

Neoprene and SBR Binder Gasketing

Distinguishing Characteristics & Applications

See graphs for temperature and pressure limits. Typical values refer to 1/16" material unless otherwise specified.

See pages 16 and 17 for test procedures

Creep Relaxation ASTM F38B (1/32")

Sealability ASTM F37A (1/32")

Gas Permeability DIN 3535/6

Compressibility ASTM F36J

Recovery ASTM F36J

Klinger Hot Compression Test

Thickness Decrease 73°F (23°C)

Thickness Decrease 572°F (300°C)

Weight Increase

ASTM F146 after immersion in Fuel B

5h/73°F (23°C)

Thickness Increase

ASTM F146 after immersion in:

ASTM Oil 1, 5h/300°F (149°C)

ASTM Oil IRM # 903, 5h/300°F (149°C)

ASTM Fuel A, 5h/73°F (23°C)

ASTM Fuel B, 5h/73°F (23°C)

Dielectric Strength ASTM D149-95a

Leachable Chloride Content

F.S.A. Method (Typical)

Density

Color (Top/Bottom)

ASTM F104 Line Call Out

Pressure and Temperature Graphs

Material Thickness: 1/16"

Liquids

Gases and Steam

KLINGERSIL® C-5400

- Synthetic Fiber
- Neoprene Binder
- Chemically Stable
- Good Anti-Stick Properties

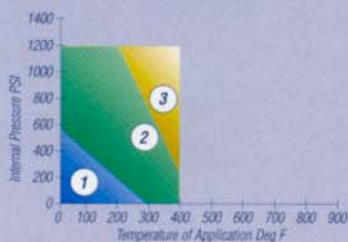
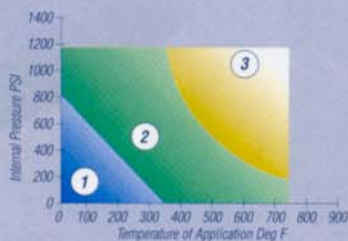
20%
< 0.20 ml/hr
< 0.5 ml/min
8%
50% Minimum

11% Initial
21% Additional

15% Maximum

0-5%
5-20%
0-5%
0-10%
18 kV/mm

500 ppm
106 lb/ft³ (1.7 g/cc)
White or Black
F712232B3E22K6M5



KLINGERSIL® C-6327

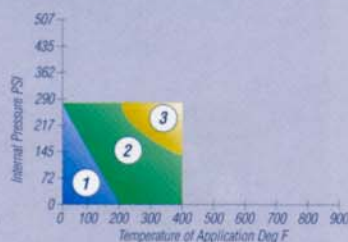
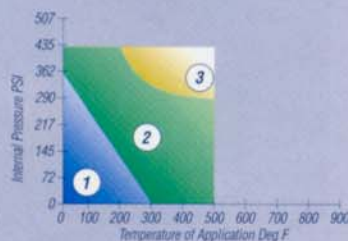
- Synthetic Fiber
- Modified SBR Binder
- Controlled Swell
- Use for Low Temperatures & Low Pressures
- Good with Low Bolt Loads

35%
< 0.20 ml/hr
< 0.5 ml/min
15%
40% Minimum
(tested to 392°F [200°C])
16% Initial
25% Additional

35% Maximum

0-10%
30-40%
0-15%
20-35%
13 kV/mm

150 ppm
100 lb/ft³ (1.6 g/cc)
White
F714532B6E56K6M4



KLINGERSIL® C-6400

- Synthetic Fiber
- SBR Binder
- Good Anti-Stick Properties
- Good Steam Sheet

20%
< 0.20 ml/hr
< 0.3 ml/min
8%
50% Minimum

12% Initial
11% Additional

25% Maximum

0-10%
10-25%
0-5%
0-10%
16 kV/mm

200 ppm
112 lb/ft³ (1.8 g/cc)
White or Black
F71341B3E42K6M5

