

## A1-T5(KM) Fluid Resistance Dual Wall Heat Shrink Tube

### Introduction

Solvent resistance semirigid polyolefin shrink tubing, with solvent-resistant hot melt adhesive liner, flame retardant. Suitable for sealing and protection of optical cable connectors and can meet various performance requirements such as UV resistance, oil resistance, weather resistance, and mold resistance.

### Features

- Operating temperature: -55 to 125°C
- Shrink ratio: 2:1 & 2.5:1 & 3:1
- Minimum fully recovery temperature: 135°C
- Standard Color: Black, Other colors optional
- Environmental friendly, RoHS compliant

### Dimension

Part No. A1-T5(KM)	As supplied(mm)	After recovered (mm)	
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)
8.5/3.0	8.5	3.0	1.4
11.5/5	11.5	5.0	1.2
8.5/3.0T	8.5	3.0	1.0
33/10	33	10	2.2
38/12	38	12	2.5
43/12	43	12	2.5
55/16	55	16	2.7
75/22	75	22	3.0

### Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 10.4 MPa
Ultimate Elongation	ASTM D2671	≥ 200%
Heat Aging (158°C/168h)	ASTM D2671	
Tensile Strength		≥ 7.3 MPa
Ultimate Elongation		≥ 100%
Water absorption (23°C/24h)	ASTM D2671	≤ 0.5%
Low-temperature flexibility (-55°C/4h)	ASTM D2671	No cracking
Heat shock (225°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistivity	ASTM D2671	≥ 1 × 10 <sup>14</sup> Ω.cm
Fluid resistance (23°C/168h)	ASTM D2671	
Tensile Strength		≥ 7.3 MPa
Ultimate Elongation		≥ 100%
Fungus Resistance	ASTM D2671	Not less than rate 1
Copper corrosion (150°C/16h)	ASTM D2671	No corrosion

