



Halo Seal FRS Technical Datasheet

Description

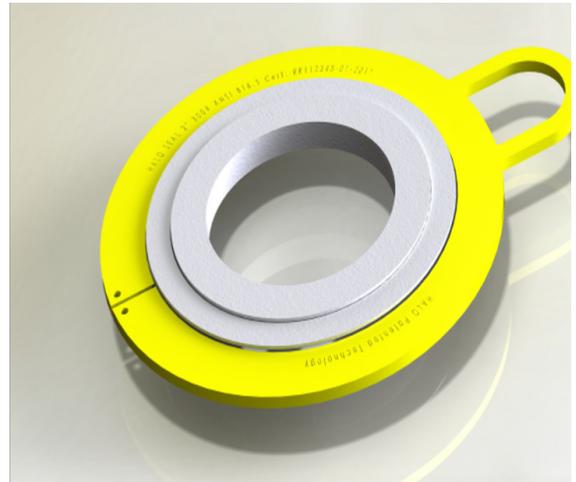
The Halo Seal FRS™ is a uniquely constructed gasket designed to minimise and manage corrosion in new and existing flanges. It comprises a fire safe sealing element, paired with a unique, reusable outer ring, and a compressible PTFE inner ring which is sized to ensure inert, corrosion free service to the bore of the flange.

Application

Uncontrolled corrosion can cause immense damage to unprotected flange joints and faces, causing premature failure or high levels of fugitive emissions, and resulting in a large amount of unwanted cost due to downtime and equipment repair. The Halo Seal FRS™ is a patented corrosion control and maintenance system that offers the opportunity to retrofit a gasket in a corroded or damaged flange without need to replace or re-machine.

Features

- Fire safe sealing element to API 6FB.
- Unique, reusable split guide-ring.
- Specially constructed PTFE insert for sealing corroded flanges, and for preventing corrosion of new flanges.
- Suitable for all pressure classes.
- Can be retrofitted into damaged flanges to provide leak free seal.
- Tabbed outer ring to ensure correct placement of gasket



Availability

Thickness	Primarily seal 4mm /Secondary seal 6.0mm
Metal Core	3mm thick S316/SS316L as standard. Other alloys on request.
Facing	Mica and Graphite as standard. Other facings available on request.
Inner Ring	Soft conformable PTFE Inner Ring
Standards	ASME B16.21, B16.47 series A & B, EN1514-2, BS10, JIS

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