

Thin-Wall Kynar Heat Shrink Sleeve PVDF Tubing 2:1 Ratio



Kynar is a cross-linked, heat shrinkable, polyvinylidene fluoride fluoroplastic. KF2X is normally used in applications requiring an excellent high continuous temperature rating, flame and chemical resistance and rigidity for strain relief, as well as excellent resistance to cut-through and abrasion. It is transparent in color, and it has a continuous temperature rating of -55 to 175 °C.

- Operating Temperature Range -55°C to 175°C
- Shrink Temperature 170°C
- Military, UL Approvals
- Shrink Ratio 2:1



Shrink Sleeve Ltd.

The worldwide tubing solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research.

Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the early 21st Century.

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Technical Data

Property	Test Method	Values
Tensile Strength	ISO 37	35 MPa minimum
Ultimate Elongation	ISO 37	150% minimum
Specific Gravity	ISO 1183	1.4 maximum
Heat Shock	ASTM D 2671 (4hrs at 300°C)	No dripping, cracking or Flowing
Heat Ageing	ISO 188 (168hrs at 200°C)	
Ultimate Elongation	ISO 37	150% minimum
Low Temperature Flexibility	ASTM D 2671 (4hrs at -55°C)	No cracking
Flammability(Except Clear)	ASTM D 876	Pass
Electric Strength	ICE 243	32KV/mm minimum
Corrosion(Copper Contact)	ASTM D 2671	No corrosion
Water Absorption	ISO 62	0.5% maximum
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubrication Oil		
Tensile Strength	ISO 37	25MPa minimum
Ultimate Elongation		150% minimum
Fungus Resistance	ISO 846	
Tensile Strength	ISO 37	35 MPa minimum
Ultimate Elongation		150% minimum

Specification References

Military	UNDERWRITERS LAB	CSA
MIL-DTL 23053/5 DEF STAN 59-97 VG95343 Pt 5	UL 224 VW1 600V, 125 °C 	600V, 125 °C (OFT) 

Dimensions

ORDERING No. size ref.	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	FULLY RECOVERED WALL mm	STANDARD REEL LENGTH m
12	1.2	0.6	0.25	300
16	1.6	0.8	0.25	300
24	2.4	1.2	0.25	150
32	3.2	1.6	0.25	150
48	4.8	2.4	0.25	150
64	6.4	3.2	0.30	75
95	9.5	4.8	0.30	75
127	12.7	6.4	0.30	75
190	19.1	9.5	0.43	60
254	25.4	12.7	0.48	60

Colour : Clear (CR)

ORDERING INFORMATION : Product **Width** / Trace **Colour**
FK2X ____ / 75Q ____
e.g. FK2X 68/75Q CR