# **FLANGE RESCUE GASKETS**



Winner of the 2013 **NACE Corrosion** Innovation of the Year Award.





The FRG range of high performance sealing solutions is the latest innovation for challenging, corrosive environments. Developed in direct response to the oil and gas industry's requirement for effective closure on damaged flange faces, with additional corrosion inhibiting properties, it is now helping to mitigate corrosion problems throughout industry.

The fight against corrosion is a constant battle. Internal corrosion and damaged flange faces are responsible for a significant proportion of hydrocarbon releases and can have a major impact on operating costs, particularly on ageing assets.

The FRG can be used to seal on damaged flange faces where previously only very costly or time consuming options existed.

By using the FRG range it helps you to fight the corrosion battle head on.

#### **Benefits**

- · Engineered and Manufactured in the UK
- Significant cost savings
- Speeds up maintenance downtime
- Fire-safe to API 6FB
- Topside/subsea variants
- Bespoke designs available

#### The FRG Product Range:



# Flange Rescue Gasket - Original

- Restricted Sigma® PTFE bonded to high integrity metal core
- · Leak-free seal and blow out resistance
- · Bright & easily identifiable for inspection
- · Corrosion resistant coating.



#### **HF Alkylation**

- Low stress sealing Sigma® a tighter seal
- · Fire-safe graphite faced serrated metal core
- Designed for ease of identification with problematic connections on HF Acid Plants.



# Cryogenic

- · Aluminium core as standard
- · Core material can be adapted to match the flange materials
- PTFE ring performs in temperatures from cryogenic to 260°C.







### Fire Safe

- Thermiculite® high temperature insulating corrosion resistant material
- Certified to API 6FB for fire-safe applications.

#### **High Pressure**

- Stops turbulent media flow to prevent erosion, corrosion and flange degradation
- · Available in Style R Oval, R Octag, RX
- Ideal for topside or sub-sea applications.

# **FRG Subsea**

- · Easy sub-sea installation with integrated removable handle
- Use to connect RTJ & RF flanges.