



**WILLIAM JOHNSTON**  
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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 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

- Sheetting (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

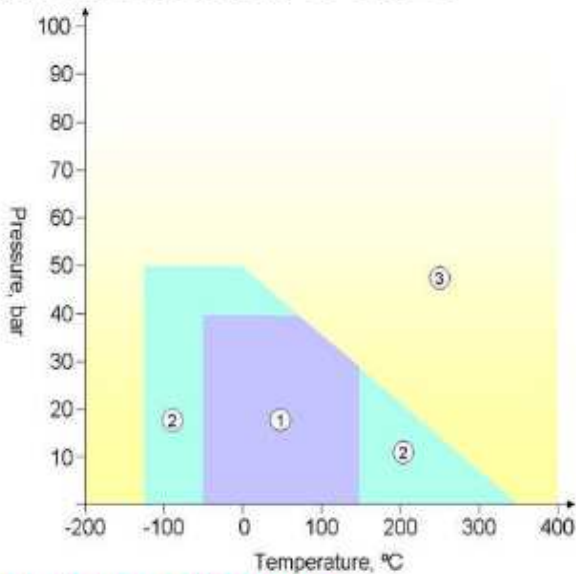


aerospace  
sector  
certification  
scheme

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



# KLINGERSil C-4324



## 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%

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### Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.