

PC-F Datasheet

Description:

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

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.

Availability:

Thickness

0.75mm to 6.0mm

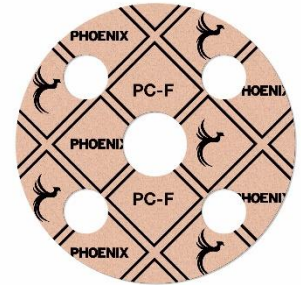
Sheet Size

1500mm X 1500mm,
1800mm X 1800mm,

Specification:

Conforms with FDA 21 CFR 177.1550

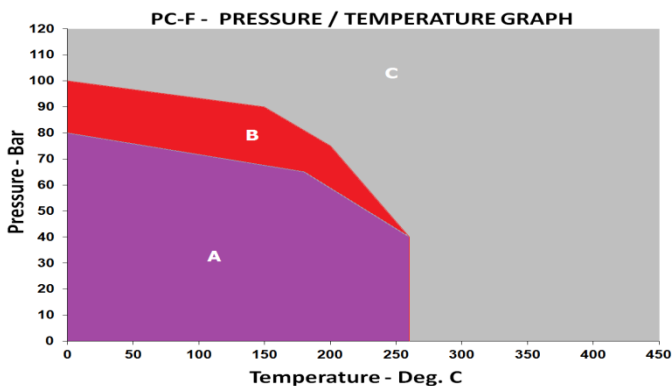
Colour: Pink - Fawn.



Typical Physical Properties:

Thickness		1.5mm
Density		2.2 g/cc
Tensile Strength	ASTM F152	14 MPa
Compression	ASTM F36 J	6%
Recovery	ASTM F36 J	>42%
Residual Stress	DIN 52913 (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

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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