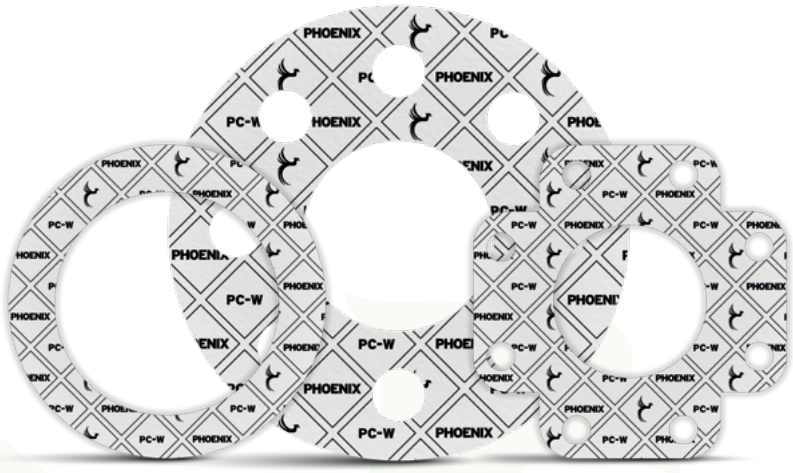
PC-W
Technical Datasheet

PC-W is a high quality, biaxially orientated PTFE sealing material with a barium sulphate filler. 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

PC-W is a high performance material with excellent mechanical properties. The material is suitable for use across a wide range of chemicals including strong caustics, hydrofluoric acid, chlorine and aluminium fluoride.

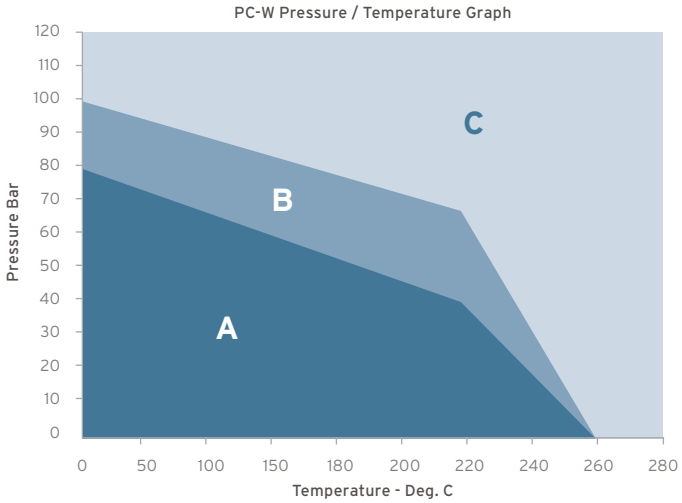
Typical Physical Properties

Thickness		1.5mm
Density		3.0g/cc
Tensile Strength	ASTM F152	14MPa
Compression	ASTM F36J	4%
Recovery	ASTM F36J	>40%
Residual Stress	DIN52913 (50N/mm² @ 175°C)	31 MPa
Gas Leakage	BS7531	0.05 ml/min
Creep Relaxation	ASTM F38	20%
Liquid Leakage	ASTM F37	0.2 ml/hr

Availability

Thickness	0.75mm to 6.0mm
Sheet Size	1500mm x 1500mm, 1800mm x 1800mm
Specification	Conforms with FDA 1935/2024, ABS, BAM DVGW, TA-Luft, Blow Out Test, Chlorine Institute
Colour	White

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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