

INTEGRA SSAXT®

EXTREME TEMPERATURE ISOLATION GASKET

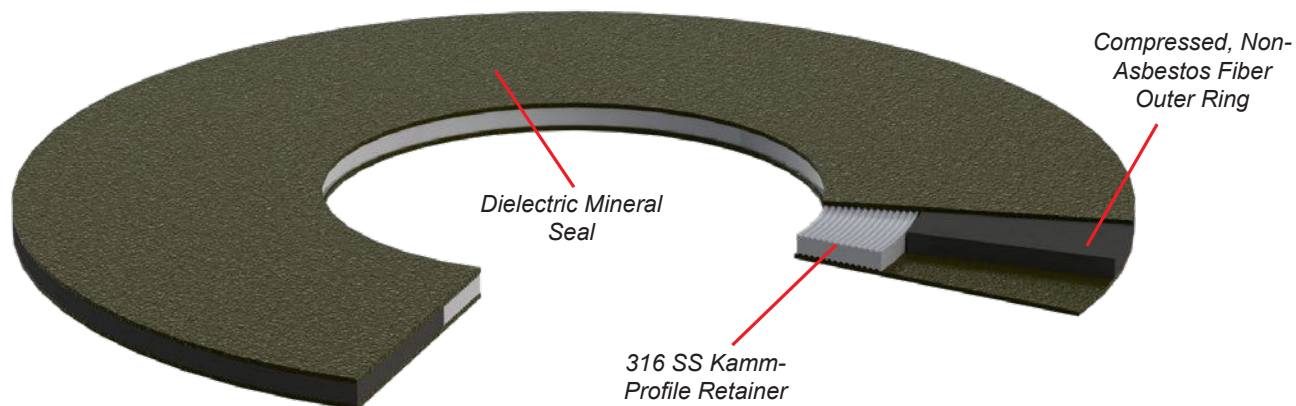


ISO-9001 CERTIFIED COMPANY - FM537405



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

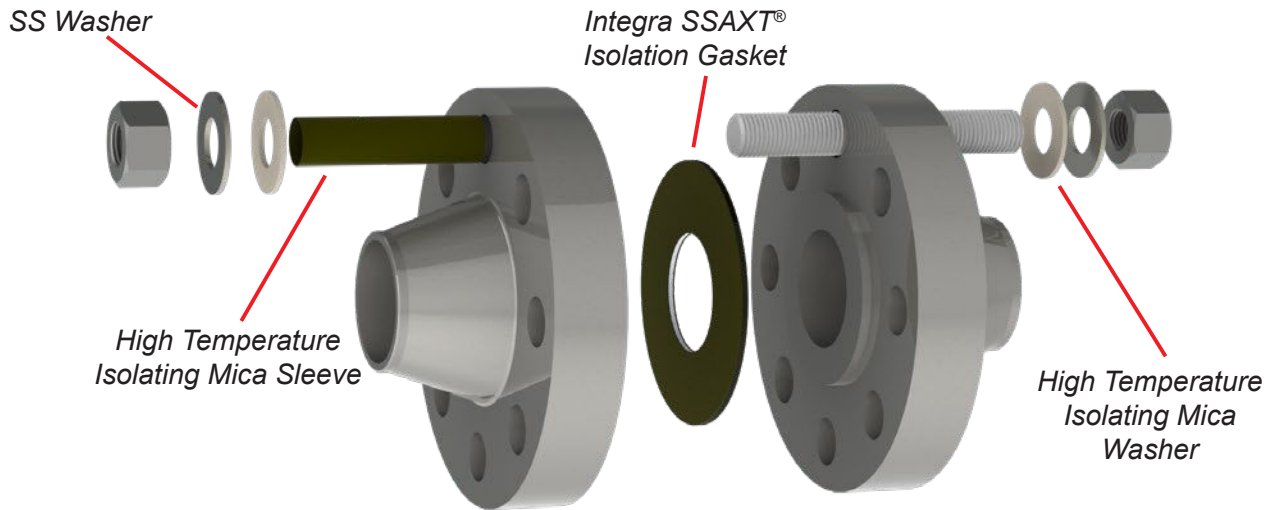
- Critical High Temperature Applications.
- Flange Isolation with true cathodic protection.
- Isolating between flanges of dissimilar metals to prevent galvanic corrosion.
- Wellhead isolation from inter-connected flow lines.
- Mating mismatched dissimilar flanges.
- Eliminate turbulence and flow-induced 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

Operational Pressure Range: Full Vacuum to ASME B16.5 2500 lb
Max Operating Temperature: 800°F (427°C)

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.

EXTREME TEMPERATURE ISOLATION GASKET



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:	2,900 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



ORDER INSTRUCTIONS

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

OTHER PRODUCTS AVAILABLE

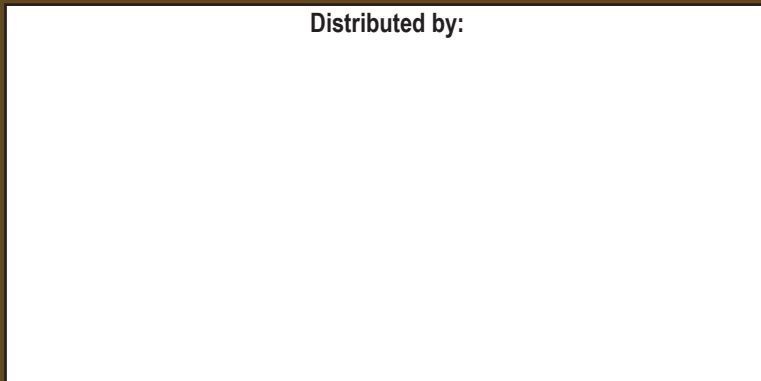
- Flange Isolating Gasket Kits
- Integra® Series Gaskets
- Kleerband® Flange Band Protectors
- Kleergel® Corrosion Inhibiting Grease
- Radolid® Nut & Bolt Protection Caps
- Casing Spacers & End Seals
- ApogeeAero® Roller Casing Spacers
- Bore & Duct Bank Spacers
- Innerlynx® Modular Mechanical Seals
- Wall Sleeves
- Foreman Nite Caps
- UBolt-Cote® & Atlas Pipe Support® Pads
- IsoJoint® Monolithic Isolating Joints
- Safety Spray Shields



PO Box 60399
Lafayette, Louisiana 70596-0399
800-315-6009 • 337-233-6116 • Fax 337-232-3860
E-Mail: sales@apsonline.com • Website: www.apsonline.com



Distributed by:



Advance Products & Systems, LLC is not responsible for errors printed in this brochure.

Advance Products & Systems, LLC shall repair or replace (within the limitations of such applicable express written warranty as may be issued by it) any product or portions thereof, which prove to be defective in workmanship or material for a period of 12 months from shipment date. The foregoing in lieu of all warranties, express or implied, and all other obligations or liabilities on the part of APS, on account of the product which it may sell. In no event shall APS be liable for consequential or special damages: nor except as it may otherwise specifically agree in writing, installation, or other work which may be done upon or in connection with the product by APS/ the distribution / dealer or others. THE LIMITED WARRANTIES PROVIDED IN THIS AGREEMENT AND THE OBLIGATIONS AND LIABILITIES OF APS ARE THE ONLY WARRANTIES MADE BY APS AS TO THE PRODUCT. APS MAKES NO EXPRESS OR OTHER IMPLIED WARRANTIES, BY COURSE OF DEALING, USAGE OF TRADE, MERCHANTABILITY, FITNESS FOR A PARTICULAR USE (WHETHER GENERAL OR SPECIFIC), OR OTHERWISE.

REV 063023