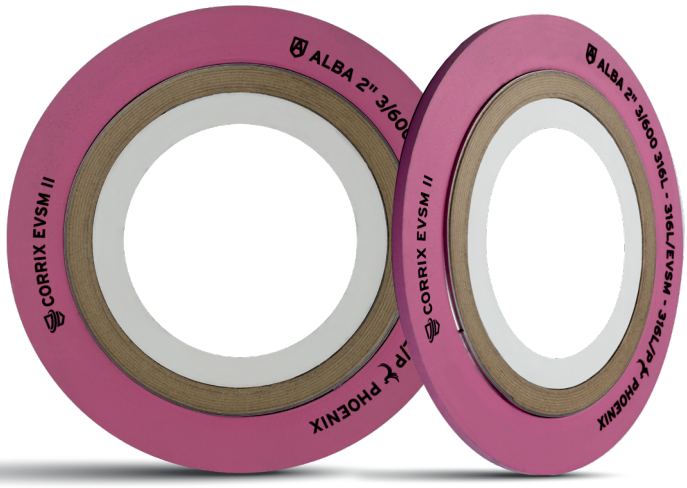
CORRIX®
Corrosion Control Gaskets

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® EVSM II



CORRIX® EVSM II builds on the standard CORRIX® EVSM spiral wound gasket, featuring the same non-conductive EVSM filler, but with the addition of a PTFE-faced metal inner ring, designed to further enhance protection against crevice corrosion.

Technical Data

Application

CORRIX® EVSM II gaskets combine EVSM filler with a PTFE-faced Kammprofile inner ring, creating an inert, non-reactive sealing surface that offers enhanced protection against crevice corrosion. They are particularly suited to aggressive media found in upstream oil and gas environments. The dual-seal design provides improved sealing performance while maintaining fire safety and long-term flange protection.

CORRIX® EVSM II gaskets are available in a variety of metal combinations to suit different operating environments and are compatible with both standard and non-standard flanges, including piping systems, vessels, and equipment.

Typical Filler Physical Properties

Density	g/cm3	1.2 - 1.3
Tensile Strength	MPA	4.35
Leachable Chloride	ppm	<50
Leachable Fluoride	ppm	<50

Temperature Range

-196°C to 260°C.

Flange Surface Finish

The recommended a flange surface finish of Ra 3.2 to 6.3µm (125 to 250µin).

Availability

Design	Name	Application
Outer & Inner Rings	PM-ORIR	Raised & Flat Face Flanges
Outer Ring Only	PM-OR	Raised & Flat Face Flanges
Inner Ring Only	PM-RIR	Male to female flanges
Sealing Element Only	PM-R	Tongue and groove

Max. Pressure Rating ASME B16.5 Class 2500.

Standard ASME B16.20, B16.47 A & B, EN1514-2, BS10, JIS.

MADE IN BRITAIN®

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