

Gasket Man cc

Data Specifications Sheet

PSM

Pure exfoliated graphite with a tanged stainless steel sheet reinforcement for improved blowout resistance and ease of handling. Due to the excellent chemical and thermal capabilities of graphite it is used extensively throughout the petrochemical and chemical industries for process duties and steam 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	33-38%	
Recovery ASTM F 36 A	13-18%	
Stress relaxation DIN 52913	50MPa, 16h/3000C	min 48MPa
Klinger cold/hot compression (50 MPa)	Thickness decrease 230C	40%
	Decrease at 3000C	1.5%
Gas leakage according to DIN 3535/6		0.8ml/min
Chlorides (soluble)		<40ppm
Fluoride and Chloride Content		<200ppm
Density		1.0g/cm ³
Purity		min 98%

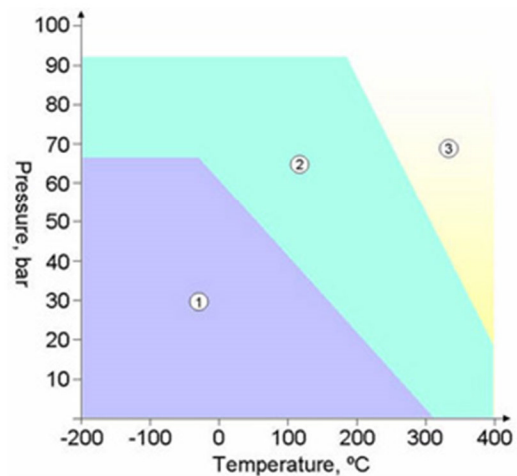
**Typical values for 1.5mm thick material

General Properties

Excellent resistance to steam
Resistant to virtually all media
Outstanding resistance to high and low temperature
High compressibility
Good leakage properties
Unlimited storage life

Availability

Sheeting (m): 1.0 x 1.0*, 1.5 x 1.5
Thickness (mm): 0.8, 1.0, 1.5, 2.0, 3.0



- 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.

Gasket Man cc
Unit C3
Dekema Park
284a Dekema Road
Wadeville
1422

Tel: 011 865 4347
Fax: 086 670 6773
Cell: 082 925 1497

Should you require any more information please contact us for support.
You can also mail us at:
amanda@gasketmanonline.co.za