



KLINGER SOFT-CHEM



100% expanded PTFE manufactured to produce a soft, highly compressible gasket material with excellent chemical resistance and good creep properties

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

- » Excellent chemical resistance
- » High compressibility
- » Good creep resistance
- » Suitable for glass-lined and enamel flanges
- » Seals worn or damaged flanges
- » Low bolt load requirement
- » Easy to handle and cut
- » Suitable for food and pharmaceutical applications

TESTS AND CERTIFICATIONS

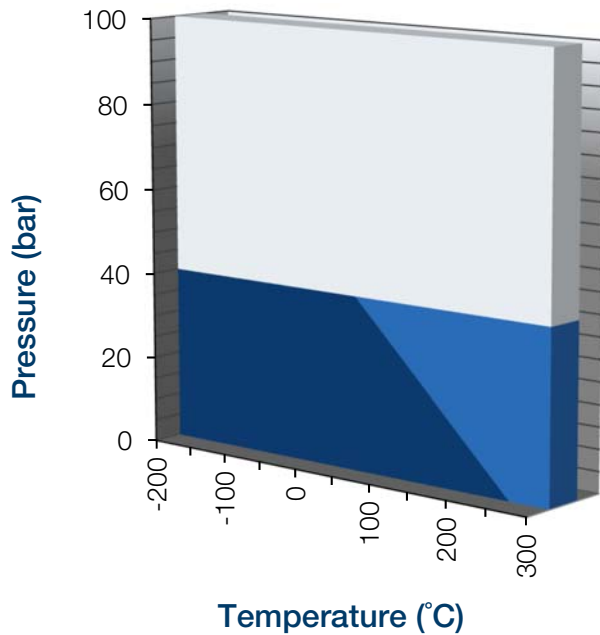
- » FDA Conformity

AVAILABILITY

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

APPLICATION GUIDELINES

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- 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 thickness material)

PROPERTIES	CONDITIONS	VALUES
Compressibility ASTM F 36 M		50-60%
Recovery ASTM F 36 M		13-17%
Stress relaxation DIN 52913	30MPa, 16h/150°C	15MPa
Klinger cold/hot compression (30MPa)	Thickness decrease at 23°C	35%
	Thickness decrease at 150°C	30%
Tightness	DIN 28090-2	0.001mg/s.m
Density		0.9g/cm ³

HEAD OFFICE

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KLINGER RUNCORN

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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
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KLINGER GRANGEMOUTH

Tel: 01324 472 231
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