



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.

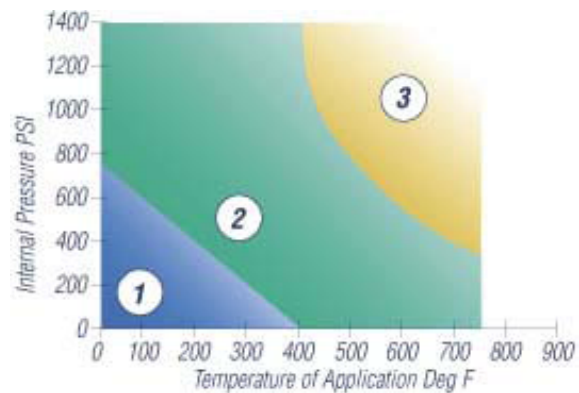
See graphs for temperature & pressure limits

Creep Relaxation ASTM F38B (1/32")	20%
Sealability ASTM F37A (1/32")	<0.25 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)	10.5% 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)	0-5%
ASTM Fuel A, 5h/73°F (23°C)	0-5%
ASTM Fuel B, 5h/73°F (23°C)	0-7%
Dielectric Strength	
ASTM D149-95a	14 kV/mm
ASTM F104 Line Call Out	F712121B3E12K6M5
Leachable Chloride Content	
FSA Method (Typical)	100 ppm
Density ASTM F1315	112 lb/ft ³ (1.8 g/cc)
Color (Top/Bottom)	Green

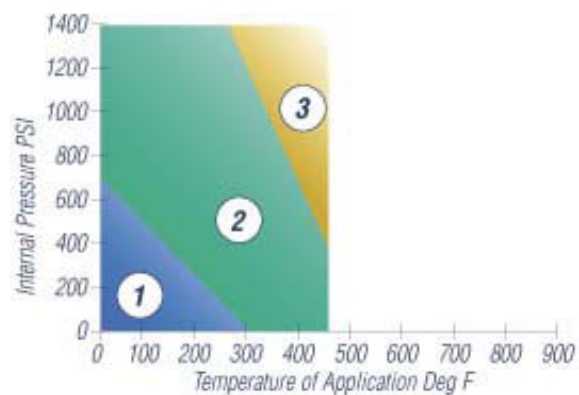
Pressure & Temperature Graphs

Material Thickness: 1/16"

Liquids



Gases & Steam



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