



# PG-O Technical Datasheet

## Description

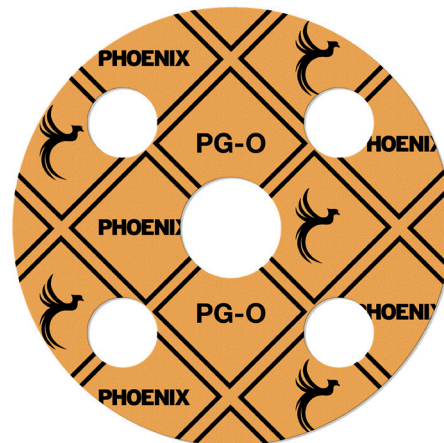
PG-O is a high quality grade of compressed sheet material based on aramid and inorganic fillers with a nitrile binder.

## 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, and many dilute acids and alkalis.

## Typical Physical Properties

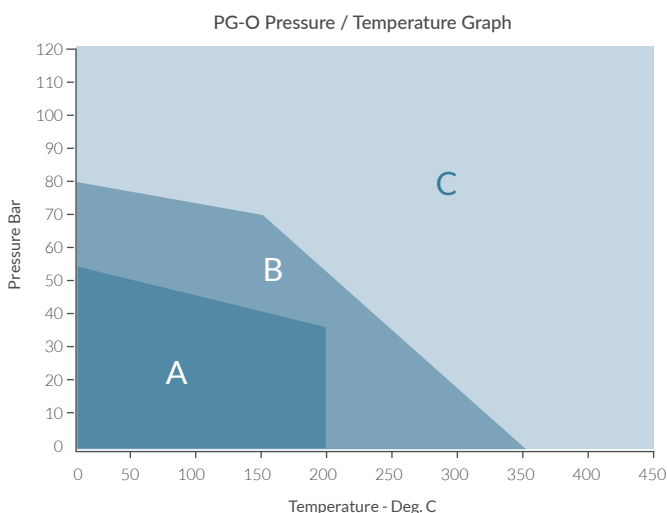
Thickness		1.5mm
Density		1.90g/cc
Tensile Strength	ASTM F152	12MPa
Compression	ASTM F36J	7% to 12%
Recovery	ASTM F36J	60%
Residual Stress	BS7531 (40N/mm <sup>2</sup> @ 300°C)	23 MPa
Gas leakage	BS7531	<0.5 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%



## Availability

<b>Thickness</b>	0.25mm to 6.0mm
<b>Sheet size</b>	1500mm x 1500mm, 4500mm x 1500mm 1900mm x 1900mm, 3800mm x 3800mm
<b>Specification</b>	BS7531 Grade Y
<b>Colour</b>	Orange

## Service



- A = Suitable subject to chemical compatibility
- B = Please contact our Technical Team
- C = Not Suitable

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