TO ORDER PLEASE SPECIFY THE FOLLOWING

1. Flange Specification
   (ANSI/ASME, API, MSS SP44, BSI or Din Standard)
2. Nominal Pipe Size, Pressure Rating and Bore Size
3. Operating Pressure, Temperature and Media

OTHER PRODUCTS AVAILABLE

• Standard Isolating Gasket Kits
• Kleerband® Flange Protectors
• Radolid® Nut & Bolt Protector Caps
• Casing Spacers and End Seals
• Innerlynx® Modular Mechanical Seals
• IsoJoint® Monolithic Isolating Joints
• Foreman Nite Caps - temporary pipe plugs
• U-Bolt-Cote® and Atlas Pipe Support® Pads

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REV. 02.2018
WHAT IS INTEGRA SSAXT GASKET KIT & WHY IS IT USED?

The Integra SSAXT flange isolation gasket kit was developed to meet the needs of our customers for a high temperature, cathodic protection gasket in severe service applications. The SSAXT combines the reliability of a Kamm-profile retainer with the temperature capabilities of a highly dielectric mineral seal. This gasket is suitable for use in all services up to and including ANSI 2500# and API 10,000# classes. Isolation Kits are available which include high temperature washers and sleeves.

APPLICATIONS

- Critical High Temperature Applications.
- Flange isolation with true cathodic protection.
- Isolating between flanges of dissimilar metals to prevent galvanic corrosion.
- Wellhead isolation from inter-connected flow lines.
- Mating mismatched dissimilar flanges.
- Protect against corrosion on uncoated or scarred flange faces.
- To seal between flanges subjected to vibration/cavitations.
- Eliminate corrosion from forming in the cavities between RTJ flanges where intense modes of hostile chemicals may be present.

PRESSURE & TEMPERATURE RANGE

<table>
<thead>
<tr>
<th>Operational Pressure Range:</th>
<th>Max Operating Temperature:</th>
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</thead>
<tbody>
<tr>
<td>Full Vacuum to ASME B16.5 2500 lb</td>
<td>800°F (427°C)</td>
</tr>
</tbody>
</table>

APS Integra SSAXT flange isolation kits are designed to withstand operating temperatures which exceed the limits of epoxy/phencolic resin gaskets. They are also made from materials which electrically isolate and cathodically protect flanges and flange components. The engineered mica seals are effective at sealing across a wide range of chemicals, hydrocarbons, and gaseous mixtures, as well as maintaining sealing at elevated temperatures.

PHYSICAL PROPERTIES

Integra SSAXT Gasket

- Gasket Installed Thickness: 0.125" (3.2mm)
- Dielectric Strength (ASTM D149): 635 V/mil (25 kV/mm)
- Mica Seal Maximum Temperature: 1292°F (700°C)
- Outer Retainer Maximum Temperature: 925°F (496°C)
- Mica Seal Tensile Strength: 20,300 psi

Isolation Sleeves

- Filamic Tube Maximum Temperature: 1200°F (650°C) Continuous
- Dielectric Strength: 305 V/mil

Isolation Washers

- Mica Sheet Maximum Temperature: 1022°F (550°C) Continuous
- Dielectric Strength (ASTM D229/A): 631 V/mil (24.61 kV/mm)
- Compressive Strength (ASTM D229/A): 57.5 ksi (397 MPa)
- Water Absorption (ASTM D229/D-24/23): 0.65%

COMPONENTS

Each Integra SSAXT Gasket Isolation Kit Includes:

- Integra SSAXT Isolation Gasket Qty. 1
- Stainless Steel Backing Washers Qty. 2 per flange bolt
- Mica Isolating Washers Qty. 2 per flange bolt
- Mica Isolating Sleeves Qty. 1 per flange bolt

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