



# Klingerit 1000

**Top grade wire-reinforced material for extreme service. Recommended for use for high and fluctuating temperatures and pressures. Composed of styrene-butadiene binder with high-grade long-fibre chrysotile asbestos and a mild steel reinforcement..**

*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**

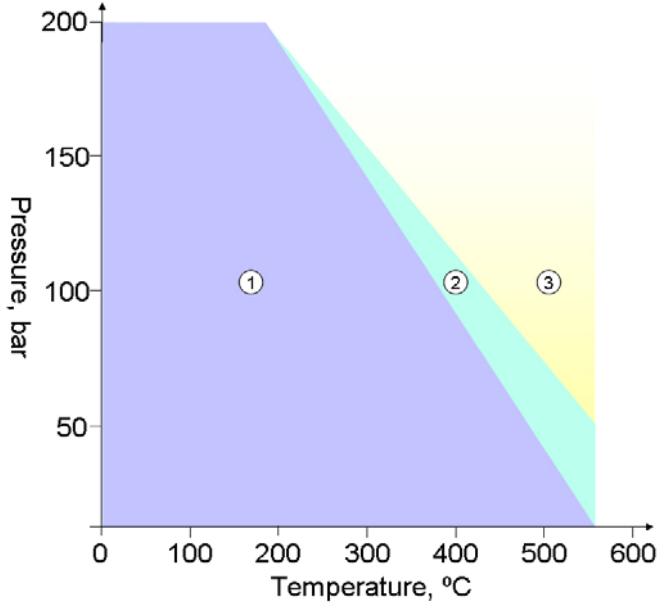
- Suitable for high temperatures (550°C)
- Suitable for high pressures
- Supplied with Graphite Anti-Stick finish
- Wire-Reinforced to improve blow-out resistance and compressive strength
- Colour: Graphite finish

#### **Availability**

Thickness: 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

Sheet Size: 2 x 1.5m (4 x 1.5, 2 x 2 and 1.5 x 1 also available)

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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.

## Further Details/Data

Compressibility	ASTM F36 A	8%
Recovery	ASTM F36 A	50%
Stress Relaxation	BS 1832	31 N/mm <sup>2</sup>
Specific Gravity		2.2 g/cm <sup>3</sup>
Minimum Tensile Strength	ASTM F152	33 N/mm <sup>2</sup>
<b>Fluid Immersion Thickness increase</b>		
ASTM Oil 3	5 hours at 150°C	20%
ASTM Fuel A	5 hours at 20°C	17%
ASTM Fuel B	5 hours at 20°C	20%