CORRIX®
Corrosion Control Gaskets

Protecting your people, product and profit.

Phoenix Sealing has received the prestigious King's Award for Enterprise in Innovation, recognising CORRIX® Corrosion Control Gaskets for their role in protecting people, products and profits across the global oil and gas industry.

CORRIX® I-HP

CORRIX® I-HP gaskets comprise a 316 stainless steel core laminated with high strength glass reinforced epoxy. Two PTFE spring energised face seals, or elastomeric O-rings, are housed within the core. The kits are designed for flange isolation and corrosion control across the full range of pressure applications, and for a variety of media including seawater, oil, and hydrocarbons.

Technical Data

Application

- Dissimilar metal flange connections to mitigate galvanic corrosion.
- High Pressure flow lines / wellheads for isolation.
- Flange isolation in conjunction with cathodic protection systems.
- Raised Face (RF) and Ring Type Joints (RTJ) flanges.
- Mismatch flange assemblies - RF/RTJ.
- Pressure class ANSI B16.5 to 2500lbs; API 6A to 10K.
- Corrosive environments including concentrations of CO^2 and H_2S.
- Recommended flange surface finish of Ra 3.2 to 6.3µm (125 to 250µin).

Availability

Thickness	Gasket 6.6/7.8mm.
Metal Core	SS316/SS316L as standard. Other alloys on request.
GRE Options	G10 & G11.
Seals	PTFE (spring energised) as standard. NBR & FKM on request.
Sleeves	G10 as standard. Mylar & G11 on request.
Washers	HCS as standard. G10, ZPS, Stainless Steel on request.
Standard	ASME B16.5, B16.47 series A & B, API 6A, DIN.

Typical Physical Properties

ASTM	Test Method	G10	G11
D149	Dielectric Strength (VPM)	800	550
D638	Tensile Strength (psi)	40,000	41,000
D695	Compressive Strength	50,000	50,000
D790	Flexural Strength (psi)	55,000	55,000
D732	Shear Strength (psi)	21,000	21,000
D256	Impact Strength (ft-lb/in)	12	10
D570	Water Absorption (%)	0.1	0.1
	Temperature Range	-129 to 150°C	-46 to 200°C

Order now: +44 (0) 1246 209680 | info@phoenixsealing.co.uk | www.phoenixsealing.co.uk

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