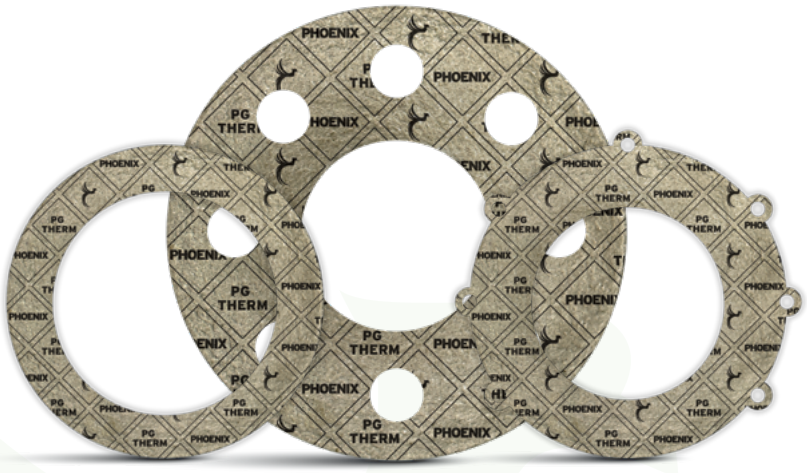
PG-Therm
Technical Datasheet



PG Therm is a high temperature gasket material manufactured from mica (phlogopite) with a small amount of high quality silicone binder. It is supplied without metallic reinforcement. Available in Full Face (FF), Inner Bolt Circle (IBC) or Custom Made (CM). We accommodate bespoke shapes and sizes, and can reverse engineer from existing gaskets or product faces. Just get in touch.

Application

PG-Therm is an ideal gasket material for high temperature applications of moderate pressure such as exhaust systems, heat exchangers and turbochargers. Due to its excellent thermal and electric insulation properties it is often specified as an insulator or thermal barrier.

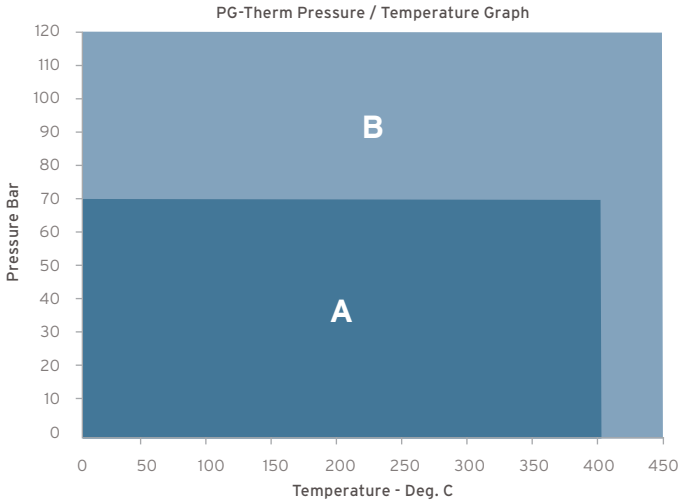
Typical Physical Properties

Thickness		1.5mm
Density		2.0g/cc
Tensile Strength	ASTM F152	23MPa
Compression	ASTM F36J	20%
Recovery	ASTM F36J	42%
Residual Stress	BS7531	33 MPa
Residual Stress	DIN 52913	40 MPa
Ignition Loss	DIN 52911	5%

Availability

Thickness	0.4mm to 6.0mm
Sheet Size	1200mm x 1000mm
Colour	Gold

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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