General Application Gasketing

KLINGERSIL® C-4300

- Synthetic Fiber
- Nitrile Binder
- Good Sealability
- Good Chemical Resistance
- General Purpose Sheet

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

See graphs for temperature & pressure limits

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creep Relaxation</td>
<td>ASTM F38B</td>
<td>25%</td>
</tr>
<tr>
<td>Sealability</td>
<td>ASTM F37A</td>
<td>&lt;0.25 ml/hr</td>
</tr>
<tr>
<td>Gas Permeability</td>
<td>DIN 3535/6</td>
<td>&lt;0.5 ml/min</td>
</tr>
<tr>
<td>Compressibility</td>
<td>ASTM F36J</td>
<td>10%</td>
</tr>
<tr>
<td>Recovery</td>
<td>ASTM F36J</td>
<td>50% minimum</td>
</tr>
</tbody>
</table>

Klinger Hot Compression Test

- Thickness Decrease 73°F (23°C) 10% initial
- Thickness Decrease 572°F (300°C) 25% additional

Weight Increase

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

Thickener Increase

- ASTM F146 after immersion in
  - ASTM Oil 1, 5h/300°F (149°C) 0-5%
  - ASTM Oil IRM903, 5h/300°F (149°C) 0-5%
  - 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

- F712111B4E12K6M4

Leachable Chloride Content

- FSA Method (Typical) 200 ppm

Density

- ASTM F1315 100 lb/ft³ (1.6 g/cc)

Color (Top/Bottom)

- White or Black
**Pressure & Temperature Graphs**

Material Thickness: 1/16”

**Liquids**

![Pressure & Temperature Graph](image1)

**Gases & Steam**

![Pressure & Temperature Graph](image2)