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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.

## ISOLATION KIT KINS-HA

### Product Reference :

K/# KINS-HA

### Description :

**KUKIL KINS-HA** is Insulation Gasket using Teflon. It has insulation material coated on metal and Teflon located in the groove on insulation material, which makes it to be used for vacuum and high pressure. It is used for insulation of flange, giving possibility to use RTJ with raised face flange and for preventing corrosion which might be caused by the contact of different materials. Spring-Energized Seal with force of restitution against Flange load and bolt torque elasticity can be used instead of Teflon.

### Service :

Material	GRE NEMA G-10	GRE NEMA G-11
Max. Temperature	150℃	200℃
Max. Pressure	API Class 10000#	API Class 10000#

### Construction :

Insulating Gasket



- Insulating Material  
GRE NEMA G-10 or G-11 with SS316 / SS316L
- Sealing Material  
- PTFE with Spring-Energized

Insulating Sleeve



- Insulating Material  
- GRE NEMA G-10  
- GRE NEMA G-11  
- Mylar

Insulating Washer



- Insulating Material  
- GRE NEMA G-10  
- GRE NEMA G-11

Metal Washer



- Washer Material  
- Carbon Steel with Zinc Coating  
- Stainless Steel

### Typical Physical Properties :

ASTM	Test Method	Unit	Epoxy Glass NEMA G-10	Epoxy Glass NEMA G-11
D149	Dielectric Strength	KV/mm	24.1~31.5	24
D695	Min. Compressive Strength	psi	50,000	50,000
D570	Water Absorption	%	0.01	0.01
D257	Min. Flexural Strength	psi	65,000	57,700
D638	Min. Tensile Strength	psi	50,000	41,000
D256	Min. IZOD Impact Strength	J/m	700	600
Temperature Range		℃	-129 ~ 150	-46 ~ 200

### Gasket Design Data :

Gasket Factor " m "	Min. Design Sealing Stress " y "
0	7,500 psi

### Availability :

Gasket Size(OD) : Max 1,200mm (Special sizes can be manufactured when you order)  
 Thickness : 7mm

### Remark :

- MESG 85/300 Shell TAT Certification.
- 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 1200mm or below.