PVC Industrial Foam

PVC Industrial Foam is engineered to provide a cost-effective solution to your most demanding sealing and cushioning requirements. This closed cell polyvinyl chloride foam can be produced with or without adhesive.

**PERFORMANCE CHARACTERISTICS**
- Remains flexible at 20° C to 80° C
- Resistant to most solvents and chemicals
- Fire resistant per FMVSS 302
- Ultraviolet resistant
- Seals out light, air, dust and moisture
- Cushions against vibration and noise

**ADHESIVE**
- Water-based acrylic
- Good initial tack and high shear
- Excellent resistance to plasticizers
- Builds bond strength over time
- Recommended for most industrial applications

**INDUSTRIES**
- Transportation
- General Assembly
- Appliance
- Construction
- HVAC
- Retail
- Industrial

**SUBSTRATES**
- 90 # paper
- 2.0 mil polyester film
- 1.5 mil aluminum

**COLORS**
- Standard
- Special (minimums apply)
- Brown
- White
- Natural
- Charcoal
- Custom Colors

### PVC Industrial Foam Physical Properties

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Sof- Seal</th>
<th>Low Density</th>
<th>Medium Density</th>
<th>High Density</th>
<th>Very High Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/16&quot; – 3/4&quot;</td>
<td>1/16&quot; – 1&quot;</td>
<td>1/16&quot; – 1/2&quot;</td>
<td>1/16&quot; – 1/2&quot;</td>
<td>3/32&quot; – 1/16&quot;</td>
</tr>
<tr>
<td>Length *</td>
<td>6 – 300 ft.</td>
<td>7 – 300 ft.</td>
<td>10 – 300 ft.</td>
<td>10 – 300 ft.</td>
<td>50 – 300 ft.</td>
</tr>
</tbody>
</table>

*The availability of log lengths is dependent upon foam thickness.

### PVC Industrial Foam Physical Property Table

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Test Method</th>
<th>Sof-Sew</th>
<th>Low Density</th>
<th>Medium Density</th>
<th>High Density</th>
<th>Very High Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density (lbs./cu. ft.)</td>
<td>ASTM D1667</td>
<td>5</td>
<td>7</td>
<td>11</td>
<td>15</td>
<td>19</td>
</tr>
<tr>
<td>Shore Hardness “00”</td>
<td>ASTM D2240</td>
<td>5</td>
<td>25</td>
<td>43</td>
<td>53</td>
<td>58</td>
</tr>
<tr>
<td>Force to Compress 25%</td>
<td>ASTM D1667</td>
<td>1.4 psi</td>
<td>3.6 psi</td>
<td>7.0 psi</td>
<td>10.2 psi</td>
<td>12.0 psi</td>
</tr>
<tr>
<td>Compression Deflection</td>
<td>ASTM D1056</td>
<td>0.5 psi</td>
<td>1.3 psi</td>
<td>4.0 psi</td>
<td>6.0 psi</td>
<td>7.0 psi</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM D1056</td>
<td>3 %</td>
<td>3 %</td>
<td>2 %</td>
<td>2 %</td>
<td>1 %</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D412</td>
<td>15 psi</td>
<td>30 psi</td>
<td>40 psi</td>
<td>70 psi</td>
<td>90 psi</td>
</tr>
<tr>
<td>Elongation</td>
<td>ASTM D412</td>
<td>275 %</td>
<td>190 %</td>
<td>150 %</td>
<td>150 %</td>
<td>160 %</td>
</tr>
</tbody>
</table>

**SHELF LIFE**  Foam Seal PVC Foam has a shelf life of two (2) years from the date of manufacture without adhesive and six (6) months with adhesive, as indicated by the lot number, when stored at or below 75° F.