MULTI-WALL POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101-MW

FEATURES

- 2.5:1 shrink ratio
- Semi-rigid tubing with an adhesive liner
- Provides excellent strain relief and insulation of weak points
- Provides a tough, protective, insulating covering
- Easy to remove
- Resists moisture, chemicals and solvents
- Easily marked
- Meets UL and Military specifications

USES

- Encapsulating electronic components, wire splices and delicate wire terminations to provide moisture resistance and mechanical protection
- Filling surface irregularities of substrates with adhesive
- Sealing ends of electrical cables and rigid tubing
- Installations requiring re-work, retrofit or repair in the field
- Identifying circuits and components
- Rugged protection against abrasion, vibration and flexing

SPECIFICATIONS

- UL 224 (Jacket)
- AMS 3634
- SAE-AMS-DTL-23053/4 Class 1
MULTI-WALL POLYOLEFIN HEAT SHRINKABLE TUBING

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TECHNICAL DATA

- Shrink Ratio: 2.5:1
- Minimum Recommended Shrink Temperature: 135°C (257°F)
- Operating Temperature Range: -55°C to 110°C
- Longitudinal Shrinkage: +1/-10%
- Physical / Electrical / Chemical Properties:
  - Specific Gravity: 1.0
  - Tensile Strength: 2200 psi
  - Ultimate Elongation: 400%
  - Secant Modulus: (2%) 27000 psi
  - Heat Aging*: 168 hrs. @ 175°C Elongation 175%
  - Heat Shock*: 4 hrs. @ 250°C No dripping, cracking or flowing
  - Low Temperature Flexibility*: 4 hrs. @ -55°C No cracking
  - Volume Resistivity: $10^{15}$ ohm-cm
  - Dielectric Strength: 900 vpm
  - Corrosion Resistance: Non-corrosive
  - Fungus Resistance: Non-nutrient
  - Water Absorption: 0.1%

* Outer Jacket Only

### SPECIFICATIONS

- UL 224 (Jacket)
- AMS 3634
- SAE-AMS-DTL-23053/4 Class 1

<table>
<thead>
<tr>
<th>Size</th>
<th>Expanded I.D. Minimum</th>
<th>Expanded I.D. Maximum</th>
<th>Recovered I.D. Minimum</th>
<th>Recovered I.D. Maximum</th>
<th>Total Recovered Wall Thickness Nominal</th>
<th>Meltable Recovered Wall Thickness Nominal</th>
<th>Standard Packaging (per box) 4-Foot Lengths</th>
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- Standard Color: Black

All information presented is believed to be reliable and is offered only as a guide to product selection. As each application is unique, Insultab can make no warranties as to the suitability of any products for a particular use. Specifications are subject to change.