

DATASHEET

FlangeSil Expanded PTFE Sheet

APPLICATIONS

Particularly suitable in applications needing excellent sealing capability in low stress assemblies such as glass lined, thin or uneven flanges or HDPE flanges. Chemical processing, Pulp and paper manufacturing, Oil and Gas, Mining and minerals processing and Power Generation, food and beverage.

FEATURES

- Made from 100% Multi directional expanded PTFE
- Temperature resistant
- Highly conformable
- Dimensionally stable
- Easy to install



PTFE (POLYTETRAFLUOROETHYLENE)

PROPERTY	DESCRIPTION	VALUE
Specific Gravity		0.85+-0.04
pH Range		0 - 14
Continuous Temperature	Maximum	260°C

SPECIFICATION

PROPERTY	DESCRIPTION	VALUE
Material	100% Expanded PTFE	-
Density	g/cm3	0.65-0.95
Compressibility	%	45
Recovery	%	15
Length Tensile Strength	Mpa	17
Cross Tensile Strength	Mpa	27
Compressive Strength	Mpa	14.7
Size	Thickness	0.4-8mm
	Width	1500mm
	Length	1500mm

Flangesil is manufactured from FDA compliant materials