



# 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-DGVW 95.01e052
- SVGW 95-043-7
- KTW C 027/95/st
- WRc Approved
- Germanischer Lloyd 98951-97 HH

#### Availability

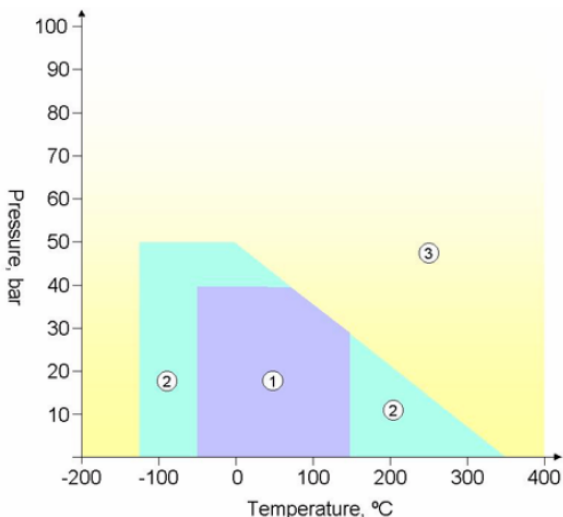
- Sheetting (m): 2.0 x 1.5\*, 4.0 x 1.5, 1.5 x 1.0
- Thickness (mm): 0.4, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

\* - Denotes standard sheet size





# 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<br>decrease at 300°C | 11%<br>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> |

All information and recommendations contained in this specification sheet are to the best of our knowledge correct. Since conditions of use are beyond our control, users must satisfy themselves that the products are suitable for the intended processes and uses. No warranty is given or implied in respect of information or recommendations or that any use of products will not infringe rights belonging to other parties. In any event or occurrence our liability is limited to our invoice value of the goods delivered by us to you. We reserve the right to change product design and properties without notice

