



Thermoseal®

A Passion for Quality

Chemical Resistant Gasketing

KLINGERSIL® C-8200

- Synthetic Fiber
- Hypalon® Binder
- Acid Resistant
- Good Oil-Fuel Resistance
- Good Gas Sealability
- No Color Added



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

See graphs for temperature & pressure limits

| | |
|---|---|
| Creep Relaxation ASTM F38B (1/32") | 30% |
| Sealability ASTM F37A (1/32") | <0.30 ml/hr |
| Gas Permeability DIN 3535/6 | <0.5 ml/min |
| Compressibility ASTM F36J | 9% |
| Recovery ASTM F36J | 50% minimum |
| Klinger Hot Compression Test | (tested at 3,625-psi gasket stress, and to 392°F [200°C]) |
| Thickness Decrease 73°F (23°C) | 7% initial |
| Thickness Decrease 572°F (300°C) | 17% 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) | 5-10% |
| ASTM Fuel A, 5h/73°F (23°C) | 0-5% |
| ASTM Fuel B, 5h/73°F (23°C) | 0-10% |
| Dielectric Strength | |
| ASTM D149-95a | 9 kV/mm |
| ASTM F104 Line Call Out | F712100B5E22K6M5 |
| Leachable Chloride Content | |
| FSA Method (Typical) | n/a |
| Density ASTM F1315 | 106 lb/ft ³ (1.7 g/cc) |
| Color (Top/Bottom) | Off White |



Corporate Headquarters
 4015 Casilio Parkway
 Clarence, New York 14031
 Ph: 716-759-2222 • Fax 716-759-6425

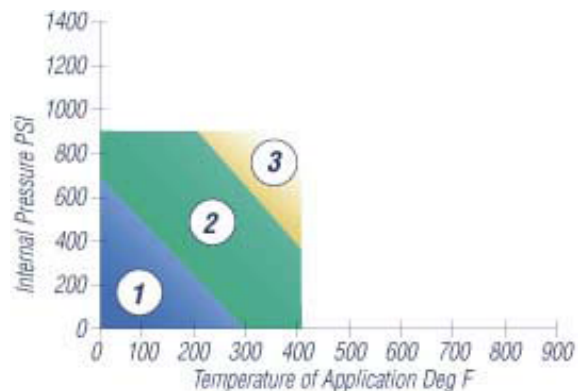


Canadian Division
 5511 Steeles Ave West • Unit 5
 North York, Ontario M9L 1S7
 Ph: 416-741-0750 • Fax: 416-741-0230

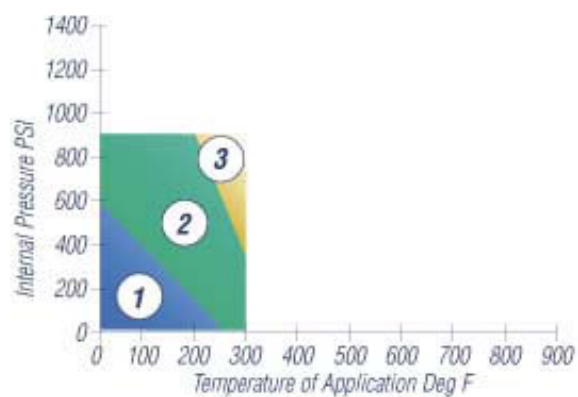
Pressure & Temperature Graphs

Material Thickness: 1/16"

Liquids



Gases & Steam



Corporate Headquarters
4015 Casilio Parkway
Clarence, New York 14031
Ph: 716-759-2222 • Fax 716-759-6425



Canadian Division
5511 Steeles Ave West • Unit 5
North York, Ontario M9L 1S7
Ph: 416-741-0750 • Fax: 416-741-0230