PC-B
Technical Datasheet

PC-B is a high quality, biaxially orientated PTFE sealing material filled with glass microspheres. 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-B is a highly compressible material suitable for steel, glass-lined, ceramic or plastic coated flanges. It is suitable for sealing all chemicals across the whole pH range, except molten alkali metals, fluorine or hydrogen fluoride.

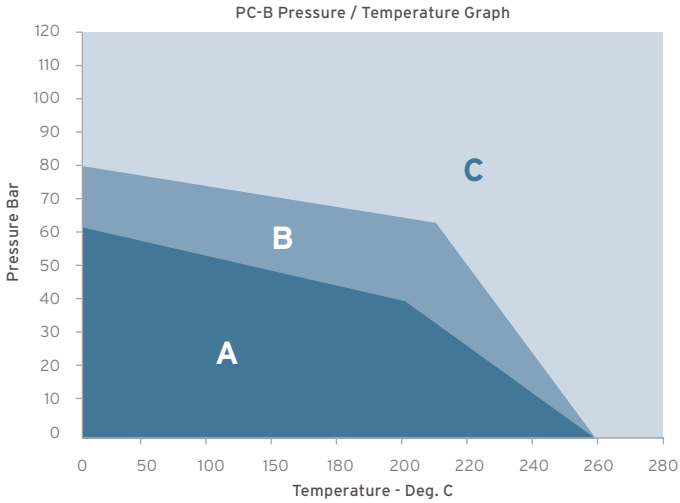
Typical Physical Properties

Thickness		1.5mm
Density		1.4g/cc
Tensile Strength	ASTM F152	10MPa
Compression	ASTM F36J	38%
Recovery	ASTM F36J	>32%
Residual Stress	DIN52913 (50N/mm² @ 175°C)	26 MPa
Gas leakage	BS7531	0.05 ml/min
Creep Relaxation	ASTM F38	33%
Liquid Leakage	ASTM F37	0.22 ml/hr

Availability

Thickness	0.75mm to 6.0mm
Sheet Size	1500mm x 1500mm, 1800mm x 1800mm
Specification	Conforms with FDA, 1935/2004, ABS, BAM, TA-Luft, Blow Out test.
Colour	Blue

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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