Neoprene

**KLINGERSIL® C-5400**

- Synthetic Fiber
- Neoprene Binder
- Chemically Stable
- Good Anti-Stick Properties

Typical values refer to 1/16" material unless otherwise specified.

See graphs for temperature & pressure limits

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Creep Relaxation</td>
<td>ASTM F38B (1/32&quot;) 20%</td>
</tr>
<tr>
<td>Sealability</td>
<td>ASTM F37A (1/32&quot;) &lt;0.20 ml/hr</td>
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<tr>
<td>Gas Permeability</td>
<td>DIN 3535/6 &lt;0.5 ml/min</td>
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<tr>
<td>Compressibility</td>
<td>ASTM F36J 8%</td>
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<tr>
<td>Recovery</td>
<td>ASTM F36J 50% minimum</td>
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</tbody>
</table>

**Klinger Hot Compression Test**

- Thickness Decrease 73°F (23°C) 11% initial
- Thickness Decrease 572°F (300°C) 21% additional

**Weight Increase**

- ASTM F146 after immersion in Fuel B 5h/73°F (23°C) 15% maximum

**Thickness Increase**

- ASTM F146 after immersion in
  - ASTM Oil 1, 5h/300°F (149°C) 0-5%
  - ASTM Oil IRM903, 5h/300°F (149°C) 5-20%
  - ASTM Fuel A, 5h/73°F (23°C) 0-5%
  - ASTM Fuel B, 5h/73°F (23°C) 0-10%

**Dielectric Strength**

- ASTM D149-95a 18 kV/mm

**ASTM F104 Line Call Out**

- F712232B3E22K6M5

**Leachable Chloride Content**

- FSA Method (Typical) 500 ppm

**Density**

- ASTM F1315 106 lb/ft³ (1.7 g/cc)

**Color**

- (Top/Bottom) White or Black
Pressure & Temperature Graphs
Material Thickness: 1/16”

Liquids

Gases & Steam