


Thermoseal®
A Passion for Quality

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

Creep Relaxation ASTM F38B (1/32")

Sealability ASTM F37A (1/32")

Gas Permeability DIN 3535/6

Compressibility ASTM F36J

Recovery ASTM F36J

Klinger Hot Compression Test

Thickness Decrease 73°F (23°C)

Thickness Decrease 572°F (300°C)

Weight Increase

ASTM F146 after immersion in Fuel B
5h/73°F (23°C)

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)

Dielectric Strength

ASTM D149-95a

ASTM F104 Line Call Out

Leachable Chloride Content

FSA Method (Typical)

Density ASTM F1315

Color (Top/Bottom)

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

Material Thickness: 1/16"

Liquids



20%

<0.25 ml/hr

<0.5 ml/min

7%

50% minimum

10.5% initial

17% additional

10% maximum

0-5%

0-5%

0-5%

0-7%

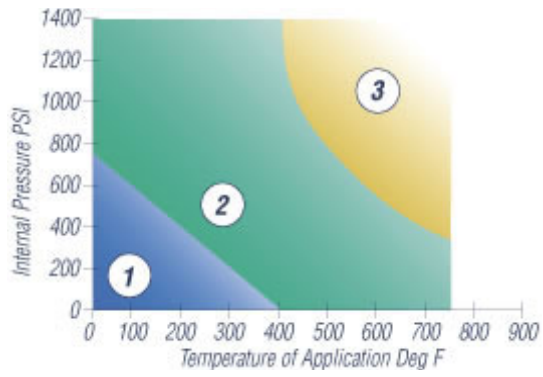
14 kV/mm

F712121B3E12K6M5

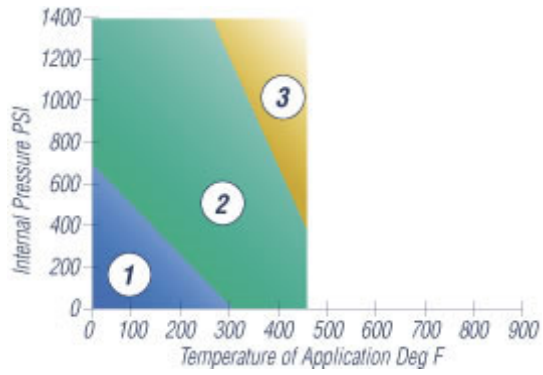
100 ppm

112 lb/ft³ (1.8 g/cc)

Green



Gases & Steam



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