



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,
Mansfield Road,
Derby DE21 4SX

Tel: 01332 360701, Fax: 01332 291484

www.derbygaskets.com



GB 19386

MATERIAL SPECIFICATION SHEET PG-Therm

Description:

PG-Therm is a Mica (Phlogopite) based gasket material, a small amount of high quality silicone binder is used to form the sheet.

Application:

PG-Therm is a High Temperature gasket material designed for exhaust systems, heat exchangers and other high temperature applications where there is moderate pressure involved.

Availability:

Thickness

0.4mm to 6.0mm

1.0mm to 3.0mm (with Tang)

Sheet Size

1200mm X 1000mm

1000mm X 1000mm (with Tang)

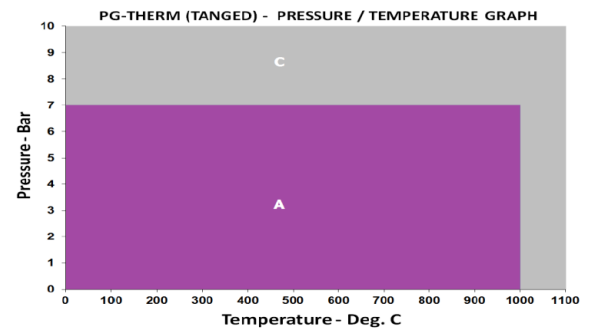
Colour:

Gold

Typical Physical Properties:

		PG-Therm	PG-Therm Tanged
Density		2.0 g/cc	1.9 g/cc
Tensile Strength	ASTM F152	23 MPa	N/A
Compression	ASTM F36 J	20%	12%
Recovery	ASTM F36 J	42%	60%
Residual Stress	BS7531	33 MPa	35 MPa
Residual Stress	DIN 52913	40 MPa	45 MPa
Ignition Loss	DIN 52911	5%	N/A

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

As the companies products are used in multiple applications and as the company has no control over the method of their use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise. Any technical co-operation is given for customers assistance only and without liability on the part of the company

We reserve the right to alter the specification without notice. Values given may vary according to manufacturing tolerances. It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required.

DGL-MSS53 Iss 2

Registered Office: Derby Gaskets Ltd; Units 2, 3 & 4 Racecourse Industrial Park, Mansfield Road, Derby, DE21 4SX
Chairman: C. Prince, Directors: S. Prince (Managing), Y. Kennedy (Company Secretary).
VAT 295 2969 03. Co. Reg. 1914526