



PC-F Technical Datasheet

Description

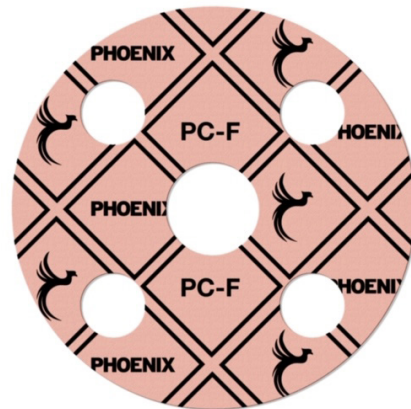
PC-F is a high quality, biaxially orientated PTFE sealing material with a silica filler.

Application

PC-F is a high performance material with excellent mechanical properties. The material is suitable for use across a wide range of chemicals including strong acids (except hydrofluoric), steam, solvents and hydrocarbons.

Typical Physical Properties

Thickness		1.5mm
Density		2.2g/cc
Tensile Strength	ASTM F152	14MPa
Compression	ASTM F36J	6%
Recovery	ASTM F36J	>42%
Residual Stress	DIN52913 (50N/mm ² @ 175°C)	31 MPa
Gas leakage	BS7531	0.05 ml/min
Creep Relaxation	ASTM F38	20%
Liquid Leakage	ASTM F37	0.22 ml/hr

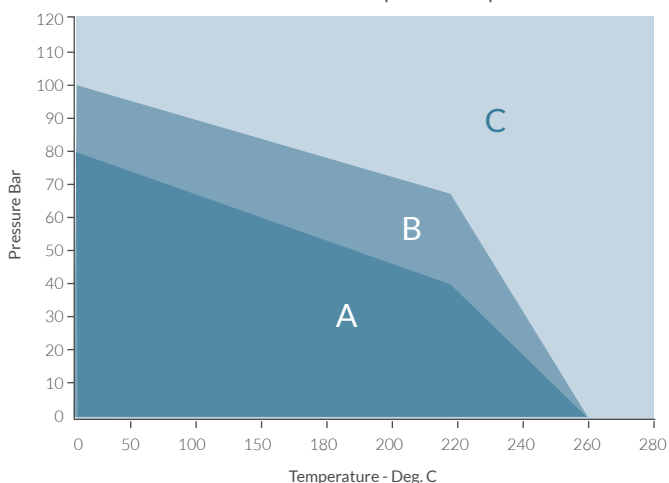


Availability

Thickness	0.75mm to 6.0mm
Sheet size	1500mm x 1500mm, 1800mm x 1800mm
Specification	Conforms with FDA 21 CFR 177.1550 ABS (19-LD1869901-PDA)
Colour	Fawn - Pink

Service

PC-F Pressure / Temperature Graph



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

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