

Medium and Heavy Wall Heat Shrink

T1 Compound Insulation Heat Shrink Tape

Introduction

Cross-linked polyolefin outer layer, pre-coated adhesive inner layer. Emergency repair of electrical system. Overlapping the irregular shaped substrate to provide a lap to lap sealing insulation and protection while tube or sleeve are not applicable.

Features

- Operating temperature: -45 to 105°C
- Minimum fully recovery temperature: 125°C
- Standard Color: Black, Other colors optional
- Voltage class: 1kV ~ 36kV
- Shrink ratio: $\geq 30\%$
- Halogen-free, RoHS compliant
- Single or Dual wall optional

Dimension

Part No.	Width (mm)	Thickness (mm)	Length (m/roll)
T1	A	W	L
T1-25A	25.0±2.0	0.8±0.2	5 or 10
T1-50A	50.0±4.0	0.8±0.2	5 or 10
T1-100A	100.0±4.0	0.8±0.2	5 or 10
T1-25B	25.0±4.0	1.0±0.2	5 or 10
T1-50B	50.0±4.0	1.0±0.2	5 or 10
T1-100B	100.0±4.0	1.0±0.2	5 or 10

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 10.4 MPa
Ultimate Elongation	ASTM D2671	$\geq 200\%$
Heat Aging (120°C/168h)	ASTM D2671	
Tensile Strength		≥ 7.3 MPa
Ultimate Elongation		$\geq 100\%$
Longitudinal Change	ASTM D2671	-10% to +10%
Dielectric strength	ASTM D2671	≥ 10 kV/mm
Volume resistivity	ASTM D2671	$\geq 1.0 \times 10^{14} \Omega \cdot \text{cm}$

