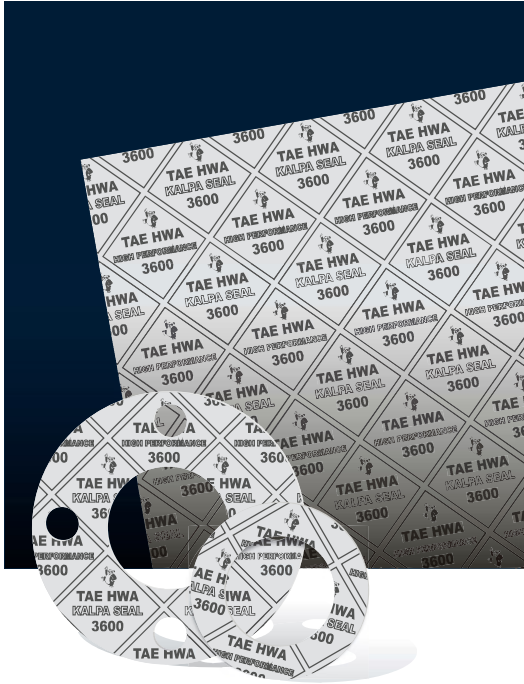


TH3600

High-Performance Line Compressed Non-Asbestos Joint Sheet & Sheet Gasket

압축 비석면시트



Characteristic

High quality non-asbestos fiber and excellent heat/oil resistant rubber are compounded and calendered into a gasket sheet with superior chemical resistance. Especially it shows a good sealing performance under hot oil, oil gas etc.

고품질의 비석면 섬유와 내유성 및 내열성이 뛰어난 고무를 사용했기 때문에 우수한 화학적 안정성을 가진 압축 비석면판이다. 특히 고온의 열유, 유가스 등의 기름에서 우수한 밀봉성을 발휘한다.

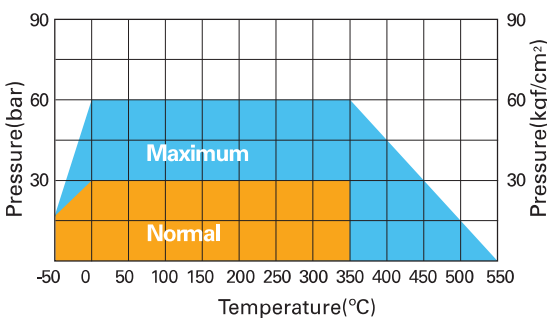
Size	Thickness(mm)	0.5 ~ 3.2
	Sheet(mm)	1500 x 1000 / 1500 x 1500 1500 x 2000 / 1500 x 4000

* Other Sizes can be available, If required.

Application

Short-term peak Temp.	550°C [1022°F]
Short-term peak Pressure	60kgf/cm ² [5.88 MPa]
Applied Fluids	Oil, Water, Fuels, Hot oils, Steam Salt solution, Mild acids and alkalis

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	TH3600
	Density[g/cm ³]	1.5~1.7
ASTM F152	Tensile strength	
	Across grain. MPa(kgf/mm ²)	13.7(1.4)
ASTM F36J	Compressibility[%]	7~17
	Recovery[%]	40% Min
ASTM F146	Fluid Resistance after 5hrs immersions	
	ASTM #3 Oil (150°C)	
	- Thickness Increase[%]	10% Max
	- Tensile Loss[%]	30% Max
ASTM F146	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	38% 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.