SPECIALTY MATERIALS HEAT SHRINKABLE TUBING

HSK-600 PVDF

FEATURES

- 2:1 shrink ratio
- Translucent, thin wall, semi-rigid tubing
- Highly flame retardant
- Excellent dielectric properties
- Highly resistant to most industrial fuels, chemicals and solvents
- Outstanding abrasion, cut-through, high impact and high temperature resistance
- High degree of mechanical strength
- Meets UL, CSA and Military specifications

USES

- Applications requiring high-temperature performance
- Electrical insulation and strain relief of high temperature wires, solder joints, terminals and connections
- Automotive wiring, fuse coverings
- Jacketing for resistors, capacitors and other components
- Military wire markers

SPECIFICATIONS

- UL 224 VW-1
- CSA OFT
- AMS 3632
- SAE-AMS-DTL-23053/8

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HSK-600 PVDF

TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 170°C (338°F)
- Operating Temperature Range: -55°C to 175°C
- Longitudinal Shrinkage: ±10%
- Physical / Electrical / Chemical Properties:
  - Specific Gravity: 1.8 max.
  - Tensile Strength: 5000 psi min.
  - Ultimate Elongation: 150% min.
  - Secant Modulus: (2%) 120,000 psi min.
  - Low Temperature Flexibility: 4 hrs. @ -55°C No cracking
  - Flammability: Self-extinguishing
  - Volume Resistivity: $10^{13}$ ohm-cm, min.
  - Dielectric Strength: 800 vpm min (as supplied i.d.<0.5”);
    600 vpm min (as supplied i.d.≥ .5”)
  - Corrosion Resistance: Non-corrosive
  - Fuel, Oil, Solvent, Acids and Alkalis Resistance: Per SAE-AMS-DTL-23053/8

SPECIFICATIONS

- UL VW-1
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<table>
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<th>Size</th>
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<th>Recovered Wall Nominal</th>
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- Standard Color: Translucent

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.