

2/1 DIESEL

- **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)	
1 1/2"	H2D1.50BK	38.2	21.8	100'	25'	Black (BK)	

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

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.

Colors Available:
Black (BK)



Cut Cleanly
Scissor

Heavy wall, diesel resistant flexible tubing



Material
Polyolefin

Grade
H2D



www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
29 Brookfield Dr • Sparta, NJ 07871



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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)

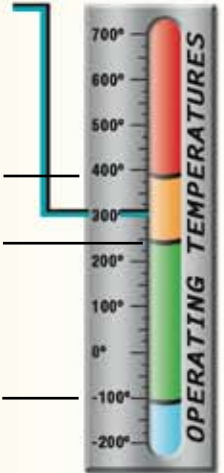
Melt Point
ASTM D-2117

392°F (200°C)

Maximum Continuous
Mil-I-23053

248°F (120°C)

Minimum Continuous
 -103°F (-75°C)



PHYSICAL PROPERTIES



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.

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* _____ 1.0 x 10 (exp 10)

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