# Chemical Resistant Gasketing

**KLINGERSIL® C-8200**

- Synthetic Fiber
- Hypalon® Binder
- Acid Resistant
- Good Oil-Fuel Resistance
- Good Gas Sealability
- No Color Added

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>
</tr>
</thead>
<tbody>
<tr>
<td>Creep Relaxation ASTM F38B (1/32”)</td>
<td>30%</td>
</tr>
<tr>
<td>Sealability ASTM F37A (1/32”)</td>
<td>&lt;0.30 ml/hr</td>
</tr>
<tr>
<td>Gas Permeability DIN 3535/6</td>
<td>&lt;0.5 ml/min</td>
</tr>
<tr>
<td>Compressibility ASTM F36J</td>
<td>9%</td>
</tr>
<tr>
<td>Recovery ASTM F36J</td>
<td>50% minimum</td>
</tr>
<tr>
<td><strong>Klinger Hot Compression Test</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness Decrease 73°F (23°C)</td>
<td>7% initial</td>
</tr>
<tr>
<td>Thickness Decrease 572°F (300°C)</td>
<td>17% additional</td>
</tr>
</tbody>
</table>

**Weight Increase**

- ASTM F146 after immersion in Fuel B 5h/73°F (23°C) 10% 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) 5-10%
  - 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 9 kV/mm

**ASTM F104 Line Call Out**

- F712100B5E22K6M5

**Leachable Chloride Content**

- FSA Method (Typical) n/a

**Density**

- ASTM F1315 106 lb/ft³ (1.7 g/cc)

**Color**

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

**Liquids**

**Gases & Steam**