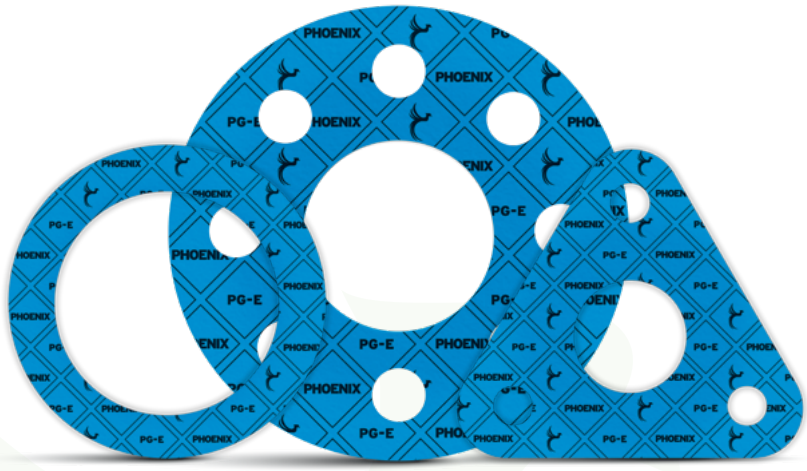
PG-E
Technical Datasheet

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. Available in Full Face (FF), Inner Bolt Circle (IBC) or Custom Made (CM). We accommodate bespoke shapes and sizes, and can reverse engineer from existing gaskets or product faces. Just get in touch.



IBC FF CM

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.

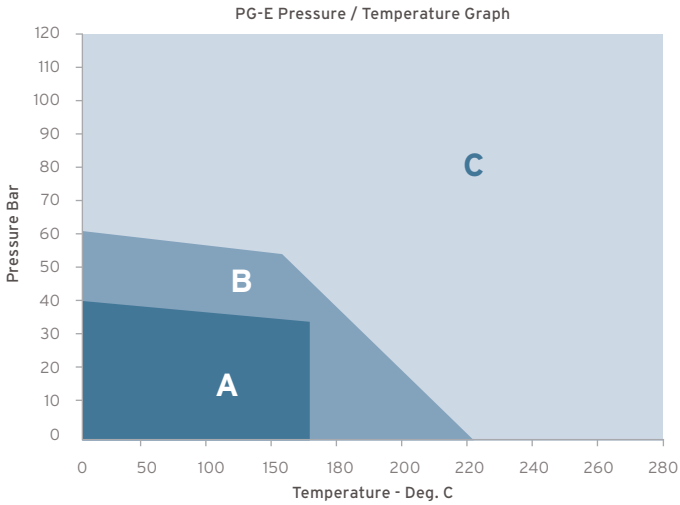
Typical Physical Properties

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/mm² @ 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

Thickness	0.25mm to 6.0mm
Sheet Size	1500mm x 1500mm, 4500mm x 1500mm 1900mm x 1900mm, 3800mm x 3800mm
Specification	Germanischer Lloyd, WRAS 2008511
Colour	Blue

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

Order now: +44 (0) 1246 209680 | info@phoenixsealing.co.uk | www.phoenixsealing.co.uk

As the company's products are used in multiple applications and as the company has no control over the method of their use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise. Any technical co-operation is given for customers assistance only and without liability on the part of the company.