



# 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	260ºC

#### **SPECIFICATION**

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

Flangesil is manufactured from FDA compliant materials



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