

- MIL-I-DTL-23053/8
- Shrink Temperature
374°F (175°C)
- Highly Flame-Retardant
- Withstands High Temps.
- Excellent Abrasion Resistance
- Easily Installs Over Connectors And Splices



Cut Cleanly
 Scissor

Material
 Polyvinylidene Fluoride

Grade
 H2K

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/10Pcs.
				Bulk Box Put Up/4' Pcs.	Shop Box Put Up/4' Pcs.		
3/64"	H2K0.05	1.2	0.6	200	25	2	0.03
1/16"	H2K0.06	1.6	0.8	200	25	2	0.05
3/32"	H2K0.09	2.4	1.2	200	25	2	0.06
1/8"	H2K0.13	3.2	1.6	200	25	2	0.07
3/16"	H2K0.19	4.8	2.4	200	25	2	0.10
1/4"	H2K0.25	6.4	3.2	200	25	2	0.15
3/8"	H2K0.38	9.5	4.7	200	25	2	0.25
1/2"	H2K0.50	12.7	6.4	100	25	2	0.30
3/4"	H2K0.75	19.1	9.5	50	25	2	0.50
1"	H2K1.00	25.6	12.7	50	25	2	0.80

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

2:1 Kynar tubing is a Polyvinylidene Fluoride 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.

Kynar is a high flame-retardant tubing that is tough and abrasion resistant in mechanical environments. It has excellent properties for cut through and solvent resistance.

Shrinkflex Kynar is recommended for applications for strain relieving components such as soldered connections and splices, which are in high continuous operating temperature environments.

Kynar is a registered trademark of the Arkema Corporation.

Colors Available:



Black (BK) and Clear (CL).

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



Perfect tubing for application where abrasion resistance is important.



FLAMMABILITY

Moisture Absorption % *ASTM D-570* _____ 0.5
Flammability Rating _____ UL 224 VW-1

CHEMICAL RESISTANCE

Fluid Resistance (73°F/ 23°C 24 hrs.) _____ 5,000

Shrinks
347°F (175°C)

Maximum Continuous
MIL-DTL-23053
347°F (175°C)

Minimum Continuous
MIL-DTL-23053
-67°F (-55°C)



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
Colors _____ 2
Tensile Strength PSI _____ 5,000
ASTM D-638
Elongation % *ASTM D-638* _____ 150
Specific Gravity *ASTM D-792* _____ 1.8
Deformation % (302°F/150°C, 1 Hr.) *UL 224* _____ 50
Low Temp. Flex (-67°F/-55°C) _____ No Cracking
MIL-DTL-23053
Heat Shock (572°F/300°C, 4 Hrs.) _____ No Cracking
MIL-DTL-23053
Secant Modulus PSI *ASTM D-882* _____ 100,000
Longitudinal Change % *MIL-DTL-23053* _____ ±10
Dielectric Strength (kV/mm) _____ 23.6
ASTM D-876
Volume Resistivity (ohm-cm) _____ 1.0 x 10¹³