

- 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	Kgs/100m
				Bulk Spool	Shop Spool		
3,2mm	H2D0.13BK	3,2	1,6	152,4m	7,6m	Black (BK)	1,04
4,8mm	H2D0.19BK	4,8	2,4	76,2m	7,6m	Black (BK)	1,49
6,4mm	H2D0.25BK	6,4	3,2	76,2m	7,6m	Black (BK)	1,79
9,6mm	H2D0.38BK	9,6	4,8	61,0m	7,6m	Black (BK)	2,60
12,8mm	H2D0.50BK	12,8	6,4	30,5m	7,6m	Black (BK)	4,09
19,3mm	H2D0.75BK	19,3	9,5	30,5m	7,6m	Black (BK)	7,07
25,4mm	H2D1.00BK	25,4	12,7	30,5m	7,6m	Black (BK)	13,10
31,8mm	H2D1.25BK	31,8	18,1	30,5m	7,6m	Black (BK)	18,75
38,2mm	H2D1.50BK	38,2	21,8	30,5m	7,6m	Black (BK)	18,16

Diesel Resistant 2:1 Heatshrink Tubing Shrinks To ½ 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)

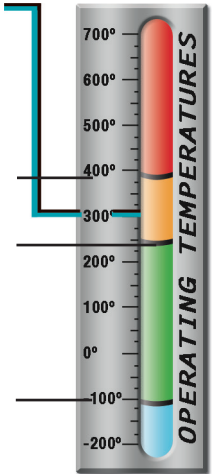
Melt Point
ASTM D-2117

392°F (200°C)

Maximum Continuous
Mil-I-23053

248°F (120°C)

Minimum Continuous
-103°F (-75°C)



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 _____ 1.0x10¹⁰