

- Shrink Temperature 194°F (90°C)
- Versatile And Economical Termination Solution
- Resists Common Automotive Chemicals
- Easily Installs Over Connectors And Splices
- Custom Printing Available



Cut Cleanly  
 Scissor

Material  
 Polyolefin

Grade  
 H4N

Put-Ups

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/100'
				Bulk Spool	Shop Spool		
1/2"	H4N0.50BK	12.0	3.0	200'	25'	Black (BK)	1.17
3/4"	H4N0.75BK	19.0	4.5	200'	25'	Black (BK)	2.75
1"	H4N1.00BK	25.4	7.0	200'	25'	Black (BK)	3.25
1 1/4"	H4N1.25BK	32.0	8.0	200'	25'	Black (BK)	4.00
1 1/2"	H4N1.50BK	38.0	9.5	200'	25'	Black (BK)	4.25

**Economical 4/1 Heatshrink Tubing Shrinks To 1/4 its original diameter!**

Heatshrink tubing is the ideal way to create a tight, professional finish on any wire, hose or cable management project. Once shrunk, the tubing will hold its reduced state even in elevated temperatures. The wide range of available colors and diameters makes Techflex Heatshrink Tubing a perfect solution for any termination application.

4:1 Heatshrink Tubing is the most versatile of the heatshrink products. The high shrink ratio ensures that the tubing will slip over large connectors or plugs and still provide a tight, professional seal.

Colors Available:  
 Black (BK)



Match the color of braided sleeving with our 4/1 Shrinkflex tubing and create a unified finished look.

## FLAMMABILITY

Moisture Absorption % *ASTM D-570* \_\_\_\_\_ 0.5  
Flammability Rating \_\_\_\_\_ UL 224, VW-1

## CHEMICAL RESISTANCE

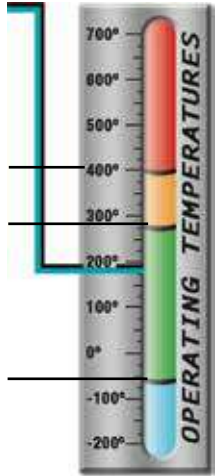
Corrosion *ASTM DTL-23053* \_\_\_\_\_ No Corrosion  
Fluid Resistance (73°F/ 23°C 24 hrs.) \_\_\_\_\_ 1,000

**Shrinks**  
**194°F (90°C)**

**Melt Point**  
*ASTM D-2117*  
**392°F (200°C)**

**Maximum Continuous**  
*Mil-I-23053*  
**275°F (135°C)**

**Minimum Continuous**  
**-67°F (-55°C)**



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  
Stock Colors \_\_\_\_\_ 1  
Tensile Strength PSI *ASTM D-638* \_\_\_\_\_ 1,500  
Elongation % *ASTM D-638* \_\_\_\_\_ 200  
Specific Gravity *ASTM D-792* \_\_\_\_\_ 1.35  
Low Temperature flex (-67°F/-55°C) \_\_\_\_\_ No Cracking  
*MIL-DTL-23053*  
Heat Shock (482°F/250°C) \_\_\_\_\_ No Cracking  
*MIL-DTL-23053*  
Heat Resistance (347°F/175°C, 168 Hrs.) \_\_\_\_\_ 100  
*ASTM D-638*  
Secant Modulus PSI *ASTM D-882* \_\_\_\_\_ 25,000  
Longitudinal Change % *MIL-DTL-23053* \_\_\_\_\_ +5  
Dielectric Strength (volts/mil) *ASTM D-876* \_\_\_\_\_ 500  
Volume Resistivity (ohm-cm) *ASTM D-876* \_\_\_\_\_ 1.0 x 10<sup>14</sup>