

PG-F Datasheet

Description:

PG-F is a high quality graphite laminate material in which exfoliated graphite is bonded to a 316 stainless steel foil insert

Application:

PG-F has a wide temperature range, excellent chemical resistance and good stress retention properties making it ideal for many demanding applications. It is easy to cut and so is good alternative to PG-T if cutting on site is required.

Availability:

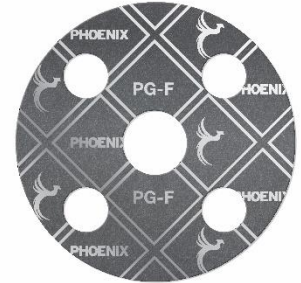
Thickness

1.0mm to 3.0mm

Sheet Size

1500mm X 1500mm, 1000mm X 1000mm

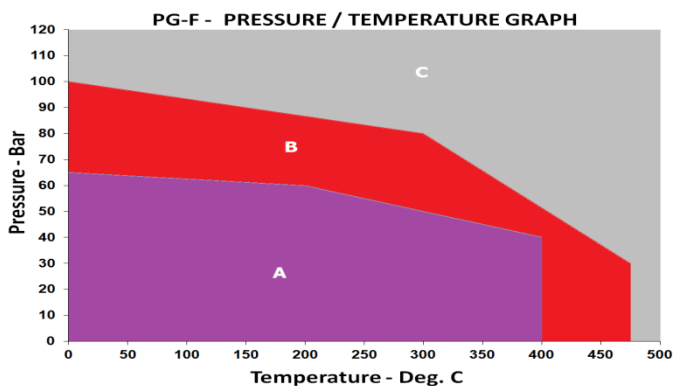
Colour: Black.



Typical Physical Properties:

Thickness		1.5mm
Density		1.0 g/cc
Insert Thickness		0.1mm
Compression	ASTM F36 J	42% to 50%
Recovery	ASTM F36 J	15%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	35 MPa
Gas Leakage	BS7531	<1.0 ml/min
Ash Content		1.0% max
Chloride Content		45 ppm max
Y value		10.3 MPa
M value		2

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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