Extruded PTFE Film

FLUOROWRAP® E125 Unsintered Extruded PTFE film is engineered to be a versatile, high quality film for use in a variety of electrical applications.

Features/Benefits

- High temperature insulation
- High thermal and chemical resistance
- High dielectric strength
- Conformable
- Micro-pore structure
- RoHS and REACH compliant

Availability

FLUOROWRAP® E125 is available in white or natural. FLUOROWRAP® E125 is available on industry standard 3” (76 mm) ID cores in flat pad, traverse wound or StablEdge™ configuration. Customized solutions available.

Applications

- High temperature cable insulation
- Wire harness wrapping
- Coil winding
- Zinc-air batteries
**FLUOROWRAP® E125 Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

<table>
<thead>
<tr>
<th>Property</th>
<th>English Units</th>
<th>Metric Units</th>
<th>English Units</th>
<th>Metric Units</th>
<th>English Units</th>
<th>Metric Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thickness</strong></td>
<td>2.0 mil</td>
<td>0.051 mm</td>
<td>3.0 mil</td>
<td>0.076 mm</td>
<td>4.0 mil</td>
<td>0.102 mm</td>
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<tr>
<td><strong>Density</strong></td>
<td></td>
<td></td>
<td>1.6 g/cm²</td>
<td></td>
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</tr>
<tr>
<td><strong>Tensile Strength MD</strong> (minimum)</td>
<td>1,800 psi</td>
<td>17.2 MPa</td>
<td>1,800 psi</td>
<td>15.8 MPa</td>
<td>1,500 psi</td>
<td>15.2 MPa</td>
</tr>
<tr>
<td><strong>Elongation MD (minimum)</strong></td>
<td>50 %</td>
<td></td>
<td>50 %</td>
<td>85 %</td>
<td>125 %</td>
<td></td>
</tr>
<tr>
<td><strong>Approximate Yield</strong></td>
<td>60.2 ft²/lb</td>
<td>12.3 m²/kg</td>
<td>40.1 ft²/lb</td>
<td>8.2 m²/kg</td>
<td>30.1 ft²/lb</td>
<td>6.2 m²/kg</td>
</tr>
</tbody>
</table>

**Note:** FLUOROWRAP® and StablEdge™ are registered trademarks.