

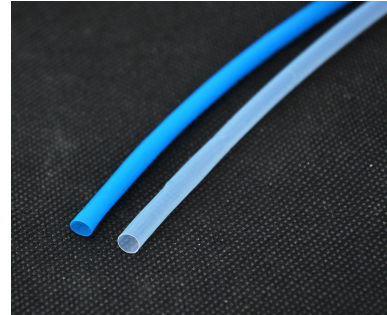
KY-PTFE 260°C Teflon Heat Shrink Sleeve

Description

KY-PTFE 260°C High Temperature Teflon Heat Shrink Tube, is made by Teflon materials (PTFE), can be used in 260°C high temperature environment.

Wear-proof, anti-oil, anti chemical corrosion and high temperature resistance. Superior flame resistance and physical-chemical properties, low friction coefficient.

It has been widely used in high temperature wire harnesses, insulating protection to joint and weld, pressure to lift and identification to the covered components, as well as automobile, military, aerospace and aviation, etc.



Feature & benefit

- 1, Heat shrink ratio: 1.7:1, 4:1
- 2, High flame resistance, superior electrical-chemical properties.
- 3, Low friction coefficient.
- 4, RoHs compliant.

Operating indexes:

Max. Shrink temp.: 350°C

Operating temp.: -65°C~260°C

Up to standard: Approvals

Meet SAE-AMS-DTL-23053/12

Technical Date



Product Property	Performance requirements	Product Property	Performance requirements
Specific gravity g/cm ³	2.10	Min. Shrink temp.	300°C
Tensile strength Mpa	20.5	Miz. Shrink temp.	350°C
Bending strength Mpa	400	Absorptivity	≤0.01%
Impact strength	-NO Break	Longitudinal shrinking ratio(%)	≤5%
Hardness ShoreD	85	Elongation at break(%)	330
Friction coefficient	0.1	Aging in air oven	300°C
Flammability	VW-1	0.5	2
		After heat aging	Tensile strength(Mpa)
Dielectric constant	2.1		Elongation at break(%)
Dissipation Factor	0.0002	Volume resistivity (Ω/cm)	>10 ¹⁸
Arc coefficient	>300	Breakdown strength(KV/mm)	30

Weather ability	NO Break	Flammability	VW-1
Resistance to chemical attack	Excellent	Concentricity rate(%)	≥60

Dimension

Part Number	Size	As supplied (mm)			After recovered (mm)			Standard Packing (M/Roll)
		Inner Diameter	Wall thickness (Thin)	Wall thickness (Thick)	Inner diameter (Max.)	Wall thickness (Thin)	Wall thickness (Thick)	
KY-PTFE-005	φ 0.5	0.7±0.2	0.10±0.05	0.15±0.05	≤0.40	0.15±0.05	0.25±0.05	100
KY-PTFE-010	φ 1.0	1.0±0.2	0.10±0.05	0.15±0.05	≤0.50	0.15±0.05	0.25±0.05	100
KY-PTFE-015	φ 1.5	1.5±0.2	0.10±0.05	0.20±0.05	≤0.90	0.15±0.05	0.25±0.05	100
KY-PTFE-020	φ2.0	2.0±0.2	0.10±0.05	0.20±0.05	≤1.30	0.15±0.05	0.30±0.05	100
KY-PTFE-025	φ2.5	2.5±0.2	0.10±0.05	0.20±0.05	≤1.5	0.15±0.05	0.30±0.05	100
KY-PTFE-030	φ 3.0	3.0±0.2	0.15±0.05	0.20±0.05	≤1.80	0.20±0.05	0.30±0.05	100
KY-PTFE-035	φ 3.5	3.5±0.2	0.15±0.05	0.20±0.05	≤2.0	0.20±0.05	0.30±0.05	100
KY-PTFE-038	φ 3.8	3.8±0.2	0.15±0.05	0.20±0.05	≤2.0	0.20±0.05	0.30±0.05	100
KY-PTFE-040	φ 4.0	4.0±0.3	0.15±0.05	0.20±0.05	≤2.5	0.20±0.05	0.30±0.05	100
KY-PTFE-045	φ 4.5	4.5±0.3	0.15±0.05	0.20±0.05	≤2.8	0.20±0.05	0.30±0.05	100
KY-PTFE-050	φ5.0	5.0±0.3	0.15±0.05	0.20±0.05	≤3.0	0.20±0.05	0.30±0.05	100
KY-PTFE-060	φ 6.0	6.0±0.3	0.15±0.05	0.25±0.05	≤3.8	0.25±0.05	0.38±0.05	100
KY-PTFE-070	φ 7.0	7.0±0.3	0.15±0.05	0.25±0.05	≤4.0	0.25±0.05	0.38±0.05	100
KY-PTFE-080	φ 8.0	8.0±0.3	0.15±0.05	0.25±0.05	≤4.8	0.25±0.05	0.38±0.05	100
KY-PTFE-090	φ 9.0	4.5±0.3	0.15±0.05	0.25±0.05	≤5.0	0.25±0.05	0.38±0.05	100

Colors: Blue, transparent (other colors can be customized)