

- 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



**Cut Cleanly**  
**Scissor**

<b>Material</b>	<b>Polyolefin</b>
<b>Grade</b>	<b>H2A</b>

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/ 10Pcs.
				Bulk Box Put Up/4' Pcs.	Shop Box Put Up/4' Pcs.		
1/8"	H2A0.13	3.2	1.6	250	25	BK, CL	0.17
1/4"	H2A0.25	6.4	3.2	250	25	BK, CL	0.32
3/8"	H2A0.38	9.6	4.8	250	25	WH, BK, RD	0.53
1/2"	H2A0.50	12.7	6.4	200	25	WH, BK, CL, RD	0.65
3/4"	H2A0.75	19.1	9.6	80	25	WH, BK, RD	1.59
1"	H2A1.00	25.4	12.7	50	25	WH, BK, RD	1.63
1 1/2"	H2A1.50	38.1	19.1	15	5	BK	2.50

**2:1 Dual Wall Adhesive Heatshrink Tubing  
 Shrinks To 1/2 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 2:1 shrink ratio, and it is available in 4' strips.

**Colors Available:**

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



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



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

## FLAMMABILITY

Moisture Absorption % ASTM D-570 \_\_\_\_\_ 0.5  
Flammability Rating \_\_\_\_\_ UL VW-1

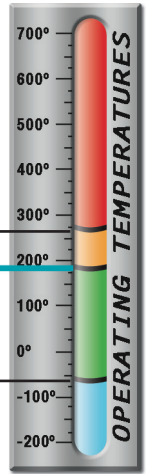
## CHEMICAL RESISTANCE

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

Shrinks  
194°F (90°C)

Maximum Continuous  
*Mil-DTL-23053*  
257°F (125°C)

Minimum Continuous  
*Mil-DTL-23053*  
-67°F (-55°C)



www.techflex.com



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 x 10<sup>14</sup>