INTEGRA SSAXT

EXTREME TEMPERATURE ISOLATION GASKET

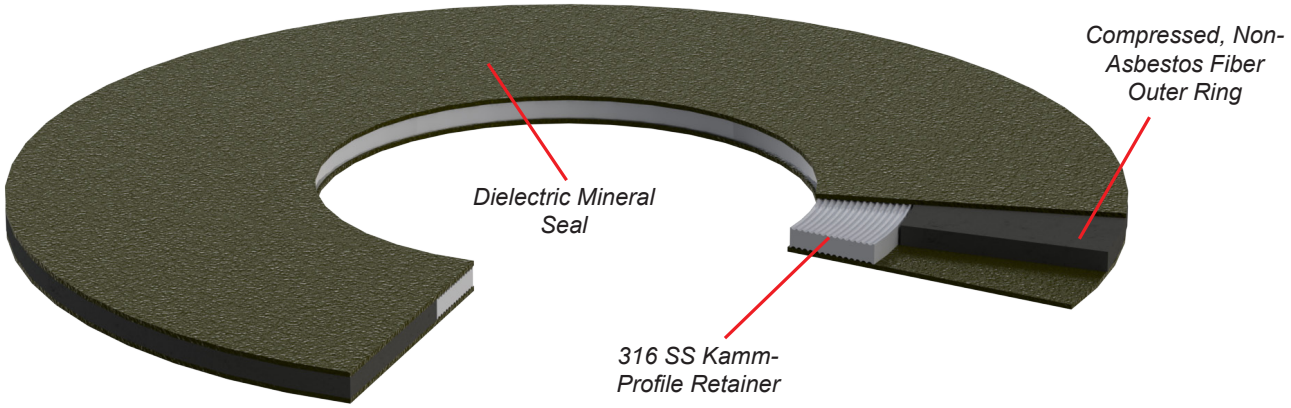
ADVANCE
PRODUCTS & SYSTEMS, LLC

ISO-9001 CERTIFIED COMPANY - FM537405

INTEGRA SSAXT EXTREME TEMPERATURE ISOLATION GASKET

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.



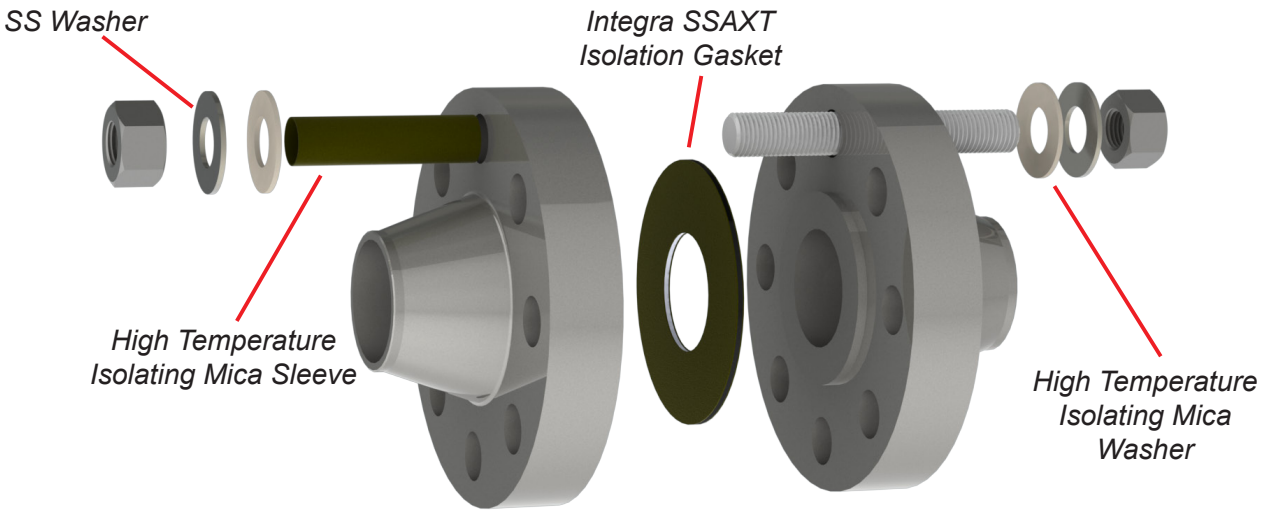
APPLICATIONS

- 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 & TEMPERTURE RANGE

Operational Pressure Range:	Max Operating Temperature:
Full Vacuum to ASME B16.5 2500 lb	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.



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

ADVANCE
PRODUCTS & SYSTEMS, LLC
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

bsi. ISO 9001:2015 Quality Management

CLASSIFIED C UL US

BBB ACCREDITED BUSINESS

Made in USA

Distributed by:

FSS INTER SAS

Calle 15 D Bis # 111 A - 12
Fontibon - Bogotá - Colombia
Cel. 3506894088 - 3213800695
Tel. 571-7523982
info@fssinter.com
www.fssinter.com

7 años de alianza

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. 022018