire marker ideal for environments where heat, oil and dirt are present
PAPER					
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	
B-428	176 (80) 30 days	Silver	Matte	Rating plates; electronic component marking	
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
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
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
B-8425	194 (90) 30 days	White	Gloss	Wire marking, fiber optic marking, and general labeling	Good solvent resistance and print permanence
POLYETHYLENE NAPTHALATE (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

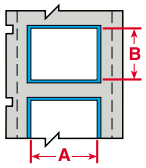
Tedlar® is a registered trademark of DuPont.

These materials have static dissipative adhesives.
*These materials are UL recognized.
*These materials are CSA approved.
*These materials are AGA approved.
HF 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.*

TLS 2200® / TLS PC Link™ Wire and Cable Marking





PERMASLEEVE™ WIRE MARKING SLEEVES

Heat-Shrinkable White Polyolefin (B-342)

Part Number	Sleeves Per Roll	Sleeve Dimensions A Inch (mm)	B Inch (mm)	Range of Wire Dia. Inch (mm) Min	Inch (mm) Max	Approx. Wire Gauge*	Maximum Characters Per Line For Font: 2	Maximum Lines Of Text For Font: 2
1.015" Marker Width								
WHITE 3:1 SHRINK RATIO								
PSPT-094-1-WT	100	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
BPSPT-094-1-WT	2500	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
PSPT-125-1-WT	100	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
BPSPT-125-1-WT	1000	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
PSPT-187-1-WT	100	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
BPSPT-187-1-WT	1000	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
PSPT-250-1-WT	100	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
BPSPT-250-1-WT	1000	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
PSPT-375-1-WT	100	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	22	5
BPSPT-375-1-WT	1000	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	9	5
PSPT-500-1-WT	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
BPSPT-500-1-WT	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
PSPT-1000-1-WT	50	1.015 (25.78)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	22	16
YELLOW 3:1 SHRINK RATIO								
PSPT-094-1-YL	100	1.015 (25.78)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	22	1
PSPT-125-1-YL	100	1.015 (25.78)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	22	1
PSPT-187-1-YL	100	1.015 (25.78)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	22	2
PSPT-250-1-YL	100	1.015 (25.78)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	22	3
PSPT-375-1-YL	100	1.015 (25.78)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	22	5
PSPT-500-1-YL	100	1.015 (25.78)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	22	7
PSPT-1000-1-YL	50	1.015 (25.78)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	22	16
1.765" Marker Width								
WHITE 3:1 SHRINK RATIO								
PSPT-094-175-WT	100	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
BPSPT-094-175-WT	2500	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
PSPT-125-175-WT	100	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
BPSPT-125-175-WT	1000	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
PSPT-187-175-WT	100	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
BPSPT-187-175-WT	1000	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
PSPT-250-175-WT	100	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
BPSPT-250-175-WT	1000	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
PSPT-375-175-WT	100	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
BPSPT-375-175-WT	1000	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
PSPT-500-175-WT	100	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
BPSPT-500-175-WT	1000	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
PSPT-1000-175-WT	50	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16
BPSPT-1000-175-WT	500	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16
YELLOW 3:1 SHRINK RATIO								
PSPT-094-175-YL	100	1.765 (44.83)	0.182 (4.62)	0.023 (0.58)	0.080 (2.03)	28-18	41	1
PSPT-125-175-YL	100	1.765 (44.83)	0.235 (5.96)	0.046 (1.17)	0.110 (2.79)	22-16	41	1
PSPT-187-175-YL	100	1.765 (44.83)	0.335 (8.50)	0.062 (1.57)	0.150 (3.81)	18-12	41	3
PSPT-250-175-YL	100	1.765 (44.83)	0.439 (11.15)	0.094 (2.39)	0.215 (5.46)	16-10	41	3
PSPT-375-175-YL	100	1.765 (44.83)	0.645 (16.38)	0.125 (3.18)	0.320 (8.13)	12-6	41	5
PSPT-500-175-YL	100	1.765 (44.83)	0.851 (21.61)	0.187 (4.75)	0.450 (11.43)	8-1	41	7
PSPT-1000-175-YL	50	1.765 (44.83)	1.660 (42.16)	0.450 (11.43)	0.950 (24.13)	1-500	41	16

* Based on National Electric Code insulation measurement of THHN Wire.

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

DURASLEEVE® WIRE MARKER SLEEVES

DuraSleeve White Polypropylene Inserts (B-390)

Part Number	Sleeves Per Roll	Sleeve Dimensions Inch Width (mm)	Inch Height (mm)
PTDS-15-390	300	0.590 (15.00)	0.163 (4.14)
PTDS-30-390	300	1.181 (30.00)	0.163 (4.14)
BPTDS-15-390	3000	0.590 (15.00)	0.163 (4.14)
BPTDS-30-390	3000	1.181 (30.00)	0.163 (4.14)

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 overlaminate.
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.