



PG-P Technical Datasheet

Description

PG-P is a high quality exfoliated graphite material supplied without metallic reinforcement.

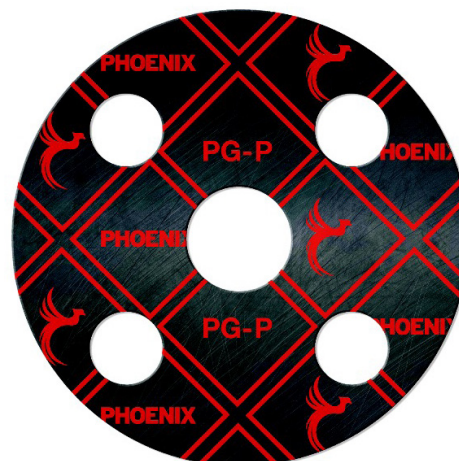
Application

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
Ash Content		<0.3%
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
Insert	Available on request
Colour	Black

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