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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.

## SPECIAL PTFE GASKET

*Type ' KSP 1 '*

### Product Reference :

INNOSILD KSP 1

### Description :

INNOSILD KSP 1 components are PTFE with Silica to form PTFE sheet gasket.

Good resistance to Strong acids (except hydrofluoric), steam, solvent, hydrocarbons, water, chlorine and cryogenics.

### Service :

Maximum recommended Temperature : -268 ~ 260°C

Maximum recommended Pressure : 83 Kg/cm<sup>2</sup>

pH Range : 0 ~ 14

### Typical Specifications :



TYPICAL MATERIAL PROPERTIES		
Test Method	Descripton	Specified Value
ASTM D792	Density	2.0~2.3g/cm <sup>3</sup>
ASTM F152	Tensile Strength	18MPa
ASTM F36	Compressibility	5~15%
	Recovery	> 40%
ASTM D149	Dielectric Breakdown Voltage	> 23kV

### Gasket Design Data :

Thickness	Gasket Factor " m "	Min. Design Sealing Stress " y "
1.5t	4.4	2,500 psi
3.0t	3.5	2,000 psi

### Availability :

Gasket Size : Max. Ø5000

Thickness : 1.5mm, 3.0mm, etc.

### Remark :

- The specification of product is written by manufacturer, and it is changed frequently.
- Non-seam work is available only for those whose out-diameter is 1500mm or below.
- The recommended flange surface finish is 125~500AARH