POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101-3X

FEATURES

• 3:1 shrink ratio
• Shrinks uniformly over irregular sizes and shapes
• Very flexible
• Doesn’t easily wrinkle when bent
• Low shrink temperature
• Excellent for surface printing
• Meets UL and CSA specifications

USES

• Applications which require sliding the tubing over connectors or where the connectors are larger than the cables
• Strain relief and electrical insulation of commercial wire terminations and electrical connections
• Jacketing and bundling flexible, light-duty wire harnesses and temperature sensitive components
• Insulating oversized components in-line with wiring
• Industrial and military applications

SPECIFICATIONS

• UL 224, 125°C, 600 V, VW-1
• CSA
POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101-3X

TECHNICAL DATA

- Shrink Ratio: 3:1
- Minimum Recommended Shrink Temperature: 90°C (194°F)
- Operating Temperature Range: -55°C to 135°C
- Longitudinal Shrinkage: +1 to -15%
- Physical / Electrical / Chemical Properties:
  Specific Gravity: 1.35 max.
  Tensile Strength: 1500 psi, min.
  Ultimate Elongation: 200% min.
  Secant Modulus: (2% elong.) 25,000 psi, max.
  Heat Aging: 168 hrs. @ 175°C Elongation 100% min.
  Heat Shock: 4 hours @ 250°C No dripping, cracking or flowing
  Low Temperature Flexibility: 4 hrs. @ -55°C No cracking
  Water Absorption: 0.5% max.
  Flammability Rating: UL 224, VW-1
  Volume Resistivity: 10¹⁴ ohm-cm, min.
  Dielectric Strength: 500 vpm, min.
  Corrosion Resistance: Non-corrosive
  Fungus Resistance: No growth

SPECIFICATIONS

- UL Subject 224
- CSA
- SAE-AMS-DTL-23053/5, Class 1

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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.