

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

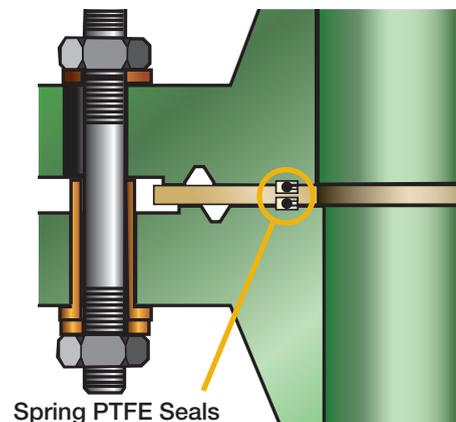
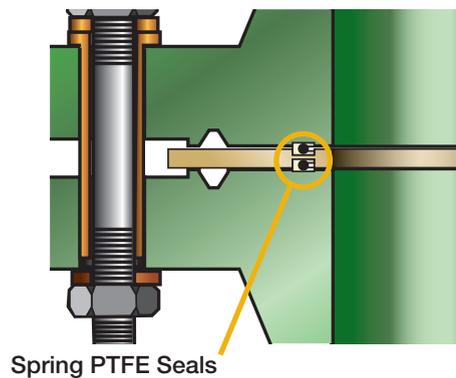
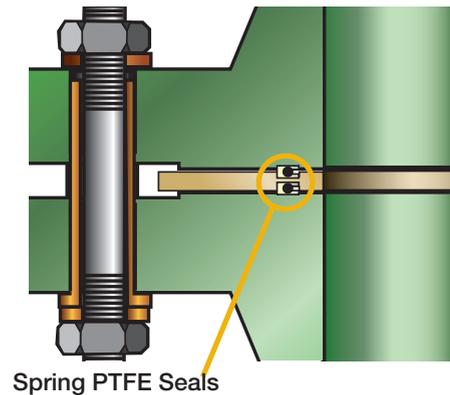
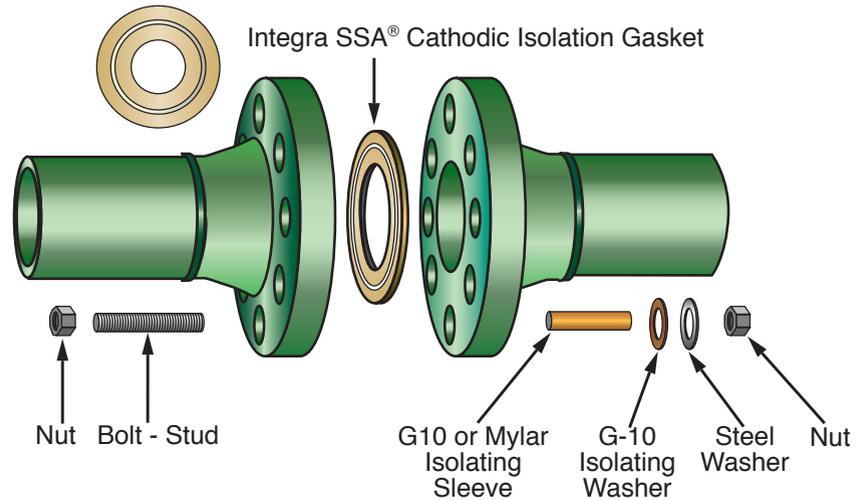
When used with isolating sleeves and washers, the Integra SSA[®] is effective in eliminating electrical conductivity and also in preventing corrosion that results from contact between two dissimilar metals.

SPRING ENERGIZED PTFE SEALING CHARACTERISTICS

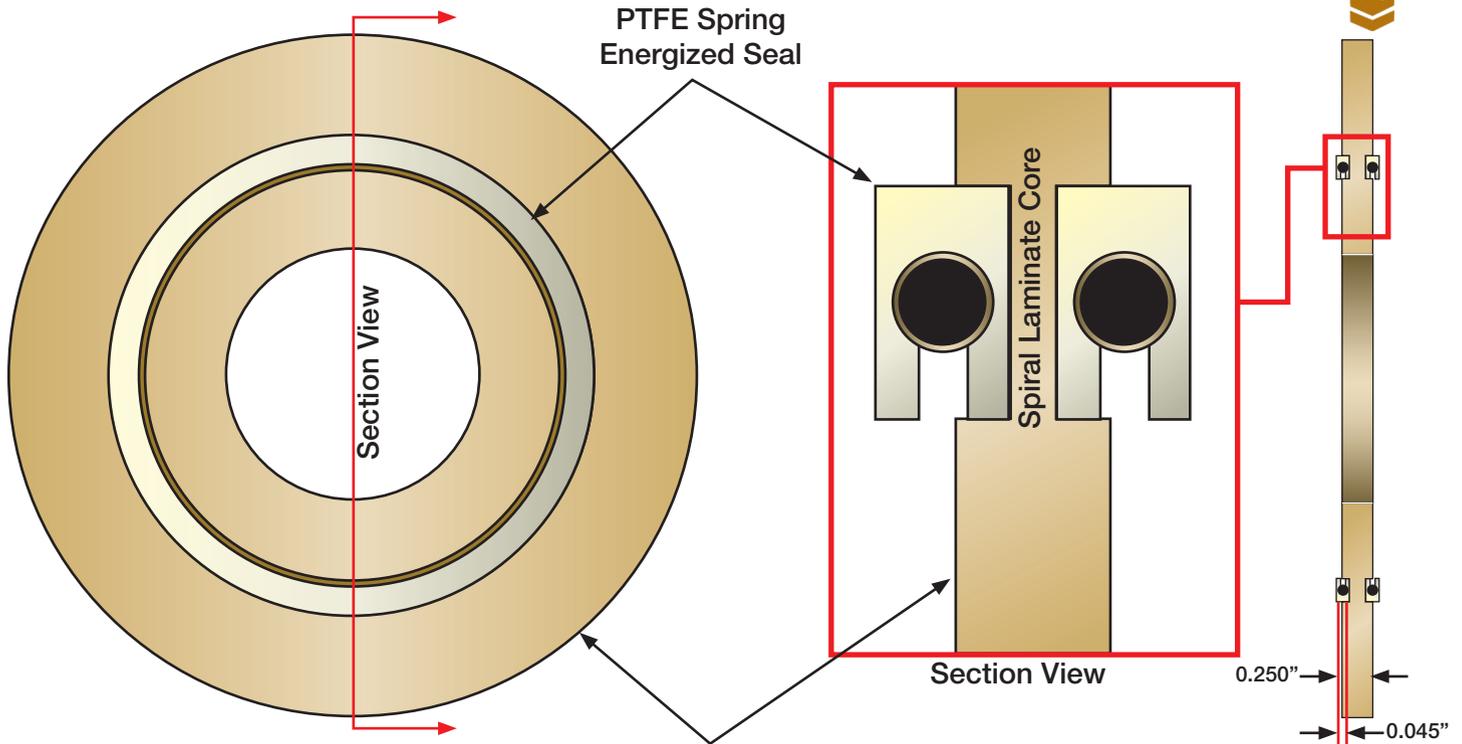
The strength and reliability of the Integra SSA[®] makes it a perfect replacement for a missing or faulty RTJ gasket.

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® Gasket 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	204°
	°F	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

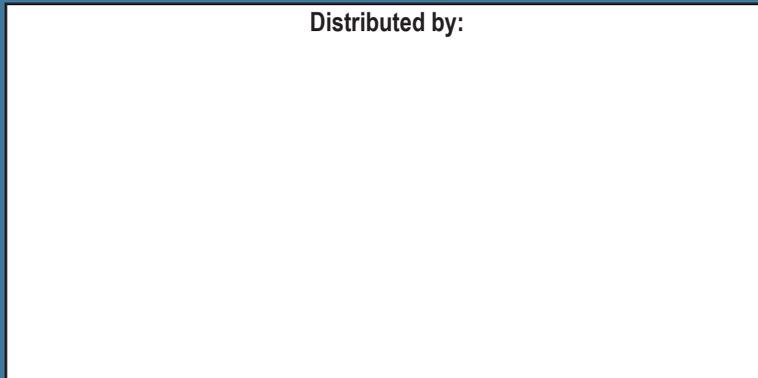
- Flange Isolating Gasket Kits
- Integra® Series Gaskets
- Kleerband® Flange Band Protectors
- Kleergel® Corrosion Inhibiting Grease
- Radolid® Nut & Bolt Protection Caps
- Casing Spacers & End Seals
- ApogeeAero® Roller Casing Spacers
- Bore & Duct Bank Spacers
- Innerlynx® Modular Mechanical Seals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



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



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