



KLINGERtop-chem-2006

Modified PTFE material with excellent chemical resistance and good mechanical properties. Suitable for a wide range of applications in the chemical, pharmaceutical and food industries including strong alkaline conditions

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

- Economical alternative to KLINGERtop-chem-2000
- Ideal for strongly alkaline environments
- Good mechanical properties at low to medium temperatures
- Ideal for food and pharmaceutical applications

Tests and Certifications

- DIN DVGW NG – 5125AT0419
- KTW Approval C315-A/00/st
- BAM Approval for use with oxygen 130 BAR / 200°C
- FDA Conformity

Availability

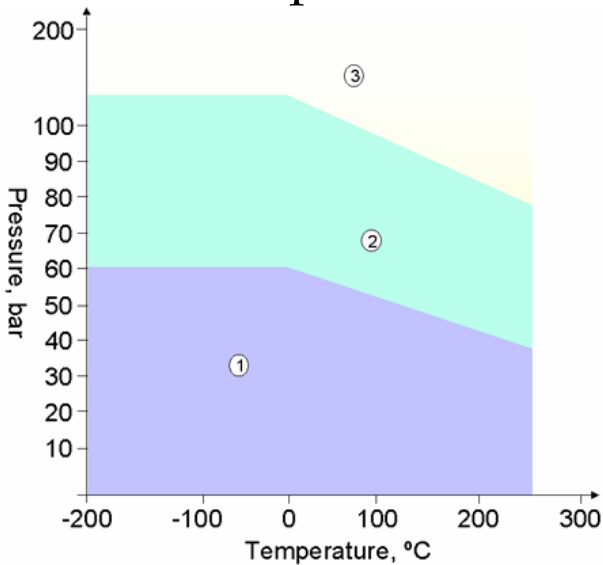
- Sheeting (m): 1.4 x 1.4 *
- Thickness (mm): 1.5, 2.0, 3.0

* Can be welded to form gaskets larger than sheet size



Certificate No. FM 10571

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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		4%
Recovery ASTM F 36 A		40%
Stress relaxation DIN 52913	30MPa, 16h/150°C	18MPa
Klinger cold/hot compression (50MPa)	Thickness decrease 23°C	10%
	decrease at 250°C	40%
Gas leakage according to DIN 3535/6		0.1ml/min
Gas leakage according to DIN 28090-2		0.1 mg / s.m
Thickness increase after fluid Immersion ASTM F 146	HNO ₃ 100%:18h/23°C	2%
	NaOH 33%, 72h/110°C	12%
Density		2.9g/cm ³

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