





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

- » Meets the technical requirements of BS 7531 Grade AX
- » BAM-tested
- » DIN-DVGW
- » DNV GL
- » TA-Luft (Clean air)

AVAILABILITY

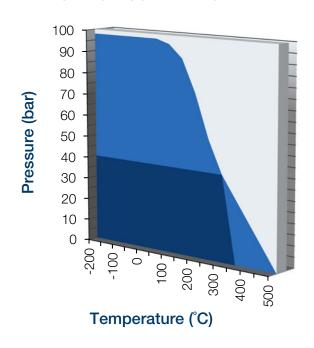
» Sheeting (m): 2.0 x 1.5

» Thickness (mm): 0.5, 0.75, 1.0, 1.5, 2.0, 3.0



KLINGER TOP-GRAPH-2000

APPLICATION GUIDELINES



- Caution: May be suitable but essential that you refer to Klinger for advice
- Usually Satisfactory, but suggest you refer to Klinger for advice
- Usually Satisfactory to Use Without Reference

NOTE: Chemical compatibility must be considered in all cases.

TYPICAL SPECIFICATIONS

(Typical values for 2.0mm thick material)

PROPERTIES	CONDITIONS	VALUES
Compressibility ASTM F36J		10%
Recovery ASTM F36J		60%
Stress Relaxation DIN 52913	50MPa, 16h/300°C	32MPa
Klinger cold /hot compression (50 MPa)	Thickness decrease 23 °C	10%
	Thickness decrease at 300 °C	10%
Tightness	DIN 28090-2	0.05 mg/s.m
Thickness increase after fluid immersion ASTM F146	Oil IRM 903	5%
	Fuel B:5h/23 °C	7%
	Water: 5h/110 °C	5%
Density		1.75 g/cm ³

HEAD OFFICE

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9001 Quality Management

FM 10571

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14001 Management

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