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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-LA

Product Reference :

K/# KINS-LA

Description :

KUKIL KINS-LA is Insulation Gasket using semicircular rubber. Semicircular rubber is located in the groove on the gasket so that it functions for vacuum and for covering wide scope of pressure as well. It is used for the insulation of flange and for preventing corrosion which might be caused by the contact of different materials.

Rubber material will be different according to kind of fluid.

Service :

Material	GRE NEMA G-10	GRE NEMA G-11
Max. Temperature	150℃	200℃
Max. Pressure	ASME Class 600#	ASME Class 600#

Construction :

Insulating Gasket



- Insulating Core Material
 - GRE NEMA G-10 or G-11
- Sealing Material
 - Rubber (CR, NBR, etc) ,PTFE

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 :

Sealing Material	Gasket Factor " m "	Min. Design Sealing Stress " y "
Rubber	0.5	0 psi
P.T.F.E	0	7,500 psi

Availability :

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

Thickness : 4.0mm

Remark :

- The specification of product is written by manufacturer, and it is changed frequently.
- Rubber as Sealing material is optional with the customer. (NBR, SBR, CR, EPDM, VITON etc.)
- Non-seam work is available only for those whose out-diameter is 1200mm or below.