3:1 ADHESIVE SHRINKflex® SHRINKTUBING

HEATSHRINK TUBING
Technical Data Sheet

- **Shrink Temperature 194°F (90°C)**
- **Versatile And Economical Termination Solution**
- **High Resistance To Chemicals And Oils**
- **Easily Installs Over Connectors And Splices**
- **Excellent Electrical Properties**

				Put-Ups			
Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Bulk Box Put Up/4′Pcs.	Shop Box Put Up/4′Pcs.	Available Colors	Lbs/ 10Pcs.
1/8″	H3A0.13	3.0	1.0	250	25	4	0.26
3/16″	H3A0.19	4.8	1.5	250	25	4	0.30
1/4″	H3A0.25	6.0	2.0	250	25	4	0.35
3/8″	H3A0.38	9.0	3.0	250	25	4	0.55
1/2″	H3A0.50	12.0	4.0	200	25	4	0.75
3/4″	H3A0.75	19.0	6.0	80	25	4	1.65
1″	H3A1.00	24.0	8.0	50	25	4	2.15
1 1/2″	H3A1.50	38.0	13.0	25	-	4	4.40

3:1 Dual Wall Adhesive Heatshrink Tubing Shrinks To ⅓ its original diameter!

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 3:1 shrink ratio, and it is available in 4´ strips.

Colors Available:
4= WH, BK, CL, and RD.

Cut Cleanly
Scissor

Material
Polyolefin

Grade
H3A

Seals and protects a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

Colors Available:

White (WH), Black (BK), Clear (CL), Red (RD).

TECHFLEX
Braided Sleeving Products
www.techflex.com
800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

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FLAMMABILITY

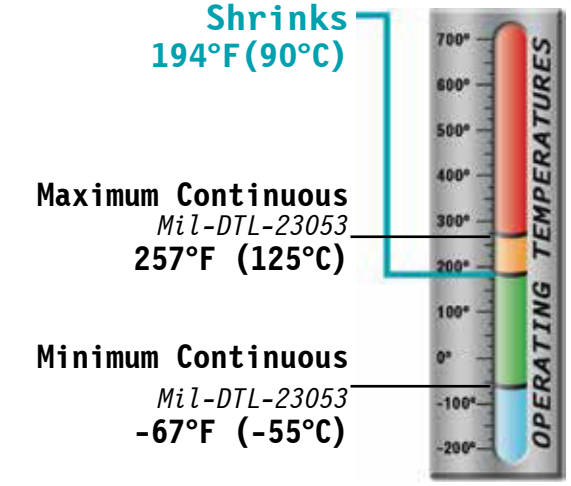
Moisture Absorption % *ASTM D-570* _____ 0.5

Flammability Rating _____ UL VW-1

CHEMICAL RESISTANCE

Corrosion *ASTM DTL-23053* _____ No Corrosion

Fluid Resistance (73°F/ 23°C 24 hrs.) _____ 900min.



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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 1 1/2" - 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.

PHYSICAL PROPERTIES

Recommended Cutting _____ Scissors

Colors _____ 4

Tensile Strength PSI *ASTM D-638* _____ 1,500

Elongation % *ASTM D-638* _____ 200

Deformation % (316°F/158°C, 1 Hr.) _____ Max. 50
MIL-DTL-23053

Heat Shock (482°F/ 250°C, 4 Hrs.) _____ No Cracking
MIL-DTL-23053

Cold Bend (-67°F/-55°C, 4 Hrs.) _____ No Cracking
MIL-DTL-23053

Flexibility (316°F/158°C, 168 Hrs.) _____ No Cracking
MIL-DTL-23053

Secant Modulus PSI *MIL-DTL-23053* _____ 25,000

Longitudinal Change % *MIL-DTL-23053* _____ +5, -15

Dielectric Strength (volts/mil) *ASTM D-876* _____ 500

Volume Resistivity (ohm-cm) *ASTM D-876* ____ 1.0×10^{14}