



A Passion for Quality

Compressed Inorganic Fiber

KLINGERSIL® C-4430

- Fiberglass and Aramid Fibers
- Nitrile Binder
- Excellent Steam Sheet
- 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

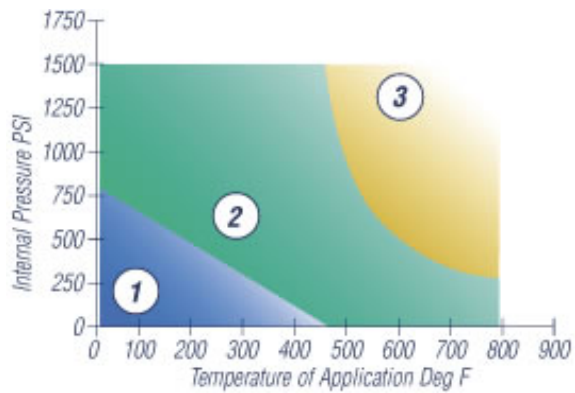


Creep Relaxation ASTM F38B (1/32")	20%
Sealability ASTM F37A (1/32")	<0.5 ml/hr
Gas Permeability DIN 3535/6	<0.5 ml/min
Compressibility ASTM F36J	9%
Recovery ASTM F36J	50% minimum
Klinger Hot Compression Test	
Thickness Decrease 73°F (23°C)	8% initial
Thickness Decrease 572°F (300°C)	11% additional
Weight 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)	0-3%
ASTM Fuel A, 5h/73°F (23°C)	0-5%
ASTM Fuel B, 5h/73°F (23°C)	0-5%
Dielectric Strength	
ASTM D149-95a	16 kV/mm
ASTM F104 Line Call Out	F712132B3E11K6M5
Leachable Chloride Content	
FSA Method (Typical)	150 ppm
Density ASTM F1315	96 lb/ft ³ (1.55 g/cc)
Color (Top/Bottom)	White/Green

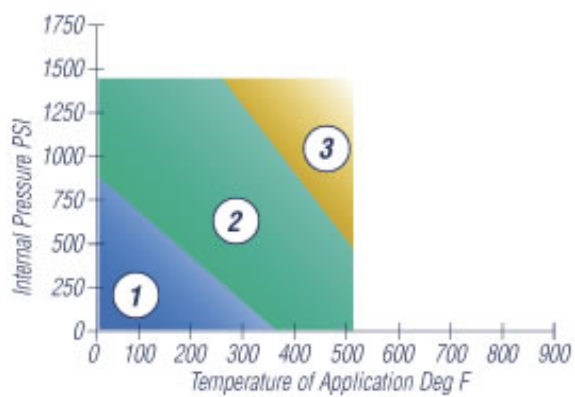
Pressure & Temperature Graphs ([Click here to learn more about graphs](#))

Material Thickness: 1/16"

Liquids



Gases & Steam



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