

CABLE REPAIR AND TAPE

T1 Compound Insulation Heat Shrink Tape

Adhesive lined heat shrink tape that seals and insulates irregular shapes where no tube or sleeve will fit



Voltage Range	1 kV to 36 kV
Operating Temperature	-55 to 110 °C
Full Recovery Temperature	125 °C minimum
Shrink Ratio	3:1 and 4:1
Compliance	Halogen free and RoHS
Wall	Single or adhesive lined dual wall

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: -55 to 110°C
- Minimum fully recovery temperature: 125°C
- Shrink ratio: 3:1 & 4:1
- Halogen-free, RoHS compliant
- Single or Dual wall optional
- Standard Color: Black, Other colors optional
- Voltage class: 1kV ~ 36kV

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥10.4 MPa
Ultimate Elongation	ASTM D2671	≥200%
Heat Aging (120°C/168h) Tensile Strength Ultimate Elongation	ASTM D2671	≥7.3 MPa ≥100%
Longitudinal Change	ASTM D2671	-10% to +10%
Dielectric strength	ASTM D2671	≥10 kV/mm
Volume resistivity	ASTM D2671	≥1.0×10 ¹⁴ Ω·cm

Dimensions

Part NO.	Width (mm) A	Thickness (mm) W	Length (m) 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

Cross Reference

Tyco-Raychem: HVBT

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