MULTI-WALL POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101-MW-2:1

FEATURES

- 2:1 shrink ratio
- Thin wall tubing with a thin, thermoplastic, adhesive liner
- Bonds to a wide variety of plastics, rubbers and metals
- Good mechanical strength and cut-through resistance
- Flexible
- Provides a permanent, waterproof environmental seal
- Flame retardant
- Meets UL and Military specifications

USES

- Providing permanent, non-drying, bendable, water-resistant protection in harsh outdoor environments
- Automotive, truck and marine applications - protecting cable and joint splices and electrical connections from fluids, moisture and corrosion
- Flexible repairs of damaged wire insulation
- Quick and easy one-step electrical insulation and moisture sealing

SPECIFICATIONS

- UL 224 (Jacket)
- SAE-AMS-DTL-23053/4 Class 2
MULTI-WALL POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101-MW-2:1

TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 121°C (250°F)
- Operating Temperature Range: -55°C to 110°C
- Longitudinal Shrinkage: +1 / -5%
- Physical / Electrical / Chemical Properties:
  - Specific Gravity: 1.3
  - Tensile Strength: 2100 psi
  - Ultimate Elongation: 450%
  - Secant Modulus: (2%) 17000 psi
  - Heat Aging*: 168 hrs. @ 175° Elongation 175%
  - Heat Shock*: 4 hrs. @ 225°C No dripping, cracking or flowing
  - Low Temperature Flexibility*: 4 hrs. @ -55°C No cracking
  - Flammability: Self-extinguishing
  - Volume Resistivity: $10^{14}$ ohm-cm
  - Dielectric Strength: 800 vpm
  - Corrosion Resistance: Non-corrosive
  - Fungus Resistance: Non-nutrient
  - Water Absorption: 0.3%
  - Fluid Resistance: Excellent

* Outer Jacket Only

SPECIFICATIONS

- UL 224 (Jacket)
- SAE-AMS-DTL-23053/4 Class 2

**Adhesive**

<table>
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<th>Property</th>
<th>Substrate</th>
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Corrosive Effect: Non-corrosive

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<th>Meltable Recovered Wall Thickness Nominal</th>
<th>Standard Packaging (per box)</th>
<th>Product on Spools</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.