



## 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 BS7531 Grade Y
- Anti-stick finish on both sides

### Tests and Certifications

- BS 7531 Grade Y
- DIN-DVGW
- SVGW 95-043-7
- 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

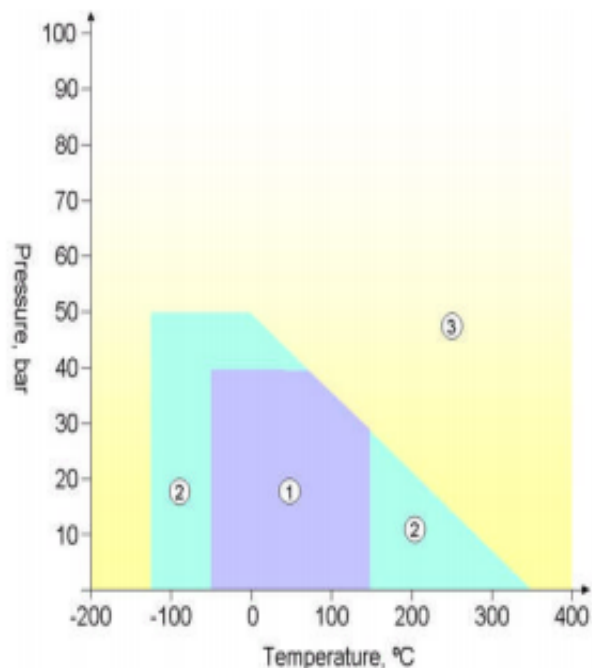
\* - Denotes standard sheet size



BS EN 9100:2003, ISO 9001:2008  
Certificate no: FM 10571



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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 <sup>3</sup>