

Non-Metallic Sheets & Gaskets

STARFLON® Sheets & Gaskets

STARFLON® (PTFE) Expanded Sheet Gasket

JIC 8312

[Characteristic]

This Sheet Gasket is made from 100% expanded PTFE with multidirectional strength. Developed to come up with the problems of creep and cold flow. Excellent in chemical resistance and in the use and cut gasketing process.

내약품성이 현저히 우수한 4불화 에틸렌수지를 팽창성형한 특수 PTFE Sheet를 소정의 평면상으로 가공한 가스켓. 가공성이 뛰어나 어떠한 형태든지 직접 가공하여 적용개소에 설치가능하며 화학 약품을 취급하는 라인 및 비오염성 라인 등에 적용 가능.

[Application]

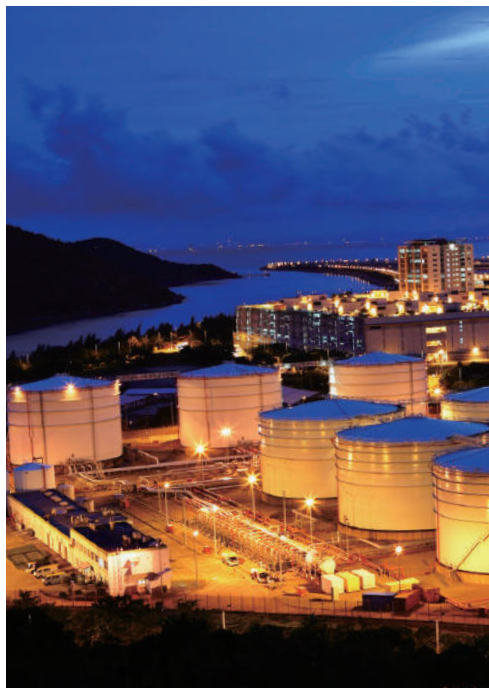
Maximum Service Temp.	260°C
Maximum Service Pressure	20kgf/cm ²

Applied Fluids : Alkaline metallic organic chemical compounds, chemicals or solvents except fluorine under high temperature and high pressure, oil gas, foods and medicines to avoid fluid contamination.

[Size]

Thickness(mm)	0.5 ~ 9.0
Sheet(mm)	1000×1000 / 1500×1500

* Other Sizes can be available, if required.



[Typical Physical Properties]

Test Method	Description	Value
ASTM D792	Density (g/cm ³)	0.65
ASTM F152	Tensile Strength .MPa	47.56 (13.7)
ASTM F36	Compressibility(%)	66
	Recovery(%)	7
ASTM F37B	Sealability Nitrogen(ml/hr)	0.17
ASTM F38	Creep relaxation(%)	37.1

* All data are typical values

[Design Data]

Thickness(mm)	Gasket Factor(m)	Min. Design Seating Stress (y) kgf/cm ² (psi)
1.0	3.5	250 (3556)
1.5	3.2	230 (3271)
2.0	3.0	200 (2845)
3.0	2.5	

