

INTEGRA SSAXT

EXTREME TEMPERATURE ISOLATION GASKET



ADVANCE
PRODUCTS & SYSTEMS, LLC

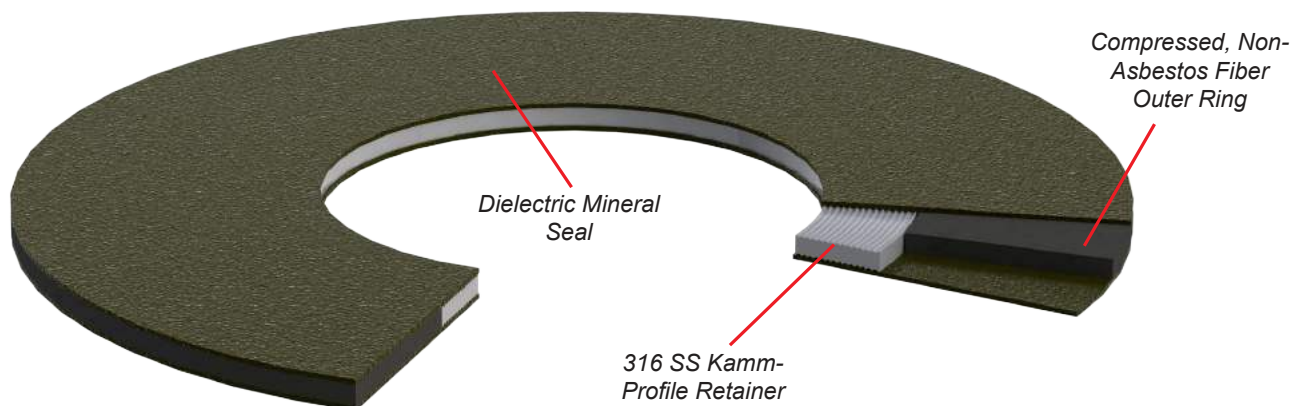
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WHAT IS INTEGRA SSAXT GASKET KIT & WHY IS IT USED?

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.



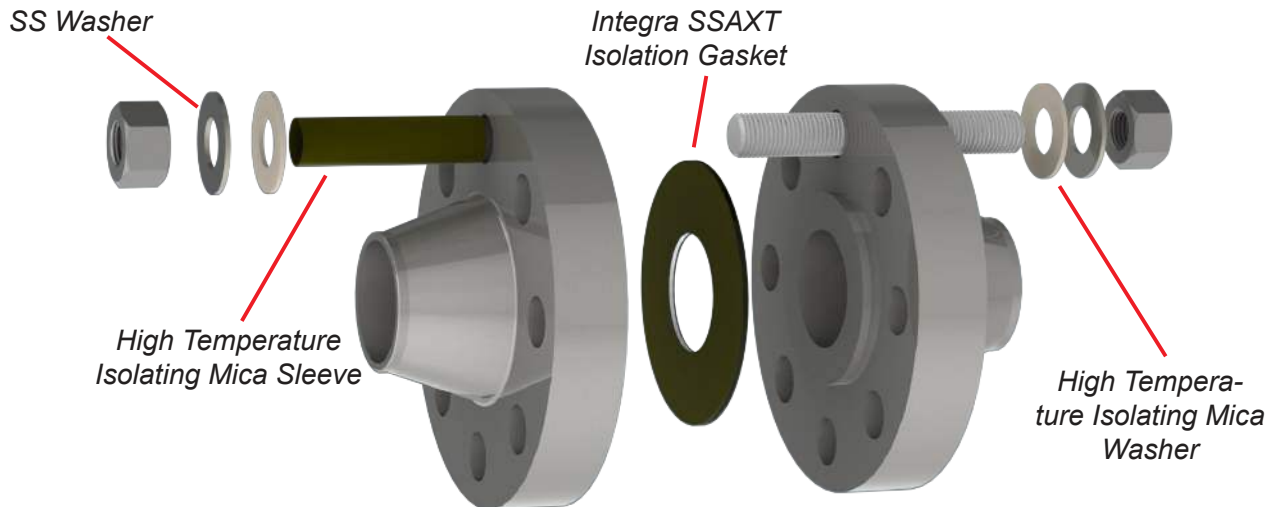
APPLICATIONS

- 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.
- Eliminate turbulence and flow-induced erosion between ring-joint (RTJ) 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

<u>Operational Pressure Range:</u> Full Vacuum to ASME B16.5 2500 lb	<u>Max Operating Temperature:</u> 800°F (427°C)
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APS Integra SSAXT flange isolation kits are designed to withstand operating temperatures which exceed the limits of epoxy/phenolic 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



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
- UBolt-Cote® and Atlas Pipe Support® Pads



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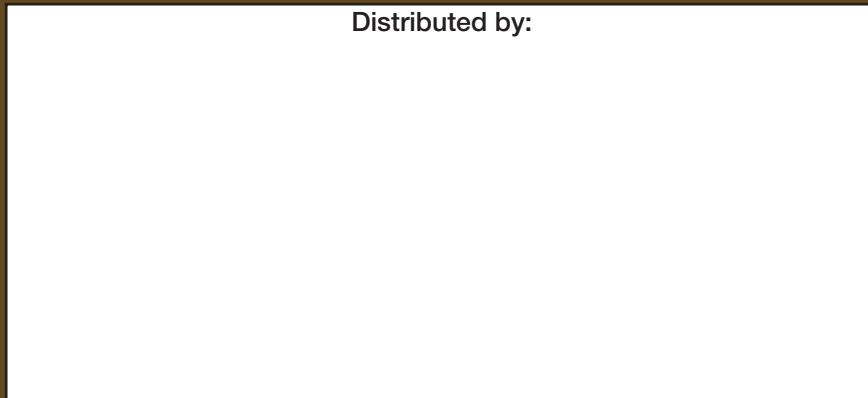
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