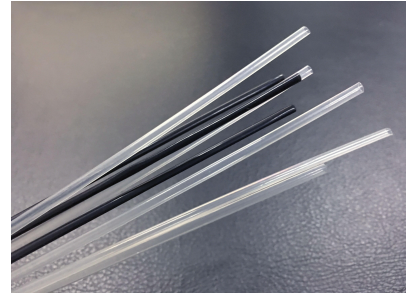


KY-150°C PVDF/ Kynar High Temp. Resistant Heat shrink tubing

Description

KY-150°C PVDF/Kynar heat shrink tubing is made of irradiation cross-linked special fluorine polymer PVDF (polyvinylidene fluoride). With the advantages to transparency, flame resistance, high temperature resistance, chemical corrosion resistance, solvent resistance, cutting resistance, and so on.

It mainly applies to motorcycle cable, automobile cables, brake wire, cables and electronic component for insulation protection. It's also widely used in chemical equipment industry.



Feature & benefit

- 1, quite thin wall, shrink ratio: 2:1, 3:1
- 2, High flame resistance: VW-1
- 3, Superior to tenacity, physical properties and chemical corrosion resistance
- 4, Withstand 600V

Operating indexes:

- 1, First shrink temp.:125°C
- 2, Final shrink temp.:150°C
- 3, Operating temp.: -55°C~150°C

Up to standard: Approvals
Meet AMS-DTL-23053/18 , Class 2
Meet UL224 150°C 600V VW-1

Technical Date

Product Property	Performance requirements	Test method	Test Date
Tensile strength	17.3Mpa min	ASTM D 638	≥27MPa
Elongation	150% min	ASTM D 638	≥300%
Heat shock ,250℃,4hrs	No cracking, dripping or flowing	ASTM D 2671	Pass
Low temperature flexibility -55℃, 4hrs	No cracking	ASTM D 2671	Pass
Elongation after aging	100%	ASTM D 638	≥100%
Dielectric voltage withstand	2500V., 60sec, no breakdown	ASTM D 2671	Pass
Volume resistivity	1011Ω.cm min	ASTM D 876	≥1012Ω.cm
Corrosion	No corrosion	ASTM D 2671	Pass
Flammability	VW-1	UL 224	Pass

Dimension

Part Number	Nominal Size(mm)		As supplied(mm)	After recovered (mm)			Standard Packing (M/Roll)
	(mm)	(inch)	D(min) Inner diameter	D (max) Inner diameter	t Wall thickness		
KY150-012	1.2	3/64	1.2	0.6	0.25±0.05	1.2 / 100	
KY150-016	1.6	1/16	1.6	0.8	0.25±0.05	1.2 / 100	
KY150-024	2.4	3/32	2.4	1.2	0.25±0.05	1.2 / 100	
KY150-032	3.2	1/8	3.2	1.6	0.25±0.05	1.2 / 100	
KY150-048	4.8	3/16	4.8	2.4	0.25±0.05	1.2 / 100	
KY150-064	6.4	1/4	6.4	3.2	0.30±0.08	1.2 / 100	
KY150-095	9.5	3/8	9.5	4.8	0.30±0.08	1.2 / 100	
KY150-127	12.7	1/2	12.7	6.4	0.30±0.08	1.2 / 100	
KY150-191	19.1	3/4	19.1	9.5	0.43±0.08	1.2 / 100	
KY150-254	25.4	1	25.4	12.7	0.48±0.08	1.2 / 100	
KY150-381	38.1	1 1/2	38.1	19	0.51±0.08	1.2	
KY150-508	50.8	2	50.8	25.4	0.58±0.08	1.2	

Colors: Black, transparent

Pointed size is available according to customers' requests.

