

TH3000

Compressed Non-Asbestos Joint Sheet & Sheet Gasket

압축 비석면시트 & 시트 가스켓



Characteristic

This is manufactured by the hot calender process using high quality non-asbestos fibers and oil resistant synthetic rubber. Specially, this sheet has oil superior sealability with excellent oil resistance.

우수한 품질의 비석면 섬유와 내유성이 뛰어난 합성고무를 사용하여 기름에 특히 안정적이며 seal성이 우수한 제품입니다.

* KS L5406 B종 / Anti-stick Coating은 당사로 문의 바랍니다.

Size	Thickness(mm)	0.5 ~ 4.8
	Sheet(mm)	1270 x 1270 / 1270 x 3850 / 2540 x 3850 1500 x 1500 / 1500 x 2000 / 1500 x 4000

* Other Sizes can be available, If required.

* One or both sides Graphite & PTFE coating available, If required.

Application

Short-term peak Temp.	350°C [662°F]
Short-term peak Pressure	60kgf/cm ² [5.88 MPa]

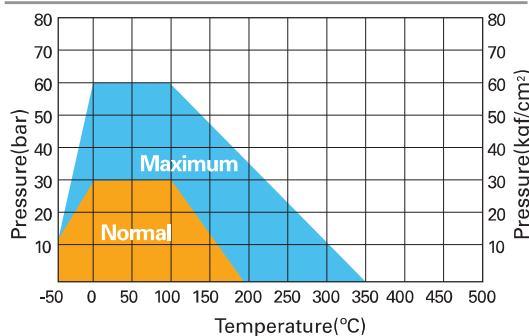
Applied Fluids

Hot oil, Fuels, Water, Sea water, Organic, Oil gas, Organic solvent

• 30K Air Line or F.O Line

- Apply gasket paste on the cut surface of the gasket inner diameter side
- Use gasket with a minimum thickness as much as possible(1.5mm or less)

Pressure/Temperature Operating Guidelines



* Not available with maximum temp. & pressure at the same time.

* Maximum shows short term peak temp. & pressure.

Typical Physical Properties

Test Method	Description	TH3000
	Density[g/cm ³]	1.6~1.7
ASTM F152	Tensile strength	
	Across grain. MPa(kgf/mm ²)	10.8(1.1)
ASTM F36J	Compressibility[%]	7~17
	Recovery[%]	40% Min
ASTM F146	Fluid Resistance after 5hrs immersions	
	ASTM #3 Oil (150°C)	
	- Thickness Increase[%]	15% Max
	- Tensile Loss[%]	40% Max
	ASTM Fuel B (20~30°C)	
	- Thickness Increase[%]	15% Max
	- Weight Increase[%]	15% Max
ASTM A147	Flexibility	No Crack
ASTM F495	Ignition Loss[%] 850°C(1123°F) x 30min	32% Max

* All data are typical values

Design Data

Thickness(mm)	Gasket Factor(m)	Min. Design Seating Stress(y) kgf/cm ² (psi)
3.2	2.00	112(1600)
1.6	2.75	260(3700)
0.8	3.50	457(6500)

Note: Water type fluids : For steam line, spiral wound gasket or graphite sheet gasket is recommended.