



# KLINGERsil C-6307

**Specialist controlled swell grade based on aramid fibres with a blend of NR and SBR binders. Specifically designed for automotive applications.**

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

- Resistant to most mineral acids
- Resistant to alkalis, ketones, aldehydes
- Resistant to many refrigerants
- Resistant to oils, fuels, hydrocarbons etc.
- 3xA anti-stick finish on both sides

#### Typical Applications

- Sulphuric Acid
- Ethylene Chloride
- Hydrochloric Acid
- Caustic duties
- Hydrocarbons
- Refrigerants

#### Availability

Sheeting (m): 2.0 x 1.5\*, 1.5 x 1.0  
 Thickness (mm): 0.4, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

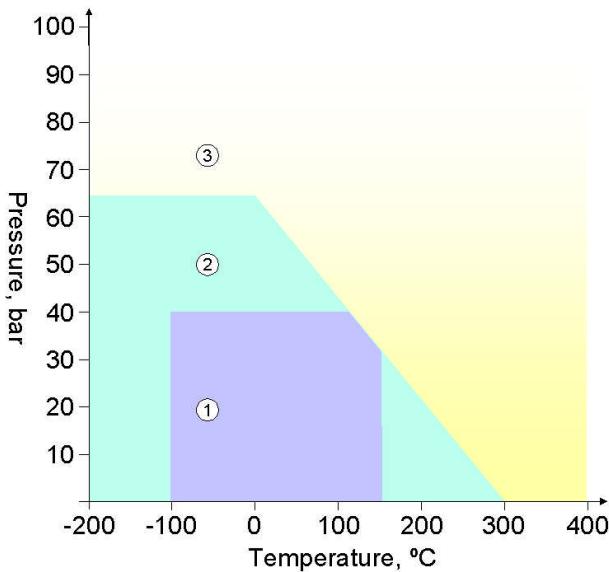
\* - Denotes standard sheet size



BS EN 9100:2003, ISO 9001:2008  
 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		9-15%
Recovery ASTM F 36 A		45%
Klinger cold/hot compression (50MPa)	Thickness decrease 23 <sup>o</sup> C	10%
	decrease at 300 <sup>o</sup> C	28%
Gas leakage according to DIN 3535/6		0.5ml/min
Chlorides (soluble)		150ppm
Thickness increase after fluid	Oil No.3: 5h/150 <sup>o</sup> C	35%
Immersion ASTM F 146	Fuel B: 3h/23 <sup>o</sup> C	40%
Density		1.7g/cm <sup>3</sup>

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