

# PG-O Datasheet

## Description:

PG-O is a good quality grade of compressed sheet material based on aramid and inorganic fibre with a high quality nitrile binding system.

## Application:

PG-O is a high performance gasket material meeting the requirements of BS 7531 Grade Y. The material has excellent sealing properties and is suitable for oils, water, solvents, gas, low pressure steam and many dilute acids and alkalis.

## Availability:

### Thickness

0.25mm to 6.0mm

### Sheet Size

1500mm X 1500mm, 4500mm X 1500mm

1900mm X 1900mm, 3800mm X 3800mm

### Specification:

BS7531 Grade Y

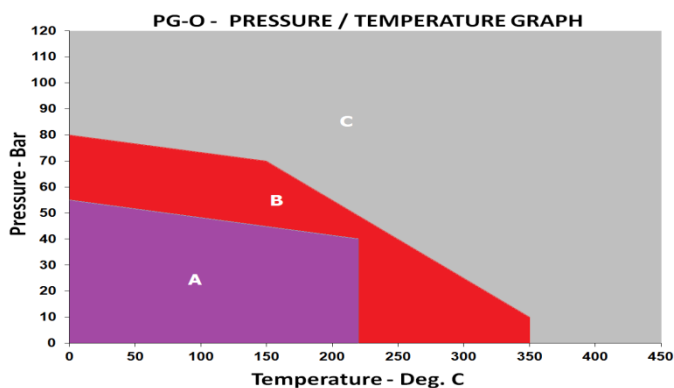
**Colour:** Orange



## 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	BS 7531	<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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