



# AlbaShield Technical Datasheet

## Description

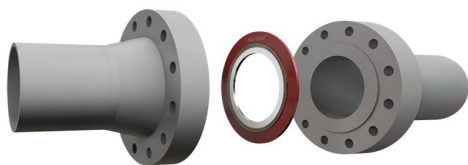
The Phoenix Alba-Shield is a fire-safe spiral wound gasket designed to mitigate flange face corrosion. The gasket comprises a specially configured dual seal spiral sealing element with a PTFE faced metal inner ring. The primary inner gasket ensures inert, non-reactive sealing from the bore of the flange.

## Features

The Phoenix Alba-Shield was created in response to an industry-wide increase in flange face corrosion and its effects. It is designed as a standard pipeline gasket in any grade of raised faced steel flange, and in any application where conventional spiral wounds have been previously used. The Alba-Shield is firesafe as standard, seals tighter to reduce leaks, and performs to a higher level than a conventional spiral wound gasket.

## Application

- Mitigates against corrosion – maintaining flange integrity and protecting flange faces
- Seals on the inner ring – optimising the gaskets geometry
- Cost efficient – reduces maintenance costs
- Extends flange life span
- Maintains high levels of sealing performance in a fire - API 6FB fire test certified
- High performing tandem seal design – maximum performance in sealing tests
- Tried and tested design – long track record in oil and gas
- Temperature range -105°C to +260°C



## Availability

<b>Outer Ring</b>	PTFE coated to prevent external corrosion attack
<b>Element</b>	SS316/Graphite with Mica 4.5mm as standard S31803, S32750, Inc 600 & 625 on request
<b>Inner Ring</b>	PTFE/Kammpro – inert and corrosion resistant
<b>Pressures</b>	ANSI B16.5 Class 150 to 2500lbs
<b>Standard</b>	ASME B16.21, B16.47 series A, B16.47 Series EN1514-2, BS10, JIS Non Standard Configurations and bespoke

## Flange Surface Finish

The recommended a flange surface finish of 3.2 to 6.3µm RA (125 to 200RMS)

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