Compressed Inorganic Fiber Sheet

**KLINGERSIL® C-4433**

- Fiberglass, Aramid & Inorganic Fibers
- Nitrile Binder
- Ultimate Steam Sheet
- Outstanding Load Bearing
- Excellent Creep Relaxation
- Best 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&quot;)</td>
<td>20%</td>
</tr>
<tr>
<td>Sealability</td>
<td>ASTM F37A (1/32&quot;)</td>
<td>&lt;0.5 ml/hr</td>
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<tr>
<td>Gas Permeability</td>
<td>DIN 3535/6</td>
<td>&lt;0.2 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>60% minimum</td>
</tr>
</tbody>
</table>

**Klinger Hot Compression Test**

- Thickness Decrease 73°F (23°C): 7% initial
- Thickness Decrease 572°F (300°C): 8% additional

**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): 0-4%
  - 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: 21 kV/mm

**ASTM F104 Line Call Out**

- F712132B3E12K6M5

**Leachable Chloride Content**

- FSA Method (Typical): 150 ppm

**Density**

- ASTM F1315: 112 lb/ft³ (1.8 g/cc)

**Color**

- (Top/Bottom): Red
Pressure & Temperature Graphs
Material Thickness: 1/16"

Liquids

Gases & Steam