

HST-KYN AR175 heat shrink tube



Description:

HST-KYN AR175 heat shrink tube is Provides very-thin-wall insulation and strain relief of multipin connectors, solder joints and other delicate electrical connections and terminations. It is well-suited for applications that require dense packing of components such as downhole sensors. Provides superior chemical and solvent resistance when used for bundling and jacketing of wires and cables. Suitable for applications requiring low outgassing materials such as wire bundling and label protection in satellites.

Product Features/Benefits:

- 2:1 shrink ratio
- Tough, semirigid, very-thin-wall insulation
- High flame-resistance
- High-temperature performance that meets or exceeds industrial standards
- Protection from most industrial solvents, fuels, and chemicals
- Recommended maximum temperature for use as a primary insulator: 135°C [275°F]
- RoHS compliant

Installation:

Minimum shrink temperature: 100°C

Minimum full recovery temperature: 175°C

Operating Temperature Range: -55°C to 175°C

Technical index:

Performance:	Index:	Test according:
Proportion	1.78g/cm ³	ASTM D 791
Tensile Strength	≥30MPa	ASTM D 2671
Elongation at break	≥15 0%	ASTM D 2671
Elongation at break after heat aging	≥100%	175°C×168h
Volume resistivity	≥10 ¹³ Ω .cm	IEC 60093

Flame retardant	Pass	UL 224 VW-1
Cold-formed flexibility	No cracks	-55°C×4h
Thermal shock	No cracks	250°C×4h
Copper corrosion	No corrosion	180°C×168h
Copper stable	No degradation	180°C×168h

Specifications:(can be produced according to given specification)

Spec (cm)	Spec (inch)	Inside Diameter Supply	Maximum size after shrink(mm)		Tube shape	Standard Package(m /set)
			Inside Diameter	Wall Thickness		
Φ1.2	3/64	≥1.2	≤0.6	0.25±0.05	Round	200
Φ1.6	1/16	≥1.6	≤0.8	0.25±0.05	Round	200
Φ2.4	3/32	≥2.4	≤1.2	0.25±0.05	Round	200
Φ3.2	1/8	≥3.2	≤1.6	0.25±0.05	Round	100
Φ4.8	3/16	≥4.8	≤2.4	0.25±0.05	Round	100
Φ6.4	1/4	≥6.4	≤3.2	0.30±0.05	Round	100
Φ9.5	3/8	≥9.5	≤4.8	0.30±0.05	Flat	50
Φ12.7	1/2	≥12.7	≤6.4	0.30±0.05	Flat	50
Φ19.1	3/4	≥19.1	≤9.5	0.42±0.05	Flat	50
Φ25.4	1	≥25.4	≤12.7	0.50±0.05	Flat	50
Φ38.1	1-1/2	≥38.1	≤19.1	0.50±0.05	Flat	50

* Customized dimensions are available on request

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