AEROCEL®
Protape

Protape®
Self-adhering rubber tape for insulation tube and sheet joints
PROTAPE is an EPDM-based, self-adhering, rubber tape, specifically designed for covering the joints of Aerocel tubes and sheets. Protape provides extra holding strength to the joints and serves as a vapor retarder to prevent atmospheric moisture from penetrating the seams. It is easy to wrap and patch elastomeric insulation surfaces securely.

**PROTAPE : Standard sizes and Packing**

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Rolls/Case</th>
<th>Carton Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPRR 0675025</td>
<td>24 mil x 3&quot; x 82'</td>
<td>8</td>
<td>14.5&quot;W x 8&quot;D x 13&quot;H</td>
</tr>
<tr>
<td>TPRR 0650025</td>
<td>24 mil x 2&quot; x 82'</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>TPRR 0640025</td>
<td>24 mil x 1-1/2&quot; x 82'</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>TPRR 0630025</td>
<td>24 mil x 1-1/4&quot; x 82'</td>
<td>20</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Specification</th>
<th>Test Results</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>EPDM rubber</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Thickness</td>
<td>.024 mil.</td>
<td>+/- .004 mil.</td>
</tr>
<tr>
<td>Adhesion Peel Strength</td>
<td>1.20</td>
<td>Speed 3/4&quot;/min. ASTM D3330</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>2.5</td>
<td>Speed 2&quot;/min. JIS K6301</td>
</tr>
<tr>
<td>Elongation</td>
<td>50%</td>
<td>Speed 2&quot;/min. JIS K6301</td>
</tr>
<tr>
<td>Holding Power</td>
<td>3 hrs</td>
<td>ASTM D3654</td>
</tr>
<tr>
<td>Initial Tears</td>
<td>5/16&quot;</td>
<td>#15 ASTM D3121</td>
</tr>
<tr>
<td>Adhesive</td>
<td>Acrylic pressure-sensitive adhesive</td>
<td></td>
</tr>
</tbody>
</table>

*The test results show the average value.

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**Service Temperature**
-70°F to 257°F
-57°C to +125°C

**Upper Limit:** ASTM C 411

**U V Resistance**
Pass

**ASTM G 7**

**Ozone Resistance**
No cracking

**ASTM D 1171**

**Water Vapor Permeability**
0.03 in (4.38 x 10^-11)

**ASTM E 96**

**Water Absorption (weight %)**
0.2%

**ASTM C 209**

**Flammability, Smoke Density**

Class V O
UL-94

**ASTM E 84**

**Self extinguishing**

**ASTM D 635**

**Corrosion of copper, stainless**

Non-corrosive/Pass

**DIN 1988/ASTM C 692**

**Nitrosamine Contents**
Not detected

**U.S. FDA CPG No. 7117.11**

**BSEN 12868**

**AEROFLEX USA, INC.**

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