PG-P
Technical Datasheet

PG-P is a high quality exfoliated graphite material 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.

IBC FF CM

Application

PG-P is a high compressibility material with excellent stress retention properties. Its wide temperature range makes it ideal for applications in the petrochemical industry and as a filler or facing for metallic gaskets. It is available in either sheet form or as rolls and can be slit into any width.

Typical Physical Properties

Thickness		1.5mm
Density		1.0g/cc
Purity		>99.5%
Compression	ASTM F36J	35% to 55%
Recovery	ASTM F36J	>15%
Residual Stress	DIN3535-6	35 MPa
Tensile Strength		>4.0MPa
Chloride Content		≤100 ppm
Sulphur Content		<900 ppm
Temperature Range		-196°C/+400°C
Max. Pressure		50 Bar

NOTE: The above pressure rating is dependent on the operating temperature, and does not apply at the maximum temperature.

Availability

Thickness	1.0mm to 5.0mm
Sheet Size	1500mm x 1500mm, 1000mm x 1000mm
Specification	Available on request
Colour	Black

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