

Gasket Man cc

Data Specifications Sheet

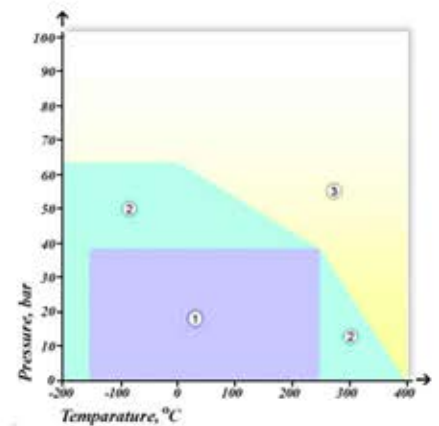


Optimised combination of synthetic fibres and glass-fibre bound with NBR. Premium quality jointing with high temperature resistance in steam and water as well as excellent resistance to oils and hydrocarbons.

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		9%
Recovery ASTM F 36 A		50%
Stress relaxation DIN 52913	50 MPa, 16h/175°C	39MPa
	50 MPa, 16h/300°C	35MPa
Stress relaxation BS 7531	40 MPa, 16h/300°C	31MPa
Klinger cold/hot compression (50 MPA)	thickness decrease at 23°C	8%
	thickness decrease at 300°C	11%
Tightness according DIN 3535/6		<0.1 mg/s x m
Tightness Class L	DIN 28090-1	0.1
Specific Leakage λ	VDI 2440	2.13E-05 mbar x l/s x m
Cold Compression	DIN 28091-2	6- 10 %
Cold Recovery	DIN28091-2	2- 4 %
Hot Compression	DIN28091-2	7 %
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		1.75 g/cm ³
Average surface resistance	RQA	4.1x10E12 Ω
Average specific volume resistance	ρ_D	4.5x10E12 Ω cm
Average dielectric strength		21.3 kV/mm
Average power factor	1 kHz, ca.2 mm thickness	0.02 tan δ
Average dielectric coefficient	1 kHz, ca.2 mm thickness	6.4 ϵ_r
Thermal conductivity		0.42W/mK



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

General Properties

Excellent creep resistance	Good steam resistance
Resistant to oils, fuels, hydrocarbons etc.	WRc approved for use in hot and cold potable water
Fire-safe	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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