2:1 ULTRA CLEAR SHRINKflex SHRINKTUBING

HEATSHRINK TUBING
Technical Data Sheet

- Shrink Temperature 275°F (135°C)
- Ideal Finish For Cosmetic Applications
- Heat Resistance Up To 221°F (105°C)
- Excellent Oil, Moisture, And Fungus Resistance
- Easily Installs Over Connectors And Splices

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/ 100′
				Bulk Spool	Shop Spool		
1/16″	H2P0.06	1.6	0.8	1,000'	100'	2	0.20
1/4″	H2P0.25	6.4	3.2	200′	25′	2	0.60
5/16″	H2P0.31	8.0	4.0	200′	25′	2	0.70
3/8″	H2P0.38	9.5	4.8	200′	25′	2	0.80
1/2″	H2P0.50	12.7	6.4	200′	25′	2	1.10
5/8″	H2P0.63	15.9	7.9	200′	25′	2	1.16
3/4″	H2P0.75	19.1	9.5	200′	25′	2	1.90
1″	H2P1.00	25.4	12.7	200′	25′	2	3.00
1 1/2″	H2P1.50	38.1	19.1	100'	25'	2	5.30
2″	H2P2.00	50.8	25.4	100′	25′	2	8.40

Put-Ups

Cut Cleanly
Scissor

Material
Polyvinyl Chloride

Grade
H2P

PVC 2:1 Heatshrink Tubing Shrinks To ½ its original diameter!

PVC tubing is a Polyvinyl Chloride heatshrink tubing that shrinks to ½ its original diameter. During the shrinking operation, the tubing will encapsulate any device inside of it at the time and will assume the contour of that device.

Ultra clear PVC heatshrink tubing is ideal for application where complete transparency is required. Perfect for protecting exposed wires and cables on motorcycles and custom automobiles.

Resists gasoline, oil, and common chemicals; provides protection from abrasion and severe environments.

Perfect tubing for application where complete transparency is required.

Colors Available:
Clear (CL) & Black (BK)

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

VW-1

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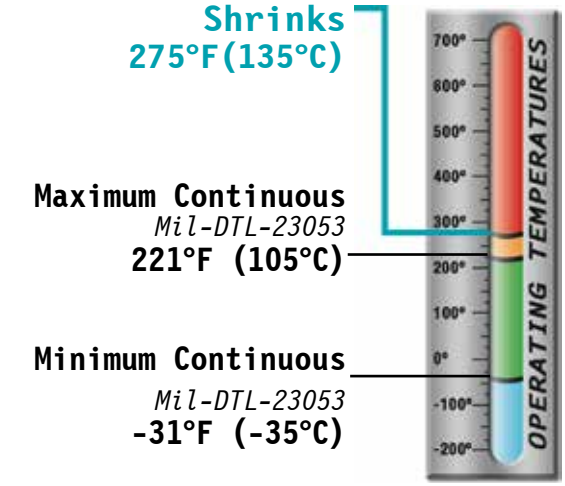
FLAMMABILITY

Moisture Absorption % ASTM D-570 _____ 0.5

Flammability Rating _____ Self-Extinguishing VW-1

CHEMICAL RESISTANCE

Corrosion MIL-I-23053 _____ No Corrosion



www.techflex.com

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	2
Tensile Strength PSI *ASTM D-638*	3,000
Elongation *% ASTM D-638*	250
Specific Gravity *ASTM D-792*	1.25
Deformation % (250°F/121°C, 1 Hr.) *MIL-I-23053*	50
Heat Shock (250°F/121°C, 1 Hr.) *MIL-I-23053*	No Cracking
Cold Bend (14°F/-10°C, 1 Hr.) *MIL-I-23053*	No Cracking
Flexibility *MIL-I-23053*	No Cracking
Secant Modulus *PSI ASTM D-882*	19,500
Longitudinal Change *% MIL-DTL-23053*	-15
Dielectric Strength (volts/mil) *ASTM D-876*	500
Volume Resistivity (ohm-cm) *ASTM D-876*	1.0×10^{11}