



Data / Specification Sheet

Modified Blue PTFE Sheeting

Description

Alba Modified Blue PTFE Sheeting is a high performance Biaxially orientated sheet sealing material containing PTFE and hollow glass microspheres.

Availability

Alba Modified Blue PTFE is available in Sheeting or Cut Joint Form as detailed below:-

Sheeting Size

1.50m x 1.50m

Sheet & Gasket Thicknesses

0.75mm / 1.00mm / 1.50mm / 2.00mm / 3.00mm

Service

This material is Specifically designed for use in Flanges where only low bolt loading is available. Such Flanges can be Glass Lined, Ceramic, Plastic or be so distorted that they include areas of Low Gasket Stress.

This material is suitable for sealing all chemicals across the whole Ph Range (0–14) with the exception of Molten Alkali Metals, Fluorine Gas, Hydrogen Fluoride or materials which may generate these.

Maximum Temperature—260 degrees C

Maximum Pressure—8.5MPa/85bar/1235psi

These temperature & pressure guides cannot necessarily be used simultaneously & may not apply at all thicknesses.

Complies with the requirements of FDA Regulations.

Typical Physical Properties

<u>Thickness</u>		<u>1.50mm</u>	<u>3.00mm</u>
Density	gcm ⁻³	1.4	1.4
ASTM Compressibility	%	41	30
ASTM Recovery	%	37	43
ASTM Tensile Strength	MPa	11	10
BS Residual Stress	MPa	33	26
Din Gas Permeability	mL/min	0.01	0.03
ASTM Liquid Leakage	Ml/hr	0.65	0.75
ASTM Creep Relaxation	%	31	47

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