THE ULTIMATE SEALING GASKET



ADVANCE
PRODUCTS & SYSTEMS, LLC

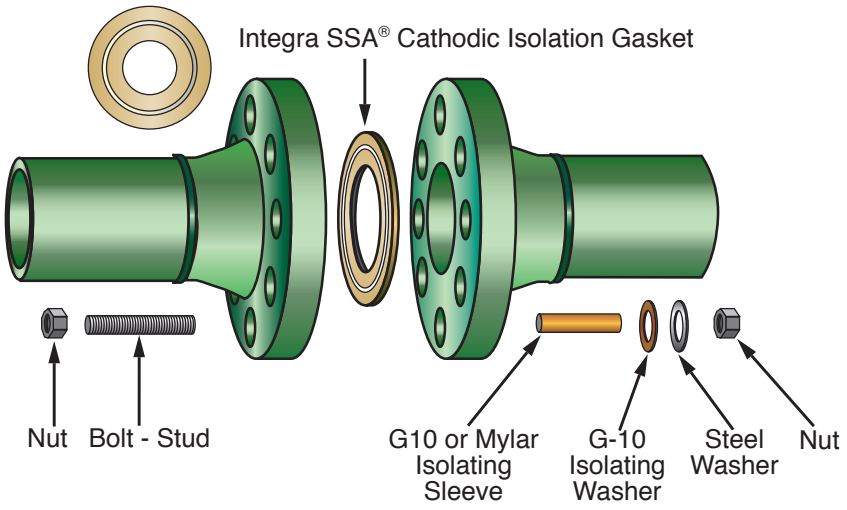
INTEGRA SSA®

CATHODIC ISOLATION GASKETS

Patent Pending

ISO-9001: 2015 Certified Company - FM537405

Integra SSA® Cathodic Isolation Gaskets



The Integra SSA® cathodic isolation gasket is manufactured from proprietary G-FORCE 2000®, a special glass epoxy material with high compression strength.

Integra SSA® gaskets are manufactured to accommodate RTJ, full and raised face flanges. All kit components include either G-10 or Mylar sleeves and G-10 isolating washers when Integra SSA® gaskets are installed.

Severe Service Cathodic Isolation

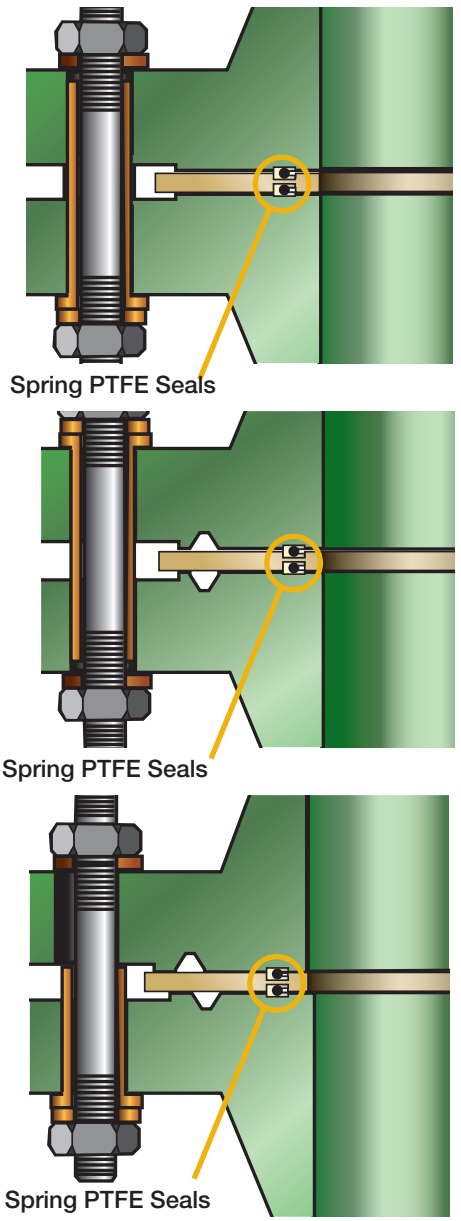
When used with isolating sleeves and washers, the Integra SSA® is effective in eliminating electrical conductivity and also in preventing corrosion that results from contact between two dissimilar metals.

Spring Energized PTFE Sealing Characteristics

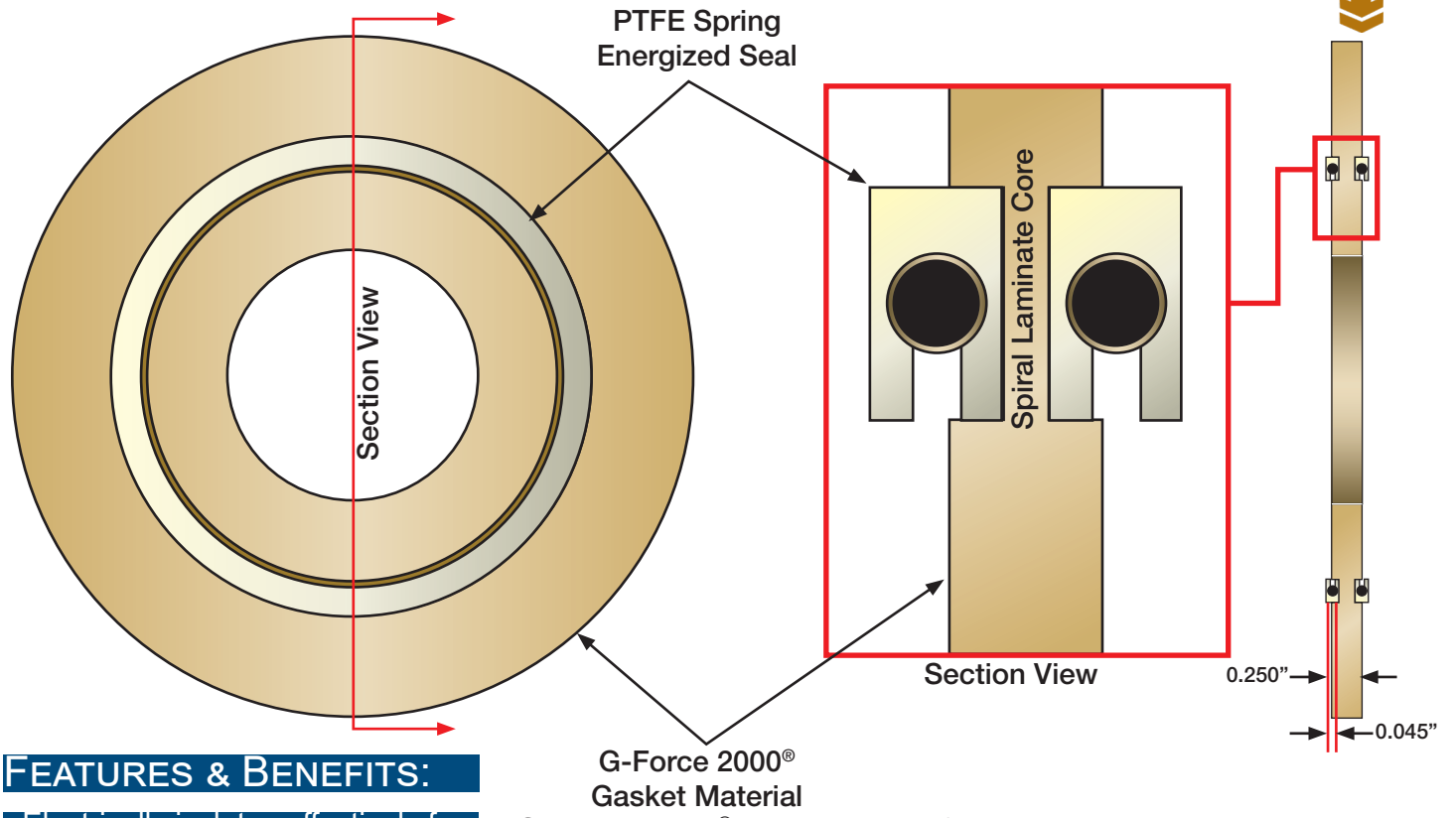
The strength and reliability of the Integra SSA® makes it a perfect replacement for a missing or faulty RTJ gasket.

Versatility

Mismatched and misaligned flanges are easily sealed with the Integra SSA®.



Integra SSA® Cathodic Isolation Gaskets



Features & Benefits:

- Electrically isolates effectively for all pipeline and piping applications
- Ensures a stringent seal in volatile applications
- ANSI 150# up to API 10,000# ratings
- The gasket is designed for severe pressure and temperature applications
- Composition is of proprietary G-Force 2000® material with a compressive strength of 91,000 PSI
- 316 stainless steel spring-fortified PTFE seal uses a glass reinforced PTFE with low cold flow characteristics, also available in Viton
- The gaskets are constructed from an extremely high compressive strength material formulated for high temperatures. Integra SSA® gaskets are manufactured in 1/4 inch thick material.

G-Force 2000® material is a flat epoxy laminate woven glass material. The continuous operating temperature is 400° F, 204° C in mechanical applications. This material meets NEMA Fiberglass and MIL-1-24768/3, Type GEB. Material Tested: 0.250 thickness.

Typical Properties

General Physical Properties	Units	Value
Rockwell Hardness (.250)	M Scale	114
Moisture Absorption (.250)	%	0.10
Flexural Strength	psi	80,000
Tensile Strength LW	psi	61,000
Compressive Strength flatwise (.250”)	psi	91,000
Maximum Operating Temperature	°C °F	204° 400°

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
8. Isolating Sleeve Material
9. Isolating Washer Material
10. Metal Washer Material (SS/Zinc Steel)

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

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

BBB ACCREDITED BUSINESS

Made in USA

Distribuido por:

FSS INTER S.A.S.
Cra 55 # 17 - 68
Puente Aranda - Bogotá D.C. - Colombia
Cel. 350 6894088 - 3011260413
asesor1@fssinter.com
www.fssinter.com
14 años de alianza - Distribuidores Exclusivos

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 070323