



KLINGERtop-graph-2000

A combination of expanded graphite and synthetic fibres to give a revolutionary sealing material with outstanding flexibility and excellent stability in steam.

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

- Good resistance to steam
- Resistant to oils, fuels, hydrocarbons etc.
- Easy to handle and cut
- Good leakage properties
- 3xA anti-stick finish on both sides

Tests and Certifications

- BAM Approval for use with oxygen 130 bar/200^oC
- KTW Approval C303/95/st
- DIN DVGW NG-5123AU0381

Availability

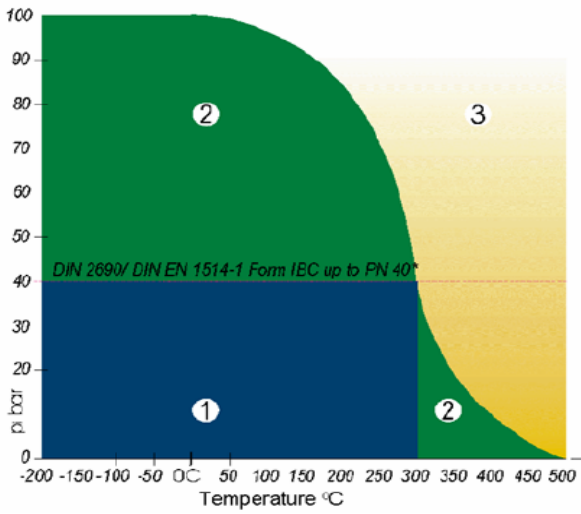
- Sheetting (m): 2.0 x 1.5*, 1.5 x 1.0
- Thickness (mm): 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

* - Denotes standard sheet size





KLINGER^{top}-graph-2000



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		60%
Stress relaxation DIN 52913	50MPa, 16h/300 ^o C	32MPa
Klinger cold/hot compression (50 MPa)	Thickness decrease 23 ^o C	10%
	decrease at 300 ^o C	10%
Gas leakage according to DIN 3535/6		<0.5ml/min
Chlorides (soluble)		0 ppm
Thickness increase after fluid Immersion ASTM F 146	Oil nr.3:5h/150 ^o C	5%
	Fuel B:5h/23 ^o C	7%
	Water: 5h/110 ^o C	5%
Density		1.75g/cm ³

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

