


Thermoseal®
A Passion for Quality

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



Creep Relaxation ASTM F38B (1/32")

20%

Sealability ASTM F37A (1/32")

<0.5 ml/hr

Gas Permeability DIN 3535/6

<0.2 ml/min

Compressibility ASTM F36J

7%

Recovery ASTM F36J

60% minimum

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)

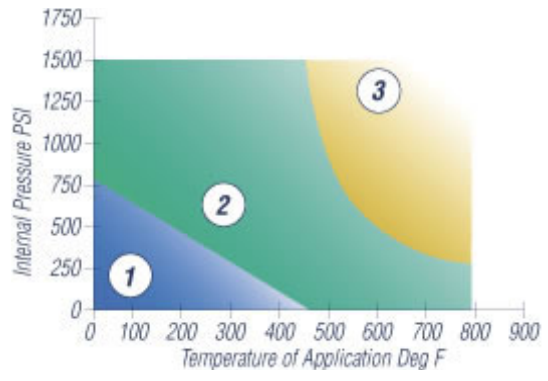
Color (Top/Bottom)

Red

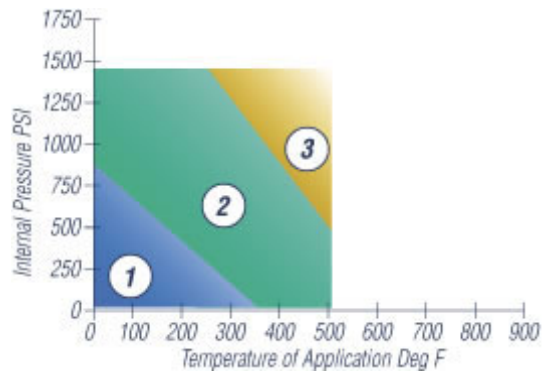
Pressure & Temperature Graphs ([Click here to learn more about graphs](#))

Material Thickness: 1/16"

Liquids



Gases & Steam



For Additional Information Call Toll Free 1.800.990.7325 or email info@thermosealinc.com.