



MATERIAL SPECIFICATION SHEET : Klingersil C-4106

KLINGERSil C-4106

A medium quality non-asbestos material consisting of premium quality cork with a nitrile rubber binder reinforced with synthetic fibre. This special material is particularly useful in applications where light loadings or uneven flanges are involved.

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 sealability even at low bolt loads
- Economical
- Good resistance to oils, fuels, hydrocarbons, water etc
- Excellent gas leakage properties
- Anti-stick finish on both sides

Tests and Certifications

- SVGW Approval for Gas Industry

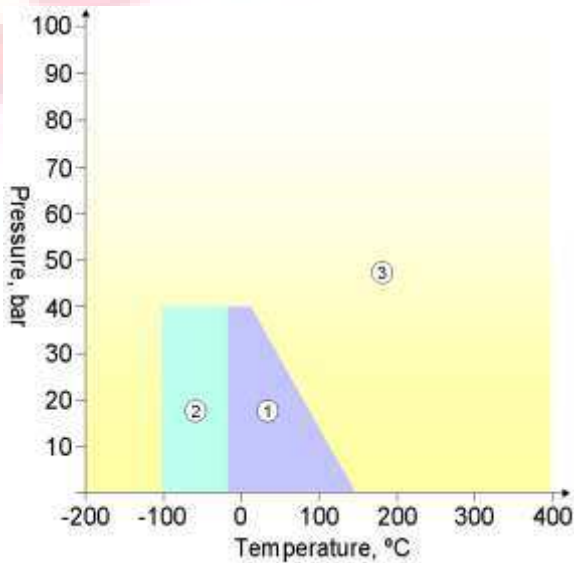
Availability

- Sheeting (m): 2.0 x 1.5
- Thickness (mm): 0.4, 0.8, 1.5, 3.0



The company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only and without liability on the part of the company

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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		30%
Recovery ASTM F 36 A		50%
Stress relaxation DIN 52913	50MPa, 16h/300 ⁰ C	15MPa
Gas leakage according to DIN 3535/6		<0.1ml/min
Chlorides (soluble)		150ppm
	Oil nr.3:5h/150 ⁰ C	5%

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