



HEAD OFFICE
17 Tapgeol-gil Ungchon-myeon Ulju-gun Ulsan Korea
Tel.82-52-228-7500 Fax.82-52-268-5578

OVERSEAS DIRECT
Tel.82-52-228-7563 Fax.82-52-228-7530

SEOUL OFFICE
Tel.82-2-2635-1380 Fax.82-2-2635-1382

KUKIL INNTOT CO., LTD.

KUKIL INNTOT is a professional manufacturer of gasket, packing coupling with the latest technology not only for the plant but also the plant maintenance and emergency repair.

NON-ASBESTOS GASKET

Type ' KN 1-W '

Product Reference :

INNOSILD KN 1-W

Description :

INNOSILD KN1-W components are Aramid fibers with NBR binder and Stainless steel wire reinforced to form Non-Asbestos joint sheet gasket.
Good resistance to water and gases, oils & fuels.

Service :

Maximum recommended Temperature : 250°C
Maximum recommended Pressure : 120 kg/cm²

Typical Specifications :



TYPICAL MATERIAL PROPERTIES

Test Method	Description	Specified Value
ASTM D792	Density	1.7~2.0g/cm ³
ASTM F152	Tensile Strength	> 10Mpa
ASTM F36	Compressibility	5~15%
	Recovery	> 50%
ASTM F146	ASTM Oil No.3 150°C x 5h	
	- Thickness Increase	< 10%
	- Weight Increase	< 10%
	ASTM Fuel B 23°C x 5h	
	- Thickness Increase	< 10%
	- Weight Increase	< 10%
ASTM F147	ASTM Warer 23°C x 22h	
	- Thickness Increase	< 7%
	- Weight Increase	< 15%
ASTM F147	Flexibility	No Defects
ASTM F495	Ignition Loss	< 30%
BS 7531 Grade 'Y'	Compressibility	6%~14%
	Residual stress	< 25 MPa
	Gas permeability	< 1ml/min
	Chloride Contents	< 100 ppm

Gasket Design Data : Standard ASME Section VIII Div.1

Thickness	Gasket Factor " m "	Min. Design Sealing Stress " y "
1.5t, 2.0t	2.75	3,700 psi
3.0t	2	1,600 psi

Availability :

Gasket Size : Max. 1500mm (Non-seam)
Max. 5000mm (seam)
Thickness : 1.5mm , 2.0mm , 3.0mm , etc.

Remark :

- The specification of product is written by manufacturer, and it is changed frequently.
- The recommended flange surface finish for INNOSILD KN 1 gasket is from 125~500AARH
- The Anti-stick is processed on the surface of gasket.