



KLINGERSil C-4408

High quality non-asbestos grade based on aramid fibre with nitrile rubber binder and steel wire mesh reinforcement. A general purpose material for many industrial-sealing applications.

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service

General Properties

- Good resistance to oils, fuels, hydrocarbons
- Good creep resistance
- Very successful in internal combustion engine applications
- Graphite anti-stick finish on both sides

Tests and Certifications

- BS 7531 Grade Y (without reinforcement)

Availability

- Sheetting (m): 2.0 x 1.5*, 4.0 x 1.5, 1.5 x 1.0
- Thickness (mm): 0.75, 1.0, 1.5

* - Denotes standard sheet size

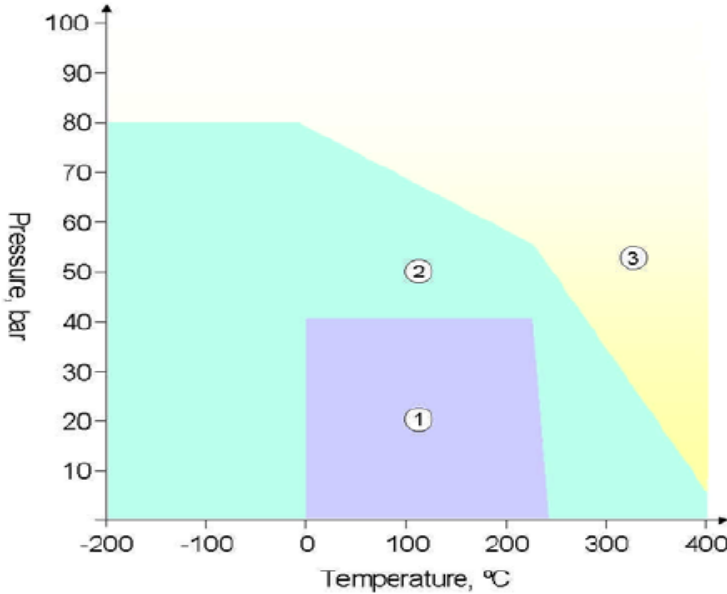
Other Grades Available:

KLINGERSil C-4400, without reinforcement
 KLINGERSil C-4409, mild steel reinforcement
 KLINGERSil C-4409-L, with stainless steel reinforcement





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Application Guidelines

1. Usually satisfactory without reference.
2. Usually satisfactory, but suggest you refer to Klinger for advice
3. Caution: May be suitable but essential that you refer to Klinger for advice.

Chemical compatibility must be considered in all cases.

Typical Specifications

Compressibility ASTM F 36 A		8%
Recovery ASTM F 36 A		50%
Stress relaxation DIN 52913	50MPa, 16h/300°C	28MPa
Klinger cold/hot compression 50MPa	Thickness decrease 23°C decrease at 300°C	10% 22%
Gas leakage according to DIN 3535/6 Chlorides (soluble)		2.5ml/min 150ppm
Thickness increase after fluid Immersion ASTM F 146	Oil no.3:5h/150°C Fuel B:5h/23°C	5% 5%
Density		1.9g/cm ³

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