

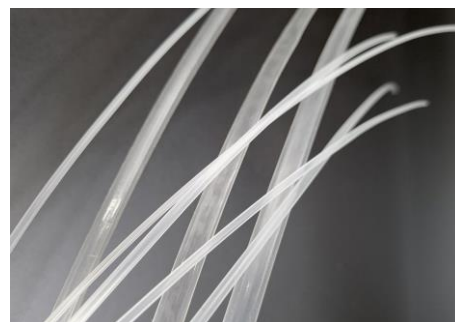
FK2X Shrink Sleeve PVDF

Thin Wall Semi Rigid PVDF Tubing 2:1 Ratio



FEATURES

- PVDF tubing is fabricated from polyvinylidene fluoride which gives outstanding abrasion resistance and cut-through properties in combination with high dielectric strength
- It is highly resistant to industrial fuels, chemicals and solvents
- Operating temperature range -55°C to 175°C
- Shrink temperature 175°C
- Shrink Ratio 2:1
- Military, UL Recognised Component



TECHNICAL DATA

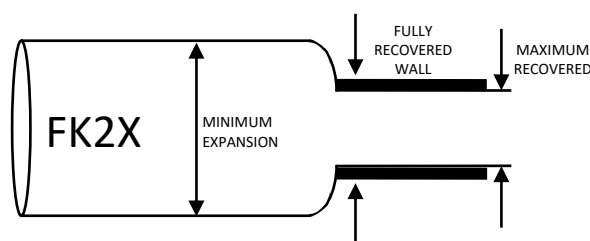
PROPERTY	TEST METHOD	VALUES	
Physical	Gravity		
	Tensile Strength	ASTM D 2671	34.5 MPa min.
	Low Temperature Flexibility	ASTM D 2671	No cracking (-40°C, 4Hrs)
	Elongation	ASTM D 2671	150% min.
	Elongation after heat aging	ASTM D 2671	50% min. (250°C, 168Hrs)
	Specific Gravity	ASTM D 792	1.76~1.80g/cm ³
	Tear Strength		
Thermal	Flame Retardant	UL 224	VW1
Electrical	Dielectric Breakdown Voltage		
	Dielectric Strength	IEC 60243	25kV/mm
	Withstanding Voltage		
	Volume Resistivity	IEC 62631	10 ¹⁴ Ω.cm.min.
Chemical	Water Absorption	ISO 62	0.5% max.
	Copper Corrosion	UL 224	No corrosion
Heat Shock at 300°C for 4hrs		ASTM D 2671	No Dripping or Cracking
Cold Bend at -40°C for 4hr		ASTM D 2671	No cracking

SPECIFICATION REFERENCES

RoHS	MILITARY	UNDERWRITERS LAB	FLAME RETARDANT
	AMS-DTL 23053/8 DEF STAN 59-97 VG95343 Pt5	UL Recognised Component (File: E249362 H-175K) CSA Recognised Component	

DIMENSIONS

ORDERING SIZE (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD LENGTH (M)
1.2	1.2	0.6	0.25	1.2
1.6	1.6	0.8	0.25	1.2
2.4	2.4	1.2	0.25	1.2
3.2	3.2	1.6	0.25	1.2
4.8	4.8	2.4	0.25	1.2
6.4	6.4	3.2	0.30	1.2
9.5	9.5	4.8	0.30	1.2
12.7	12.7	6.4	0.30	1.2
19.0	19.1	9.5	0.43	1.2
25.4	25.4	12.7	0.48	1.2



ORDERING

Comes in Clear (CR).

COLOURS:

Clear(CR).

ORDER CODE:

Product **Size Colour**

FK2X

Example: 3.2mm ID Clear is FK2X **3.2 CR**

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All information above is as accurate as possible but should be treated as a guide only. Shrink Sleeve Ltd shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of the product. It remains the responsibility of the user to determine suitability and test the product.