SPECIALTY MATERIALS HEAT SHRINKABLE TUBING

HS-VTN Fluoroelastomer

FEATURES

- 2:1 shrink ratio
- Superior resistance to highly corrosive chemicals, fuels, lubricants, acids and solvents
- Outstanding high temperature performance
- Highly impact, abrasion and cut-through resistant
- Very flexible
- Easily marked
- Meets Military specifications

USES

- Protection of wiring and component covers in aircraft and aerospace applications
- Automotive applications
- Hydraulic fluid transport mechanisms
- Chemical processing applications
- Applications up to 200°C

SPECIFICATIONS

- SAE-AMS-DTL-23053/13
HS-VTN Fluoro elastomer

**TECHNICAL DATA**
- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 130°C (266°F)
- Operating Temperature Range: -40°C to 200°C
- Longitudinal Shrinkage: -20% max.
- Physical / Electrical / Chemical Properties:
  - Ultimate Elongation: 250% min.
  - Flammability: Self-extinguishing
  - Volume Resistivity: 10⁹ ohm-cm min.
  - Dielectric Strength: 200 vpm, min.
  - Corrosion Resistance: Non-corrosive
  - Fuel, Oil, Solvent, Acids and Alkalis Resistance: Per SAE-AMS-DTL-23053/13

**SPECIFICATIONS**
- SAE-AMS-DTL-23053/13

<table>
<thead>
<tr>
<th>Size</th>
<th>Expanded I.D. Minimum in.</th>
<th>Recovered I.D. Maximum in.</th>
<th>Recovered Wall Nominal in.</th>
<th>Standard Packaging (per box) ft./Spool</th>
<th>Total ft./Box</th>
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<td>0.125</td>
<td>0.62</td>
<td>0.30</td>
<td>200'</td>
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<tr>
<td>3/16</td>
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<td>0.93</td>
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<tr>
<td>1/4</td>
<td>0.250</td>
<td>1.25</td>
<td>0.35</td>
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<td>1.87</td>
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<tr>
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<tr>
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<td>1.000</td>
<td>5.00</td>
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<td>50'</td>
</tr>
<tr>
<td>1 1/4</td>
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<td>6.25</td>
<td>0.55</td>
<td>50'</td>
<td>50'</td>
</tr>
</tbody>
</table>

- 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.