

WHAT IS INTEGRA SSAHS® GASKET KIT & WHY IS IT USED?

The isolating kit was created to meet the high demands of our customers for a cathodic protection gasket in applications where aggressive chemicals, including hydrogen sulfide and dry and liquid chlorine, are used. The SSAHS® combines the reliability of a stainless steel Kamm-profile ring with a non-asbestos compressed outer retainer ring and hydrogen sulfide-resistant PTFE-based seals on both sides of the gasket.

This gasket is suitable for all severe services applications up to and including ANSI 2500# and API 10,000# classes. Isolation Kits are available with various sleeve and washer options depending on your application. Isolation Kits include an Integra SSAHS® isolating gasket, isolating sleeves, and isolating washers with 316 stainless steel backup washers.

APPLICATIONS

- Suitable for use with aggressive chemicals (e.g.: hydrogen sulfide, dry chlorine).
- 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

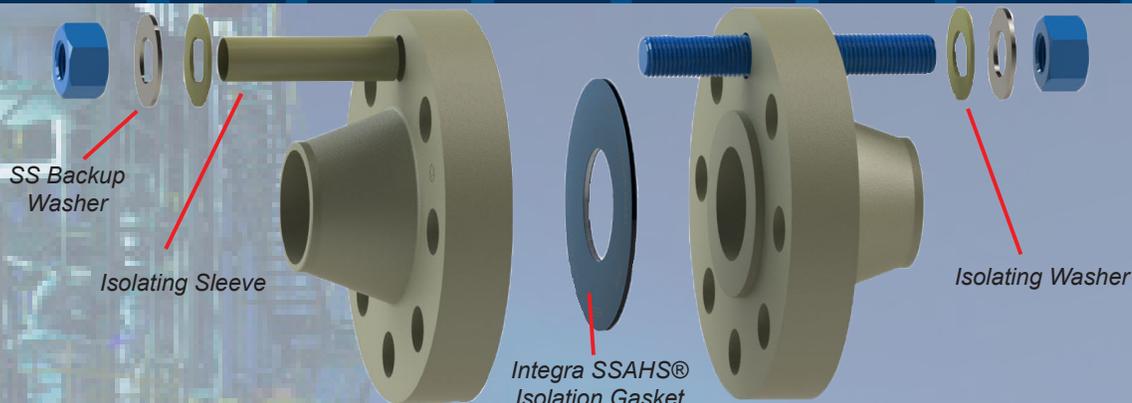
Operational Pressure Range: Full Vacuum to ASME B16.5 2500 lb
Max Operating Temperature: Variable Depending on Washers/Sleeves

APS Integra SSAHS® flange isolation kits are made from materials which electrically isolate and cathodically protect flanges and flange components. Unlike glass reinforced epoxy resin isolation gaskets, the SSAHS® gasket is designed for applications where aggressive chemicals are used. The gaskets are effective at sealing across a wide range of chemicals, hydrocarbons, and gaseous mixtures, as well as maintaining sealing at elevated temperatures.



**FOR MORE INFORMATION
PLEASE CONTACT US
1-800-315-6009**





PHYSICAL PROPERTIES

Integra SSAHS® Gasket

Gasket Installed Thickness:	0.125" (3.2mm)
Dielectric Strength (ASTM D149):	406 V/mil (16 kV/mm)
Nitrogen Sealability (ASTM F37):	0.02 mL/hr
Compressibility (ASTM F36):	8 - 16%
Recovery (ASTM F36):	40%
Seal Temperature Range:	-350°F to 520°F (-212°C to 271°C)

Isolation Sleeves

Standard Materials:	G10, G11, Mylar, Nomex
Other Materials Available Upon Request	

Isolation Washers

Standard Materials:	G10, G11, G7
Other Materials Available Upon Request	

COMPONENTS

Each Integra SSAHS Gasket Isolation Kit Includes:

- Integra SSAHS® Isolation Gasket Qty. 1
- Stainless Steel Backing Washers Qty. 2 per flange bolt
- Isolating Washers Qty. 2 per flange bolt
- Isolating Sleeves Qty. 1 per flange bolt

Dielectric Mineral Seal

316 SS Kamm-Profile Retainer
(also available in Duplex, 625 Alloy, & 825 Alloy)

Compressed, Non-Asbestos Fiber Outer Ring

HOW TO ORDER

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



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