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STEEL RUBBER 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/# KSR SERIES

Description :

Steel rubber gasket is an innovative product having excellent sealing ability with low mounting force. Various rubber materials being used, it can be utilized for conveying pipe for drinking water below 250 °C and general chemical fluid.

Steel rubber gasket which is made by inserting metal core inside that keeps gasket shape, is stable in dimension due to metal core and it is effective in preventing leakage after mounting thanks to sufficient mounting surface pressure against internal pressure.

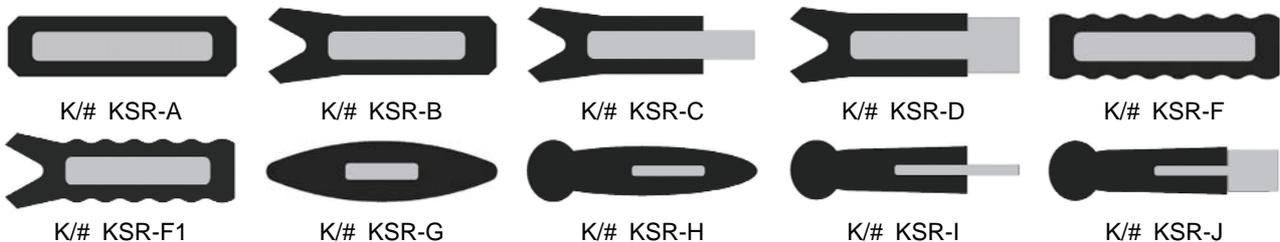
It can be used stably on roughly processed flange sealing surface by applying external rubber and it can be used in non-metallic flange such as plastic flange, glass flange and PVC flange where metal gasket cannot be used because it can have high contact surface pressure with low bolt torque.

Due to application of inner V-shape lip and O-ring type, it has sealing structure of self-energizing effect. Also, it has advantage of reducing cost of user because it can be used for flange of which flatness is distorted and sealing is damaged thanks to characteristic of convex (round) shape of flange contact surface.

Service :

Temperature Range : -70 ~ 250 °C
Pressure Range : ASME CLASS 150LB ~ 2500LB

Construction :



Rubber Material Character :

ASTM CODE	Description	Temperature
NR	Natural Rubber	-50 ~ 70 °C
NBR	Acrylonitrile Butadiene	-40 ~ 120 °C
CR	Neoprene	-40 ~ 120 °C
SBR	Stylene Butadiene	-50 ~ 100 °C
FKM	Fluoro Rubber	-40 ~ 250 °C
Q	Silicone Rubber	-70 ~ 250 °C
EPDM	Ethylene Propylene Diene Terpolymer	-50 ~ 150 °C

Gasket Design Data :

TYPE	Gasket Factor " m "	Design Sealing Stress " y "
A / B / C / G / H / I	1.0	2 ~ 15 MPa
F / F1	1.0	2 ~ 25 MPa
D / J	1.0	12 ~ 250 MPa

Remark :

- The specification of product is written by manufacturer, and it is changed frequently.