



## KLINGERSil C4324



Klingersil C4324 is an economic grade based on a mixture of aramid and glass fibres with a nitrile rubber binder.

### Key Features:

- Economical
- Good resistance to oils, fuels, hydrocarbons and steam
- Excellent resistance to gas leakage
- Anti stick finish on both sides

Max temperature: +350°C.

Max pressure: 50 bar.

### Applications:

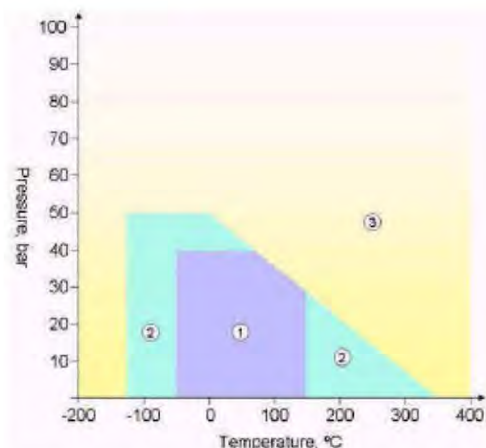
Suitable for oils, hydrocarbons, low-pressure steam and water. Excellent resistance to gas leakage.

### Availability:

|                    |                                  |
|--------------------|----------------------------------|
| Sheet size (mtrs): | 2.0 x 1.5*, 4.0 x 1.5, 1.5 x 1.0 |
| Thickness (mm)     | 0.4, 0.5, 0.75, 1, 1.5, 2, 3     |

\*Denotes standard size

### Application Guidelines:



1. Usually satisfactory without reference.

2. Usually satisfactory but suggest you refer to PAR for advice.

3. Caution, definitely refer to PAR and consider another grade of material

\*Chemical compatibility must be considered in all cases\*

**Tests and Certifications:**

- BS7531 Grade Y
- DIN-DVGW 95.01e052
- SVGW 95-043-07
- KTW C 027/95/st
- WRc Approved

**Technical Information:**

|   |                          |                       |
|---|--------------------------|-----------------------|
| Compressibility ASTM F36A                           | *                        | 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  | 11%                   |
|   | Thickness decrease 300°C | 26%                   |
| Gas leakage DIN 3535/6                              | *                        | <0.1ml/min            |
| Chlorides (soluble)                                 | *                        | 150ppm                |
| Thickness increase after fluid immersion ASTM F 146 | Oil nr.3:5h/ 150°C       | 0-10%                 |
|   | Fuel B:5h/23°C           | 0-10%                 |
| Density   | *                        | 1.5 g/cm <sup>3</sup> |
| Max Temperature                                     | *                        | 350°C                 |
| Max Pressure  | *                        | 50 bar                |