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KLINGERsil C-4324

An economic grade based on a mixture of aramid and glass fibres with a nitrile rubber binder. Suitable for general industrial service including oils, hydrocarbons, low pressure steam and water.

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

- Economical
- Good resistance to oils, fuels, hydrocarbons, steam etc
- Excellent resistance to gas leakage
- Meets non-asbestos standard 8S7531 Grade Y
- Anti-stick finish on both sides

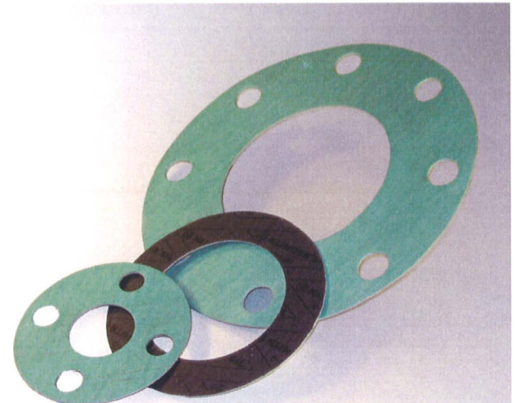
Tests and Certifications

- BS 7531 Grade Y
- DIN-DVGW
- SVGW95-043-7
- KTW C 027/95/st
- WRc Approved
- Germanischer Lloyd 98951-97 HH

Availability

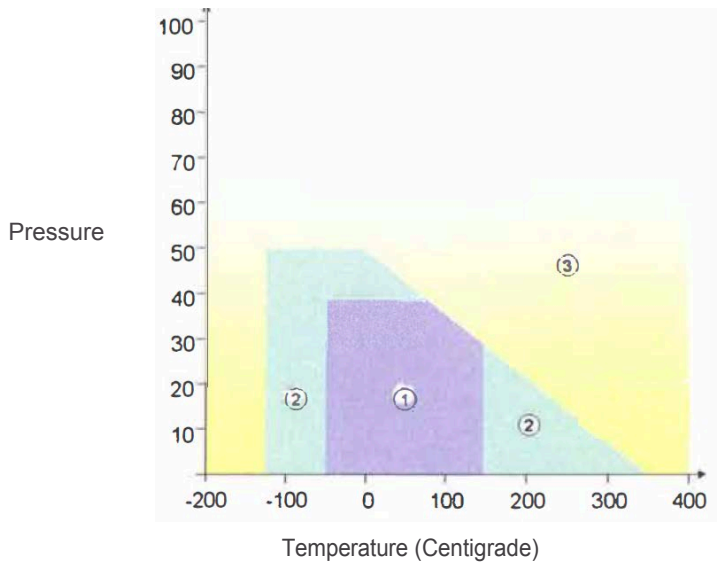
- Sheeting (m): 2.0 x 1.5*, 4.0 x 1.5, 1.5 x 1.0
- Thickness (mm): 0.4, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

* - Denotes standard sheet size





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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		10%
Recovery ASTM F 36 A		55%
Stress relaxation DIN 52913	50MPa, 16h/300°C	20MPa
Stress relaxation BS 7531		23MPa
Klinger cold/hot compression (50MPa)	Thickness decrease 23°C decrease at 300°C	11% 26%
Gas leakage according to DIN 3535/6		<0.1ml/min
Chlorides (soluble)		150ppm
Thickness increase after fluid	Oil nr. 3:5h/150°C	0-10%
Immersion ASTM F 146	Fuel B:5h/23°C	0-10%
Density		1.85g/cm ³