

KY-175°C Kynar High Temp. Resistant Heat shrink tubing

Description



KY-175°C KYNAR high temperature resistant heat shrink tube is made of irradiation cross-linked special fluorine polymer PVDF (polyvinylidene fluoride). With the speciality of superior chemical and physical properties, high temperature resistance, high flame resistance, chemical solvent resistance, rub resistance, and so on.

it's used in automobile, electronics, military, medical equipment and other fields and allies to industries: automobile, motorcycle cables, bicycle brake cables for insulation protection. Scalpel, coagulator knife, electric coagulation knife and other metal medical equipment for insulation protection.

Feature & benefit

- 1, Semi-hard materials, thin wall design
- 2, Resistant to 175°C
- 3, Shrink ratio: 2:1, 3:1
- 4, High flame resistance VW-1
- 5, Transparent design, inner player is visual when operating

Operating indexes:

- 1, Min. Shrink temp.: 155°C
- 2, Recovered Shrink temp.: 175

3, Working temperature: -55°C~175°C

Up to standard: Approvals

Meet AMS-DTL-23053/18 , Class 2

Meet UL224 150°C 600V VW-1

Technical Data

Product Property	Performance requirements	Test method	Test Date
Tensile strength	34.5Mpa min	ASTM D 2671	≥35MPa
Elongation	200% min	ASTM D 638	≥200%
Heat shock 275°C,4hrs	No cracking, dripping or flowing	ASTM D 2671	Pass
Low temperature flexibility -55°C, 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	1014Ω.cm min	ASTMD876	≥1014Ω.cm
Corrosion	No corrosion	ASTM D 2671	Pass
Flammability	VW-1	≥UL 224	Pass

Dimension

Part Number	Nominal Size		As supplied (mm)	After recovered (mm)		Standard Packing (M/Roll)
	(mm)	(inch)	D(min) Inside diameter	d (max) Inside diameter	t. Wall thickness	
KY175-012	1.2	3/64	1.2	0.6	0.25±0.05	1.2 / 100
KY175-016	1.6	1/16	1.6	0.8	0.25±0.05	1.2 / 100
KY175-024	2.4	3/32	2.4	1.2	0.25±0.05	1.2 / 100
KY175-032	3.2	1/8	3.2	1.6	0.25±0.05	1.2 / 100

KY175-048	4.8	3/16	4.8	2.4	0.25±0.05	1.2 / 100
KY175-064	6.4	1/4	6.4	3.2	0.30±0.08	1.2 / 100
KY175-095	9.5	3/8	9.5	4.8	0.30±0.08	1.2 / 100
KY175-127	12.7	1/2	12.7	6.4	0.30±0.08	1.2 / 100
KY175-191	19.1	3/4	19.1	9.5	0.43±0.08	1.2 / 100
KY175-254	25.4	1	25.4	12.7	0.48±0.08	1.2 / 100
KY175-381	38.1	1 1/2	38.1	19	0.51±0.08	1.2
KY175-508	50.8	2	50.8	25.4	0.58±0.08	1.2

Colors: Blace, transparent, red and blue
 Pointed is availabe according to customers' requests.

