



KUKIL INNTOT CO., LTD.

HEAD OFFICE
 17 Tappeol-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

SPIRAL WOUND GASKET

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.

Product Reference :

K/# OSI , K/# S , K/# SI , K/# OS , K/# LS

Description :

Spiral Wound Gasket is one of the most sought-out semi-metallic gasket. The W-shaped thin metal strip (hoop or strip) is spirally wound with the non-metal filler to offer excellent sealing performance utilizing elasticity of the hoop (strip) and buffer action of the filler.

The combination of hoop(strip), filler and rings can be widely used in applications where resistance to corrosion, heat and chemical is required. Spiral Wound Gasket is an ideal gasket as it offers excellent sealing capacity under extensive temperature and pressure ranges, and enables easy replacement.

It is in good contact with the flange, and can be customized to the flange pressures ensuring wide application under low/high temperatures and pressures.

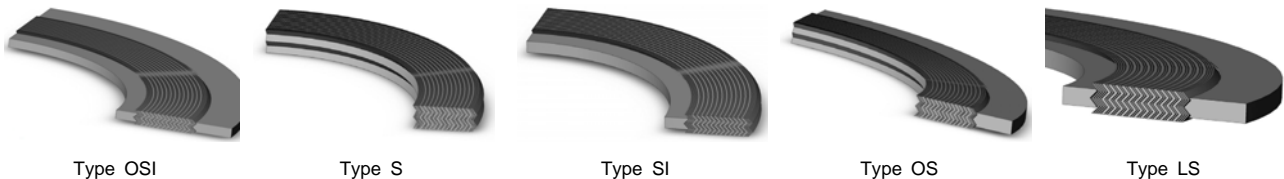
It is widely used in power plant, shipping industry, oil-refinery plant, petrochemical industry and plant facilities as a sealing material.

Service :

Maximum recommended Temperature : -240°C ~ 1000°C

Maximum recommended Pressure : ASME Class 2500 (standard size), 200 Kg/cm² (Non-standard)

Construction :



Typical Physical Properties :

- Outer Ring, Inner Ring, Hoop
: in metallic material such as stainless steel and steel alloy
- Filler

Material	Abbreviation	Max. Temperature [°C]
Non-Asbestos	N.A	250
Polytetrafluoroethylene	PTFE	260
Flexible Graphite	F.G.	450
Mica - Flexible Graphite - Mica	MGM	750
Mica	M	1,000
Ceramic	CER	1,100

Gasket Design Data : ASME Section VIII-Div.1; Spiral Wound Gasket

Type	Gasket Factor "m"	Min. Design Sealing Stress "y"
S, SI, OS, OSI	3.0	10,000 psi
LS	3.0	5,000 psi

Availability :

Gasket Size : up to ∞
 Thickness : 3.2mm / 4.5mm / 6.4mm / 7.2mm / etc

Remarks :

- MESG 85/300 Shell TAT Certification.
- The recommended flange surface finish is 125-250AARH.
- The specification of product is written by manufacturer, and it is changed frequently.