CORRIX®
Corrosion Control Gaskets

Protecting your people, product and profit.

PHOENIX SEALING

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-LP

CORRIX® I-LP gaskets comprise a high strength glass reinforced epoxy core with two pressure activated O-ring seals for high integrity sealing at lower pressures. The kits are designed for flange isolation and corrosion control in lower pressure applications, and for a variety of media including seawater, oil, and hydrocarbons.

Technical Data

Application

- Dissimilar metal flange connections to mitigate galvanic corrosion.
- Flange isolation in conjunction with cathodic protection systems.
- Protects against flange face corrosion and flow-induced erosion.
- Raised Face (RF) and Flat Face (FF) flanges.
- Designed for low-pressure service ANSI B16.5 150 to 600lbs.
- High level of tightness even at low bolt loads.
- Recommended flange surface finish of Ra 3.2 to 6.3µm (125 to 250µin).

Availability

Thickness	Gasket 3mm.
GRE Options	G10 & G11.
Seals	PTFE (spring energised) as standard. NBR & FKM on request.
Sleeves	Mylar as standard. G10 & G11 on request.
Washers	G10 as standard. G11 & Mylar on request. ZPS as standard. Stainless Steel on request.
Standard	ASME B16.5, B16.47 series A, B16.47 series B, 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	65,000	65,000
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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