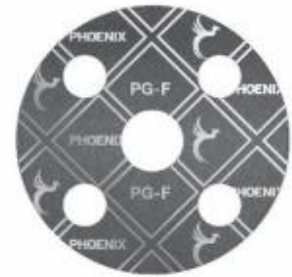


TDS 06 - Rev 5

## 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

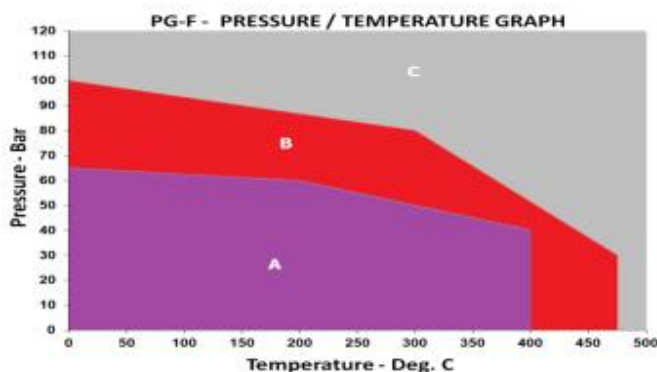
1500mm X 1500mm, 1000mm X 1000mm

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 <sup>2</sup> @ 300°C)	35 MPa
Gas Leakage	BS7531	<1.0 ml/min
Ash Content		1.0% max
Chloride Content		45 ppm max

### Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

As the company's 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 cooperation is given for customer assistance only and without liability on the part of the company.