



Thermoseal®

A Passion for Quality

General Application Gasketing

KLINGERSIL® C-4201

- Synthetic Fiber
- Nitrile Binder
- Excellent Resistance to Oil & Solvents
- Good Anti-Stick Properties
- Excellent OEM Material

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



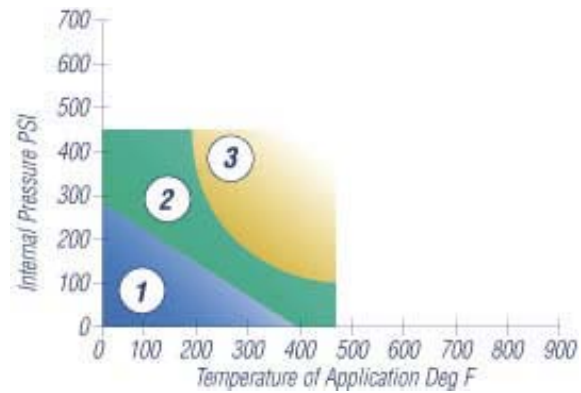
See graphs for temperature & pressure limits

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	7%
Recovery ASTM F36J	50% minimum
Klinger Hot Compression Test	
Thickness Decrease 73°F (23°C)	11% initial
Thickness Decrease 572°F (300°C)	19.5% 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)	0-5%
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	14 kV/mm
ASTM F104 Line Call Out	F712121B3E11K6M5
Leachable Chloride Content	
FSA Method (Typical)	200 ppm
Density ASTM F1315	119 lb/ft ³ (1.9 g/cc)
Color (Top/Bottom)	White or Black

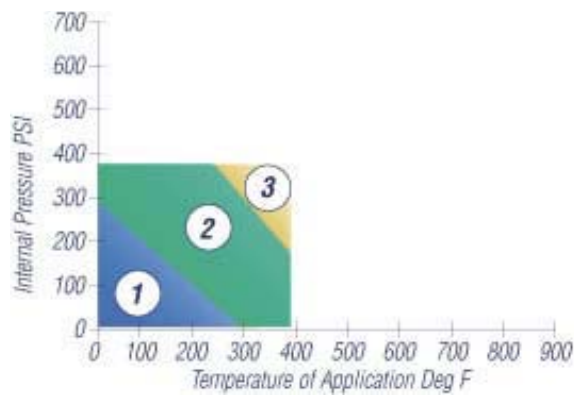
Pressure & Temperature Graphs

Material Thickness: 1/16"

Liquids



Gases & Steam



Corporate Headquarters
4015 Casilio Parkway • Clarence, NY 14031
Ph: 716.759.2222 • Fx: 716.759.6425
<http://www.SealandDesign.com>



Division of SEAL & DESIGN INC.

Canadian Division
5511 Steeles Ave. West • Unit 5 • Weston, Ontario M9L 1S7
Ph: 416.741.0750 • Fx: 416.741.0230
<http://www.AbleORings.com>