

- Shrink Temperature  
302°F (150°C)
- Heavy Wall, Flexible  
Elastomer Polyolefin Tubing
- High Resistance to Aviation  
Fuels, Diesel Fuels and Oils
- Easily Installs Over  
Connectors And Splices

**Put-Ups**

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/100'
				Bulk Spool	Shop Spool		
1/8"	H2D0.13BK	3.2	1.6	500'	25'	Black (BK)	0.70
3/16"	H2D0.19BK	4.8	2.4	250'	25'	Black (BK)	1.00
1/4"	H2D0.25BK	6.4	3.2	250'	25'	Black (BK)	1.20
3/8"	H2D0.38BK	9.6	4.8	200'	25'	Black (BK)	1.75
1/2"	H2D0.50BK	12.8	6.4	100'	25'	Black (BK)	2.75
3/4"	H2D0.75BK	19.3	9.5	100'	25'	Black (BK)	4.75
1"	H2D1.00BK	25.4	12.7	100'	25'	Black (BK)	8.80
1 1/4"	H2D1.25BK	31.8	18.1	100'	25'	Black (BK)	12.60
1 1/2"	H2D1.50BK	38.2	21.8	100'	25'	Black (BK)	12.20

**Diesel Resistant 2:1 Heatshrink Tubing Shrinks To 1/2 its original diameter!**



**Cut Cleanly**  
Scissor

**Material**  
Polyolefin

**Grade**  
H2D

Diesel Shrinkflex 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. H2D is resistant to aviation and diesel fuels, hydraulic fluids and lubrication oils. It will protect wires, solder joints, terminals, connections and components from most industrial fuels, abrasion and mechanical damage. Slides easily over small inline splices and connectors, and provides a tight seal in many applications.

**Heavy wall, diesel resistant flexible tubing**

**Colors Available:**  
Black (BK)





## FLAMMABILITY

Flammability Rating \_\_\_\_\_ Self-Extinguishing

## CHEMICAL RESISTANCE

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

**Shrinks**  
302°F (150°C)

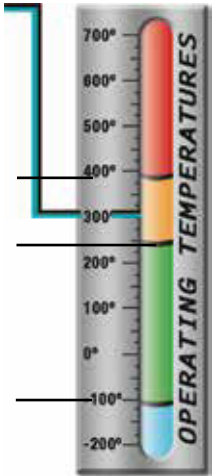
**Melt Point**  
ASTM D-2117

392°F (200°C)

**Maximum Continuous**  
Mil-I-23053

248°F (120°C)

**Minimum Continuous**  
-103°F (-75°C)



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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  
Stock Colors \_\_\_\_\_ 1  
Tensile Strength PSI ASTM D-638 \_\_\_\_\_ 1,200  
Elongation % ASTM D-638 \_\_\_\_\_ 250  
Specific Gravity ASTM D-792 \_\_\_\_\_ 1.4  
Low Temperature flex (-103°F/-75°C) \_\_\_\_\_ No Cracking  
MIL-DTL-23053  
Heat Shock (482°F/250°C) \_\_\_\_\_ No Cracking  
MIL-DTL-23053  
Dielectric Strength (volts/mil) ASTM D-876 \_\_ 11.8kV/mm  
Volume Resistivity (ohm-cm) ASTM D-876 \_\_\_\_\_ 1.0x10<sup>10</sup>