

## Metal Reinforced Gasketing

### KLINGERSIL® C-4409

- Synthetic Fiber
- Nitrile Binder
- High Temperature & Stress
- Excellent in Hot Gases
- Replaces Spiral Wounds
- Vibration
- Galvanized Low Carbon Steel Insert

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

See graphs for temperature & pressure limits



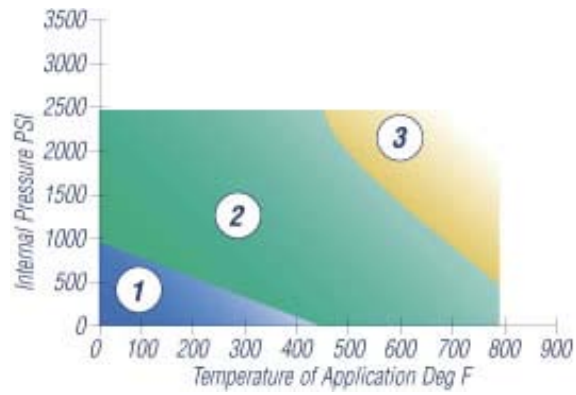
**Thermoseal Inc.**  
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 info@thermosealinc.com

|  |                                   |
|--|-----------------------------------|
| <b>Creep Relaxation</b> ASTM F38B (1/32")                    | 20%                               |
| <b>Compressibility</b> ASTM F36J                             | 7%                                |
| <b>Recovery</b> ASTM F36J                                    | 50% minimum                       |
| <b>Klinger Hot Compression Test</b>                          |                                   |
| Thickness Decrease 73°F (23°C)                               | 10% initial                       |
| Thickness Decrease 572°F (300°C)                             | 10% additional                    |
| <b>Weight Increase</b>                                       |                                   |
| ASTM F146 after immersion in Fuel B<br>5h/73°F (23°C)        | 10% maximum                       |
| <b>Thickness Increase</b>                                    |                                   |
| ASTM F146 after immersion in<br>ASTM Oil 1, 5h/300°F (149°C) | 0-5%                              |
| ASTM Oil IRM903, 5h/300°F (149°C)                            | 0-3%                              |
| ASTM Fuel A, 5h/73°F (23°C)                                  | 0-5%                              |
| ASTM Fuel B, 5h/73°F (23°C)                                  | 0-5%                              |
| <b>Dielectric Strength</b>                                   |                                   |
| ASTM D149-95a  | n/a                               |
| <b>ASTM F104 Line Call Out</b>                               | F712112B3E11M8                    |
| <b>Leachable Chloride Content</b>                            |                                   |
| FSA Method (Typical)   | n/a                               |
| <b>Density</b> ASTM F1315                                    | 125 lb/ft <sup>3</sup> (2.0 g/cc) |
| <b>Color</b> (Top/Bottom)                                    | Green                             |

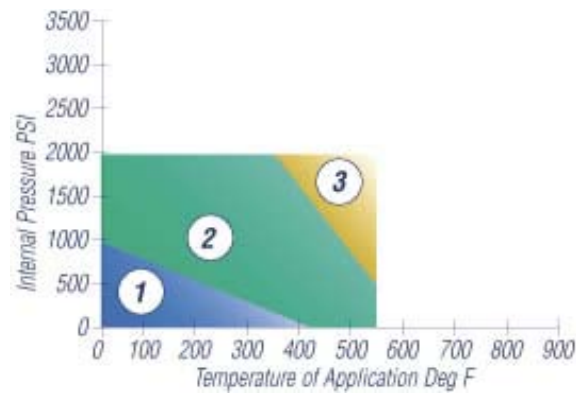
**Pressure & Temperature Graphs** ([Click here to learn more about graphs](#))

Material Thickness: 1/16"

**Liquids**



**Gases & Steam**



For Additional Information Call Toll Free 1.800.990.7325 or email [info@thermosealinc.com](mailto:info@thermosealinc.com).