

SHRINKS TO 1/4 ITS ORIGINAL DIAMETER · EASILY INSTALLS OVER CONNECTORS & SPLICES SEALS & PROTECTS A WIDE VARIETY OF ELECTRICAL APPLICATIONS

Dual wall adhesive lined polyolefin heatshrink tubing is ideal for producing strong, weather tight seals on any heatshrink installation. During the application of heat from a heat gun or other heat source, the inner adhesive walls melts and flows, creating adhesion layer to ensure a snug fit to your harness or connector. Adhesive lined heatshrink has 4:1 shrink ratio, and it is available in 4´ strips.

SIZING CHART

Nominal	D . "	Unshrunk	Shrunk	4 Feet Pcs. *Put-Ups		Available	Lbs/
Size	Part #	Diameter /mm	Diameter /mm	М	L	Colors	10Pcs.
1¼"	H4A1.25	32.0	8.0	5	25	2	3.50
2"	H4A2.00	52.0	13.0	5	15	2	8.00

Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Polyolefin
Grade	H4A
Monofilament Diameter	NA
Drawing Number	TF001H4A-WD
Cutting	Scissors

COLORS











CHEMICAL RESISTANCE

Corrosion (ASTM DTL-23053)	No Corrosion
Fluid Resistance (73°F/23°C, 24 hrs.)	900 min.

FLAMMABILITY

Rating	UL, VW-1

PHYSICAL PROPERTIES

Elongation (%) (ASTM D-638) 2 Deformation (%) (316°F/158°C, 1 hr.) (MIL-DTL-23053) Max. Moisture Absorption (%) (ASTM D-570) Heat Shock (482°F/250°C, 4 hrs.) (MIL-DTL-23053) No Crack Cold Bend (-67°F/-55°C, 4 hrs.) (MIL-DTL-23053) No Crack Flexibility (316°F/158°C, 168 hrs.) No Crack	NA		Monofilament Diameter (ASTM D-204)
Colors Tensile Strength (psi) (ASTM D-638) 1,5 Elongation (%) (ASTM D-638) 2 Deformation (%) (316°F/158°C, 1 hr.) Max. (MIL-DTL-23053) Moisture Absorption (%) (ASTM D-570) Heat Shock (482°F/250°C, 4 hrs.) No Crack (MIL-DTL-23053) No Crack Cold Bend (-67°F/-55°C, 4 hrs.) No Crack (MIL-DTL-23053) No Crack Flexibility (316°F/158°C, 168 hrs.) No Crack	/W-1	UL, V	Flammability Rating
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(<i>MIL-DTL-23053</i>) Flexibility (316°F/158°C, 168 hrs.)	king	No Crack	
	king	No Crack	
(MIL-DTL-23053)	king	No Crack	Flexibility (316°F/158°C, 168 hrs.) (MIL-DTL-23053)
Secant Modulus (psi) (MIL-DTL-23053) 25,0	,000,	25,	Secant Modulus (psi) (MIL-DTL-23053)
Longitudinal Change (%) (MIL-DTL-23053) +5,	, -15	+5,	Longitudinal Change (%) (MIL-DTL-23053)
Dielectric Strength (volt/mil) (ASTM D-876)	500		Dielectric Strength (volt/mil) (ASTM D-876)
Volume Resistivity (ohm/cm) (ASTM D-876) 1.0 x 1	1014	1.0 x 1	Volume Resistivity (ohm/cm) (ASTM D-876)

OPERATING TEMPERATURES

Shrinks	194°F / 90°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-67°F / -55°C

HOW-TO



Measure the Shrinkflex[®] tubing to length and cut with a scissor. The thickness of your bundle, as well as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 1½" - 2" long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.



Slip the Shrinkflex[®] tubing over the bundle and position it so that both the sleeved and unsleeved portions are sufficiently covered. Notice the small pieces of tubing installed on single wires as part of a color coding system. If your project requires multiple operations, always work up from the smallest to the largest bundle.



Gently apply heat to Shrinkflex[®] tubing from a heat gun, hair dryer or torch with an appropriate attachment. Keep the heat source far enough away so that hot metal or direct flame does not come in contact with the tubing, wires or sleeving. Move the heat around the bundle to prevent damaging the sleeving and to ensure that all areas of the tubing have been shrunk. Once cooled, your installation is complete.

www.TECHFLEX.com

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