General Application Gasketing
KLINGERSIL® C-4401

- Synthetic Fiber
- Nitrile Binder
- Excellent Sealability
- Excellent Chemical Resistance
- Good Creep Relaxation
- 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 (1/32”)</td>
<td>20%</td>
</tr>
<tr>
<td>Sealability</td>
<td>ASTM F37A (1/32”)</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>7%</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) 10.5% initial
Thickness Decrease 572°F (300°C) 17% additional

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

Thickness Increase
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) 0-7%

Dielectric Strength
ASTM D149-95a 14 kV/mm

ASTM F104 Line Call Out
F712121B3E12K6M5

Leachable Chloride Content
FSA Method (Typical) 100 ppm

Density
ASTM F1315 112 lb/ft³ (1.8 g/cc)
Color (Top/Bottom)  Green

Pressure & Temperature Graphs

Material Thickness: 1/16"

Liquids

![Liquids Graph]

Gases & Steam

![Gases & Steam Graph]

For additional information, call Beacon Gasket & Seals Co. at 216-539-5000 or email sales@beacongasket.com.