



**HEAD OFFICE**  
17 Tappeol-gil Ungchon-myeon Uiju-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 9 '*

### Product Reference :

K/# KN 9

### Description :

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

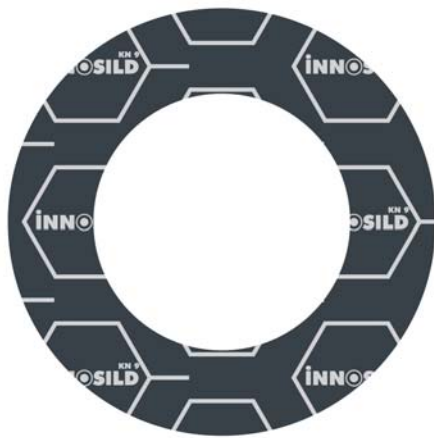
KUKIL KN9 gasket are used in a wide range of media including Saturated Steam, water, Gases, Aliphatic Hydrocarbons, Oils, Gasoline and most refrigerants.

### 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	1.7~1.9g/cm <sup>3</sup>
ASTM F152	Tensile Strength	> 10Mpa
ASTM F36	Compressibility	5~15%
	Recovery	> 55%
ASTM F37	Sealability	
	- ASTM Fuel A	< 1ml/hr
	- Nitrogen	< 1ml/hr
ASTM F38	Creep Relaxation	< 15%
DIN 3535	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 9 gasket is from 125~500AARH