



# PG-E Technical Datasheet

## Description

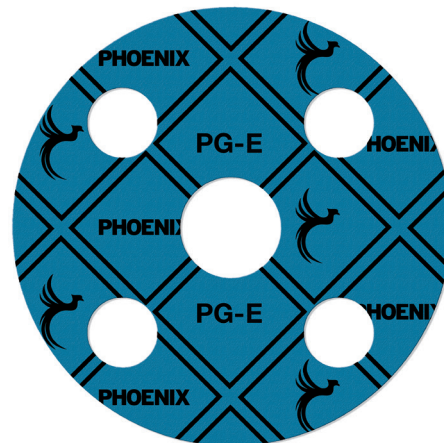
PG-E is a cost effective medium quality grade of compressed fibre sheet material based on aramid and inorganic fibre with a high quality nitrile binding system.

## Application

PG-E is a general purpose gasket material with excellent mechanical properties, suitable for a wide range of fluids including oils, water, solvents, gas and many chemicals.

## Typical Physical Properties

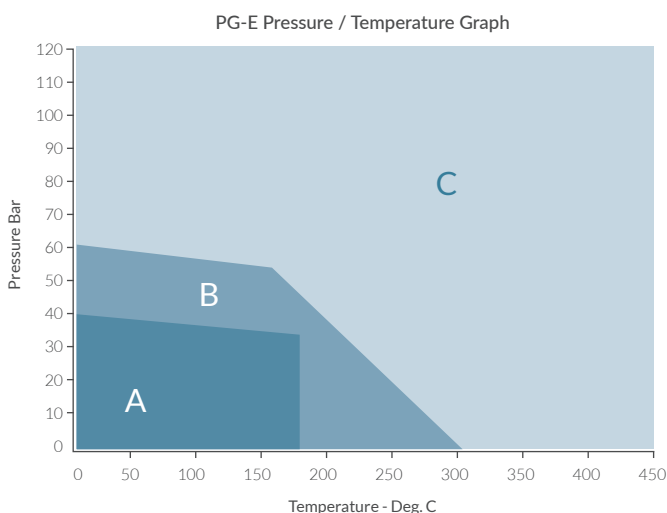
Thickness		1.5mm
Density		1.90g/cc
Tensile Strength	ASTM F152	10MPa
Compression	ASTM F36J	7% to 15%
Recovery	ASTM F36J	>50%
Residual Stress	50N/mm <sup>2</sup> @ 175°C	25 MPa
Gas leakage	BS7531	<1.0 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%



## 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>	Germanischer Lloyd, WRAS 1903507
<b>Colour</b>	Blue

## Service



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

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