

# PG-O Datasheet

## Description:

PG-O is a good quality grade of compressed non-asbestos sheet material based on Aramid and Inorganic fibre with a high quality Nitrile binding system.

## Application:

PG-O is a high 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, 4500mm X 1500mm

1900mm X 1900mm, 3800mm X 3800mm

### Specification:

BS7531 Grade Y

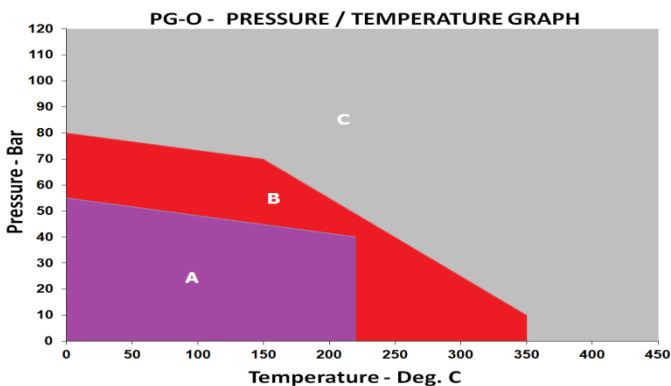
Colour: Orange.



## Typical Physical Properties:

Thickness		1.5mm
Density		1.90 g/cc
Tensile Strength	ASTM F152	12 MPa
Compression	ASTM F36 J	7% to 12%
Recovery	ASTM F36 J	60%
Residual Stress	BS7531 (40N/mm <sup>2</sup> @ 300°C)	23 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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