



KLINGER TOP- 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

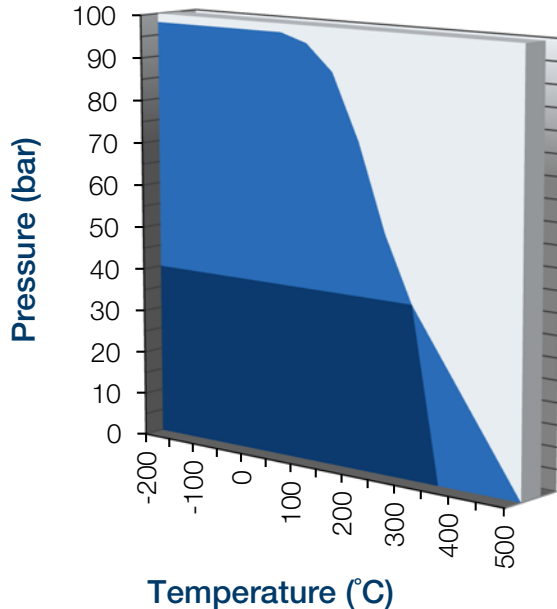
- » Meets the technical requirements of BS 7531 Grade AX
- » BAM-tested
- » DIN-DVGW
- » DNV GL
- » TA-Luft (Clean air)

AVAILABILITY

- » Sheeting (m): 2.0 x 1.5
- » Thickness (mm): 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

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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

KLINGER Ltd
Wharfedale Road
Euroway Trading Estate
Bradford BD4 6SG

Tel: 01274 688 222
Fax: 01274 688 549
www.klinger.co.uk
enquiries@klingeruk.co.uk



FM 602916 FM 10571 OHS 570166 EMS 570165

KLINGER RUNCORN

Tel: 01928 577 030
Fax: 01928 575 233

KLINGER SOUTHAMPTON

Tel: 02380 611 855
Fax: 02380 610 360

KLINGER ABERDEEN

Tel: 01224 772 962
Fax: 01224 772 953

KLINGER IMMINGHAM

Tel: 01469 575 289
Fax: 08449 676 779

KLINGER MIDDLESBROUGH

Tel: 01642 220 289
Fax: 01642 220 290

KLINGER GRANGEMOUTH

Tel: 01324 472 231
Fax: 01324 482 111