

PC-W Datasheet

Description:

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

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

Availability:

Thickness

0.75mm to 6.0mm

Sheet Size

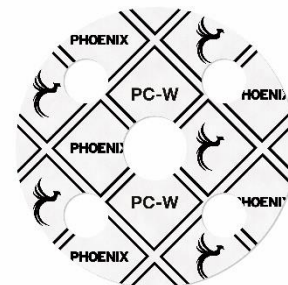
1500mm X 1500mm,

1800mm X 1800mm,

Specification:

Conforms with FDA 21 CFR 177.1550

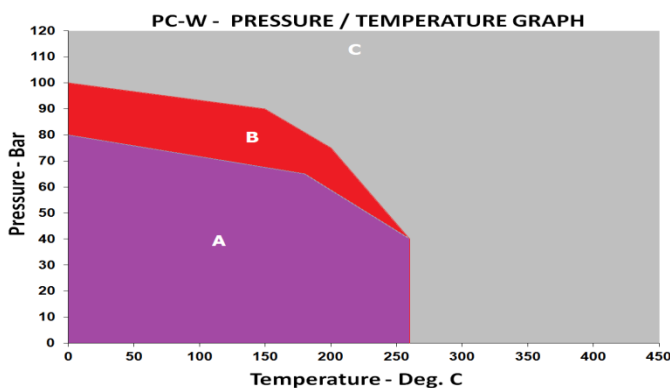
Colour: White.



Typical Physical Properties:

Thickness		1.5mm
Density		3.0 g/cc
Tensile Strength	ASTM F152	14 MPa
Compression	ASTM F36 J	4%
Recovery	ASTM F36 J	>40%
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	0.2 ml/hr

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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