

KLINGERSIL C-4439

- Fiberglass, Aramid & Inorganic Fibers
- Nitrile Binder
- High Temperature & Stress
- Vibration
- Galvanized Low Carbon Steel Insert

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

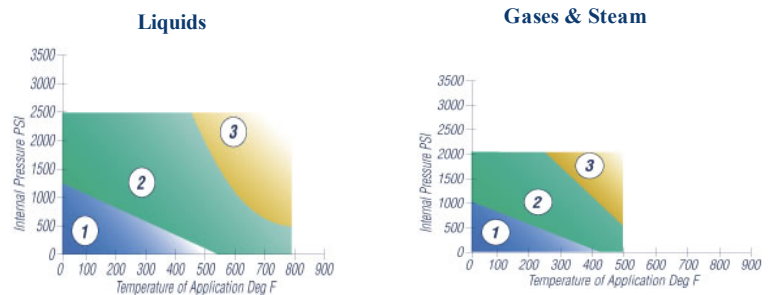
See graphs for temperature & pressure limits



Creep Relaxation ASTM F38B (1/32")	20%
Compressibility ASTM F36J	7%
Recovery ASTM F36J	50% minimum
Klinger Hot Compression Test Thickness Decrease 73°F (23°C) Thickness Decrease 572°F (300°C)	8% initial 4% additional
Weight Increase ASTM F146 after immersion in Fuel B 5h/73°F (23°C)	9% maximum
Thickness Increase ASTM F146 after immersion in ASTM Oil 1, 5h/300°F (149°C) ASTM Oil IRM903, 5h/300°F (149°C) ASTM Fuel A, 5h/73°F (23°C) ASTM Fuel B, 5h/73°F (23°C)	0-5% 0-5% 0-5% 5-10%
Dielectric Strength ASTM D149-95a	10 kV/mm
ASTM F104 Line Call Out	F712112B3E12K6M8
Leachable Chloride Content FSA Method (Typical)	150 ppm
Density ASTM F1315	131 lb/ft ³ (2.1 g/cc)
Color (Top/Bottom)	Red

Pressure & Temperature Graphs

Material Thickness: 1/16"



The pressure/temperature graphs shown are the most current method of determining the suitability of a gasket material in a known environment. Use the pressure and temperature graphs to select the most suitable material for your application.

1. In area one, the gasket material is suitable using common installation practices subject to chemical compatibility.
2. In area two, appropriate measures are necessary for installation of the gasket to ensure maximum performance. Please call or refer to the KLINGER® expert software system for assistance.
3. In area three, do not install gaskets in these applications without first referring to the KLINGER® expert software system or contacting Thermoseal Inc.'s technical support service

These graphs were developed from testing Klinger materials. Do not use them for competitors' materials since non-asbestos gasketing materials do not have service equivalents.



Seal & Design
 Corporate Headquarters
 Ph: (716)-759-3344
 Info@SealAndDesign.com
 www.SealAndDesign.com