



THE FLEXITALLIC GROUP

The Flexitallic Group is the international market leader in the manufacture and supply of high quality, high value industrial static sealing solutions. Flexitallic has 37 manufacturing locations comprised of owned plants and joint ventures and manufacturing licensees in 15 countries to meet world demand.

Flexitallic's varied product offering includes spiral wound gaskets, semi-metallic gaskets, RTJ gaskets, kammprofiles, sheet gaskets, dynamic and static packings. All Flexitallic products are backed by outstanding customer service and technical support.

The Flexitallic Group continues to provide leadership, quality, service and technology to develop sealing solutions for industry around the world.

For more information on the complete range of products visit www.flexitallic.com

START THE FIGHT BACK AGAINST CORROSION TODAY

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OR VISIT WWW.FLANGERESCUEGASKET.COM

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Designed & Produced by www.theaspectgroup.co.uk



FLANGE RESCUE GASKET
corrosion management

Flexitallic

EFFECTIVE INSPECTION

Regular inspections are a crucial tool in any corrosion management system. Sealing issues with corroded flanges have previously discouraged frequent inspection but with the Flexitallic Flange Rescue Gasket (FRG), such concerns are history. Flanges can now be inspected and sealed with certainty, facilitating accurate assessment of pipe condition and appropriate maintenance measures.

The FRG is easy to install; its sealing capabilities remove the need for flange replacement or machining. Its mechanical integrity allows the use of the full range of torque so reducing the risk of operator error and failed repair, contributing to the high HSE standards essential to offshore installations.

A COST SAVING REVOLUTION

Across the compliance spectrum, from health and safety, through environmental issues to incident avoidance, the FRG is a cost saving revolution. This corrosion management tool is both proactive in helping inspection and reactive in enabling repair. By reducing leaks and slowing corrosion the possibility of shut-downs with associated HSE visits are dramatically reduced, as is the huge loss of revenue associated with a stop in production.

Prevention is always better than cure, particularly when it comes to the environmental impact of any incident. The FRG provides the opportunity for more effective maintenance work, reducing the risk of leaks and therefore minimising the impact of the production platform on the surrounding natural environment.

Restructured Sigma® PTFE bonded to a precision machined metallic core providing a leak free seal and blow out resistance.

High visibility, corrosion resistant PTFE coated metallic body with integral bolt holes to aid identification, installation and ensure the sealing elements are correctly located.

Highly compressible Sigma® 606 to conform to flange face corrosion damage, to seal and prevent further deterioration.

FIGHTING CORROSION IN THE OFFSHORE ENVIRONMENT

For Asset Managers and Engineers in the oil and gas industries, the fight against corrosion is a constant battle. Internal corrosion and flanges are responsible for a significant number of hydrocarbon releases* and can have a major impact on operating costs, particularly on older assets.

The FRG has been created in direct response to this problem. Utilising Flexitallic's revolutionary sealing technology, the FRG is capable of adapting to extensively damaged flange sealing surfaces. Full closure of the corroded area prevents further damage, with operators able to open flanges for future inspection and then confidently resume operation using a new FRG. The FRG complies with the strict emissions standard VDI 2440 (TA-Luft).

Creating a new industry standard in the care of flanges and joints, the FRG reduces the potential for hydrocarbon releases due to corrosion and erosion on flange faces. For the first time, operators will have the confidence to fit a gasket on a damaged flange, without the immediate risk of loss of containment.

INSPECT • RESCUE • RESUME

* Source: Offshore Hydrocarbon Releases 2001 - 2008, Research Report RR672, Health and Safety Executive