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 (outer jacket)
• Meets UL and Military specifications

USES

• Providing permanent, 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 224 125°C, 600 V
• SAE-AMS-DTL-23053/4 Class 2
MULTI-WALL POLYOLEFIN HEAT SHRINKABLE TUBING

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TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 110°C (230°F)
- Operating Temperature Range: -55°C to 110°C
- Longitudinal Shrinkage: +1 / -5%
- Physical / Electrical / Chemical Properties:
  - Tensile Strength: 1500 psi min.
  - Ultimate Elongation: 200% min.
  - Secant Modulus: (2%) 25,000 psi max.
  - Heat Shock*: 4 hrs. @ 225°C No dripping, cracking or flowing
  - Cold Impact: -55°C, No cracking
  - Flammability: UL 224 AFT
  - Volume Resistivity: 10¹⁴ ohm-cm
  - Dielectric Strength: 500 vpm min.
  - Corrosion Resistance: Non-corrosive
  - Fungus Resistance: No growth
  - Water Absorption: 0.5% max.
  - Fluid Resistance: Per SAE-AMS-DTL-23053/4, class 2

SPECIFICATIONS

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

* Outer Jacket Only

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<th>Expanded I.D. Minimum</th>
<th>Recovered I.D. Maximum</th>
<th>Total Recovered Wall Thickness Nominal</th>
<th>Melted Recovered Wall Thickness Nominal</th>
<th>Standard Packaging (per box)</th>
<th>4-Ft 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.