2:1 VITON SHRINKflex SHRINKTUBING FLAME RETARDANT

HEATSHRINK TUBING
Technical Data Sheet

- Shrink Temperature 347°F (175°C)
- High Operating Temperature 392°F (200°C) For Extreme Working Conditions
- Flame Retardant
- Resistant To Highly Corrosive Acids, Fluids, Fuels & Solvents
- Meets Military Specification MIL-DTL-23053/13

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/ 100′
				Bulk Spool	Shop Spool		
1/8″	H2V0.13BK	3.2	1.6	200′	25′	Black (BK)	1.26
3/16″	H2V0.19BK	4.8	2.4	200′	25′	Black (BK)	1.45
1/4″	H2V0.25BK	6.4	3.2	200′	25′	Black (BK)	1.68
3/8″	H2V0.38BK	9.5	4.7	200′	25′	Black (BK)	2.27
1/2″	H2V0.50BK	12.7	6.4	100′	25′	Black (BK)	2.29
5/8″	H2V0.63BK	16.0	8.0	100′	25′	Black (BK)	2.50
3/4″	H2V0.75BK	19.1	9.5	100′	25′	Black (BK)	4.14
7/8″	H2V0.88BK	22.4	11.0	50′	25′	Black (BK)	4.83
1″	H2V1.00BK	25.4	12.7	50′	25′	Black (BK)	5.73
1 1/4″	H2V1.25BK	31.7	15.7	50′	25′	Black (BK)	8.20
1 1/2″	H2V1.50BK	38.1	19.1	50′	25′	Black (BK)	8.80
2″	H2V2.00BK	50.8	25.4	50′	25′	Black (BK)	13.40

Cut Cleanly
Scissor

Material
Fluoro-Elastomer

Grade
H2V

2:1 Viton - Flexible Heatshrink Tubing Shrinks To ½ its original diameter!

2:1 Viton is a rubber-like, highly fluid resistant, flame retardant flouro-elastomer heatshrink tubing with high solvent resistance.

The product is recommended for applications where resistance to aggressive solvents and high temperatures is required. Bundling, harnessing and environmental protection within engine compartments is one such application.

Colors Available:
Black (BK)

High Temperature, Solvent Resistant, and Flame Retardant Flexible Fluoro-Elastomer

TECHFLEX
Braided Sleeving Products
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104 Demarest Road • Sparta, NJ 07871

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FLAMMABILITY

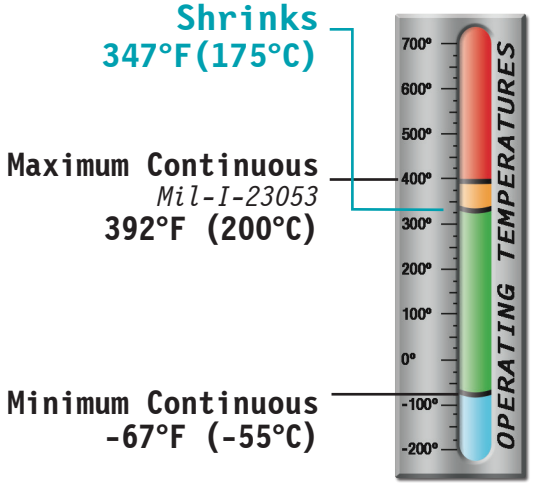
Moisture Absorption % *ASTM D-570* _____ 0.5

Flammability Rating *MIL-DTL-23053* _____ 15 Sec. Max.

CHEMICAL RESISTANCE

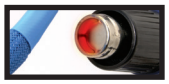
Corrosion *ASTM DTL-23053* _____ No Corrosion

Fluid Resistance (73°F/ 23°C 24 hrs.) _____ 1,200



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 _____ 1

Tensile Strength PSI *ASTM D-638* _____ 1,200

Elongation % *ASTM D-638* _____ 250

Heat Shock (572°F/ 300°C, 4 Hrs.) _____ No Cracking
MIL-DTL-23053

Heat Resistance (482°F/ 250°C, 168 Hrs.) _____ 200
ASTM D-638

Longitudinal Change % _____ -20
MIL-DTL-23053

Cold Impact (-40°F/ -40°C) _____ No Cracking
ASTM D-746

Dielectric Strength (volts/mil) _____ 200
ASTM D-876

Volume Resistivity (ohm-cm) _____ 1.0×10^{11}
ASTM D-876