


**Thermoseal®**
*A Passion for Quality*

## Neoprene

### KLINGERSIL® C-5400

- Synthetic Fiber
- Neoprene Binder
- Chemically Stable
- Good Anti-Stick Properties

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%

<0.20 ml/hr

<0.5 ml/min

8%

50% minimum

11% initial

21% additional

15% maximum

0-5%

5-20%

0-5%

0-10%

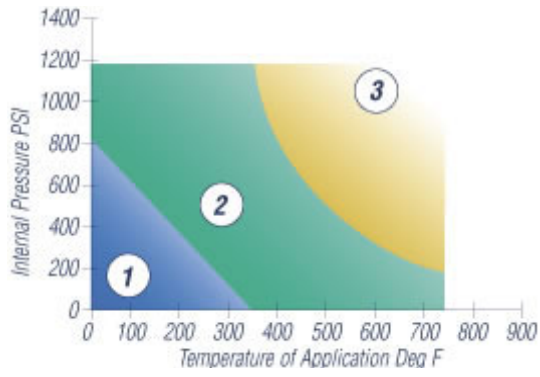
18 kV/mm

F712232B3E22K6M5

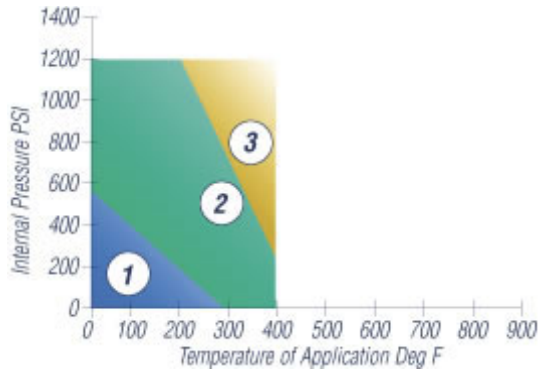
500 ppm

106 lb/ft<sup>3</sup> (1.7 g/cc)

White or Black



**Gases & Steam**



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