

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

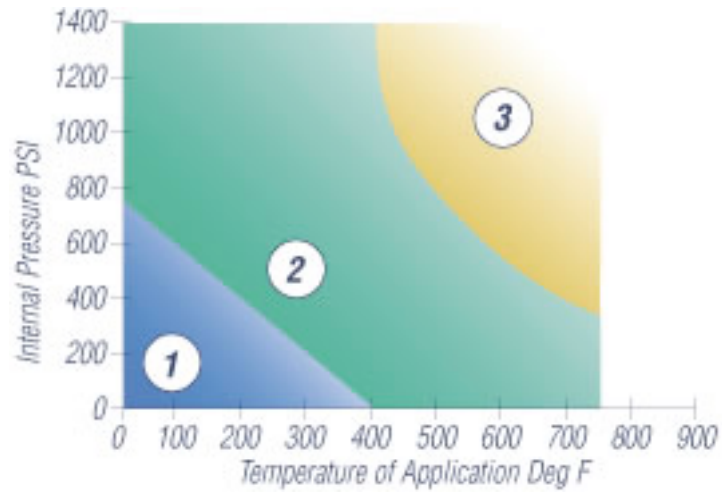


Creep Relaxation ASTM F38B (1/32")	20%
Sealability ASTM F37A (1/32")	<0.25 ml/hr
Gas Permeability DIN 3535/6	<0.5 ml/min
Compressibility ASTM F36J	7%
Recovery ASTM F36J	50% minimum
Klinger Hot Compression Test	
Thickness Decrease 73°F (23°C)	10.5% initial
Thickness Decrease 572°F (300°C)	17% additional
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)

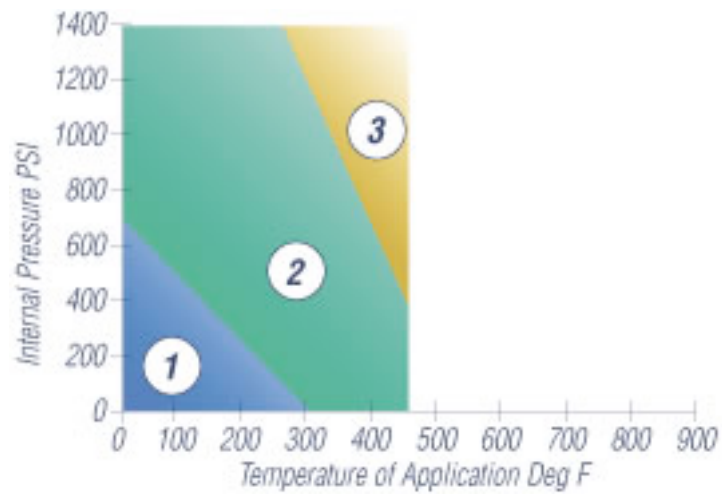
Pressure & Temperature Graphs

Material Thickness: 1/16"

Liquids



Gases & Steam



For additional information, call Beacon Gasket & Seals Co. at 216-539-5000 or email sales@beacongasket.com.