

**Description:**

PG-G is a high quality grade of compressed non-asbestos sheet material based on Aramid fibre and Graphite with a high quality Nitrile binder.

**Application:**

PG-G is a premium performance gasket material with excellent mechanical properties, the material is designed for use in various types of applications including piping flanges and valves.

**Availability:****Thickness**

0.4mm to 6.0mm

**Sheet Size**

1500mm X 1500mm

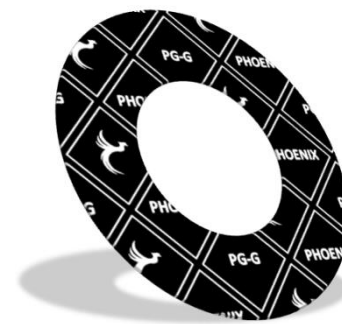
**Specification:**

BS7531 Grade X

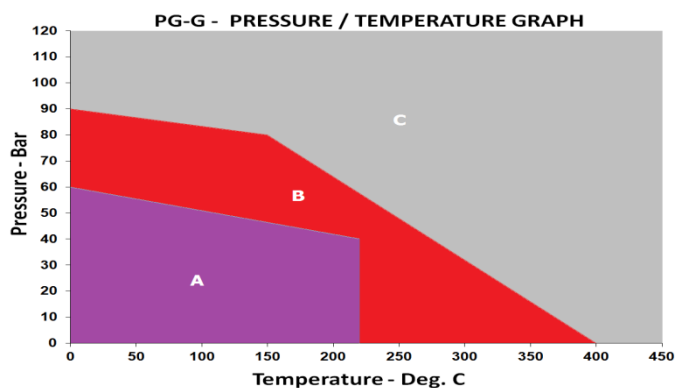
**Colour:** Black.

**Reinforcement:** Available with wire insert (CS)

# PG-G Datasheet

**Typical Physical Properties:**

|                  |                                      |            |
|------------------|--------------------------------------|------------|
| Thickness        |                                      | 1.5mm      |
| Density          |                                      | 1.80 g/cc  |
| Tensile Strength | ASTM F152                            | 13 MPa     |
| Compression      | ASTM F36 J                           | 7% to 15%  |
| Recovery         | ASTM F36 J                           | >50%       |
| Residual Stress  | BS7531 (40N/mm <sup>2</sup> @ 300°C) | 25 MPa     |
| Gas Leakage      | BS7531                               | 0.5 ml/min |
| ASTM Oil 1       | ASTM F146                            | 2.5%       |
| ASTM Oil 3       | ASTM F146                            | 5.0%       |
| ASTM Fuel B      | ASTM F146                            | 4.0%       |

**Service:**

A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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