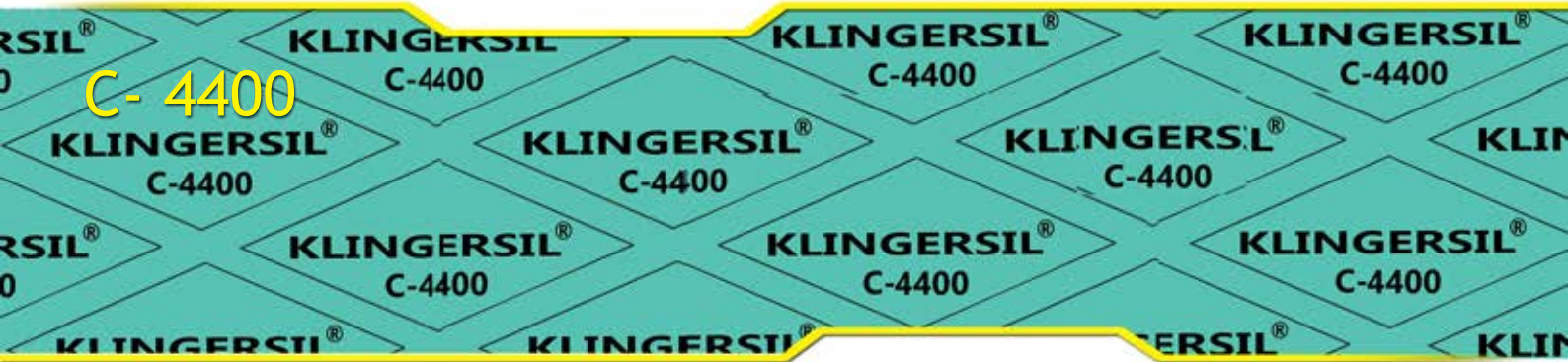


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Data Specifications Sheet

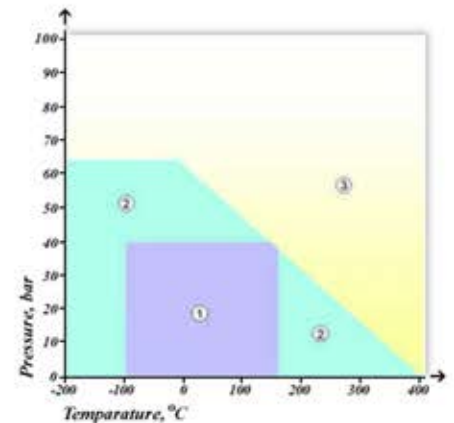


High quality non-asbestos grade based on aramid fibre with nitrile rubber binder. A general purpose material for many industrial sealing applications.

Physical Properties / Technical Data

The information represents typical values which can vary according to the application. These values do not constitute a performance guarantee. Users should determine, prior to use, the suitability of this material for their particular application

Compressibility ASTM F 36 A		11%
Recovery ASTM F 36 A		55%
Stress relaxation DIN 52913	50 MPa, 16h/175°C	32MPa
	50 MPa, 16h/300°C	25MPa
Stress relaxation BS 7531	40 MPa, 16h/300°C	23MPa
Klinger cold/hot compression (50 MPA)	thickness decrease at 23°C	10%
	thickness decrease at 300°C	20%
Tightness according DIN 3535/6		0.02mg/s x m
Tightness Class L	DIN 28090-1	0.1
Specific Leakage λ	VDI 2440	1.64E-08 mbar x l/s x m
Cold Compression	DIN 28091-2	8-12 %
Cold Recovery	DIN28091-2	3-5 %
Hot Compression	DIN28091-2	< 15 %
Hot Recovery	DIN28091-2	1 %
Spring Back R	DIN28091-2	0.019mm
Thickness increase after fluid immersion ASTM F 146	Oil JRM 903: 5h/150°C	3 %
	fuel B: 5h/23°C	5 %
Density		1.6 g/cm ³
Average surface resistance	RQA	1.4x10E12 Ω
Average specific volume resistance	ρ_D	1.2x10E12 Ω cm
Average dielectric strength		21.6kV/mm
Average power factor	1 kHz, ca.2 mm thickness	0.075 tan δ
Average dielectric coefficient	1 kHz, ca.2 mm thickness	7.7 ϵ_r
Thermal conductivity		0.40-0.42W/mK



- Key**
1. Usually satisfactory without reference
 2. Usually satisfactory, but suggest you refer to Gasket Man for advice.
 3. Caution: May be suitable but essential that you refer to Gasket Man for advice.

General Properties

Good resistance to oils, fuels, hydrocarbons
Good creep resistance
Low leakage

Very successful in internal combustion engine applications
3xA anti-stick finish on both sides

Availability

Sheeting (m): 2.0 x 1.5*, 6.0 x 2.0, 6.0 x 1.5

Thickness (mm): 0.4, 0.5, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0

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Should you require any more information please contact us for support.
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