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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 8 '*

### Product Reference :

K/# KN 8

### Description :

The main components are Carbon Fibers with NBR binder to form non-asbestos joint sheet gasket.

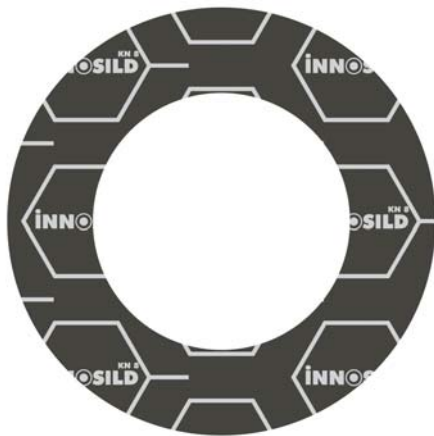
KUKIL KN 8 gasket are used in a wide range of media including oils, alkalis, hydrocarbons, and steam.

### Service :

Maximum recommended Temperature : 340°C

Maximum recommended Pressure : 140 kg<sub>f</sub>/cm<sup>2</sup>

### Typical Specifications :



#### TYPICAL MATERIAL PROPERTIES

Test Method	Description	Specified Value
ASTM D792	Density	1.6~1.8g/cm <sup>3</sup>
ASTM F152	Tensile Strength	> 10Mpa
ASTM F36	Compressibility	5~15%
	Recovery	> 55%
ASTM F37	Sealability	
	- ASTM Fuel A	< 1ml/hr
	- Nitogen	< 1ml/hr
ASTM F38	Creep Relaxation	< 20%
DIN 3545	Gas Permeability	< 0.03cc/min

### 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 8 gasket is from 125~500AARH