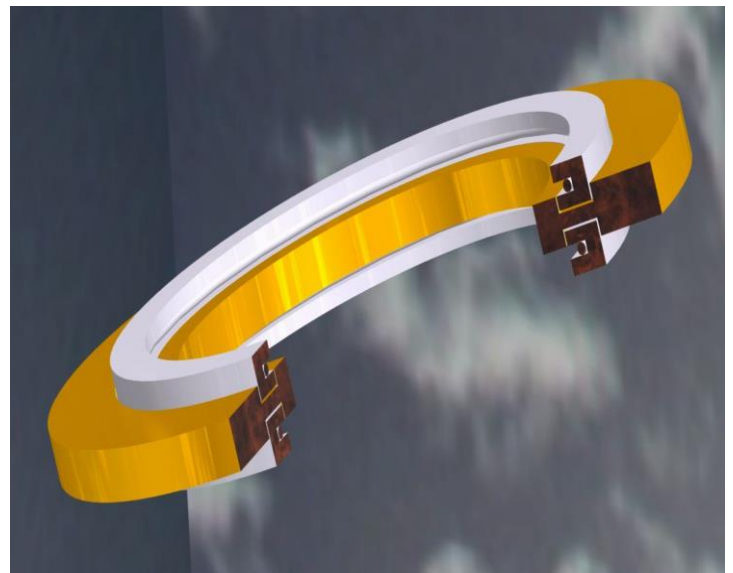
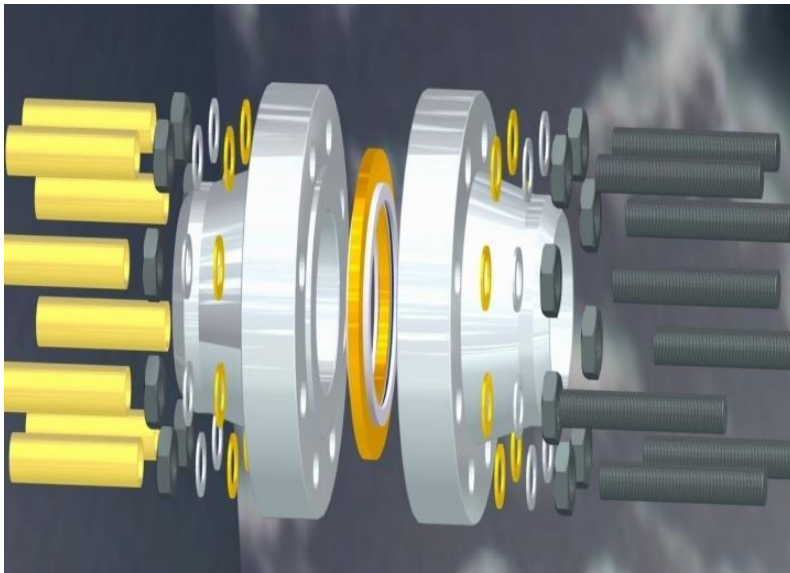


## INTRODUCTION: Flange Isolation Kits Type F

Flange Insulation Gasket Kits are designed for preventing electrical conductivity between the flanges. The kit consists of one centrally located Insulating Gasket, one full length insulating sleeve per bolt, two insulating washer per bolt and two metal washer per bolt. They are commonly used as an insulator between dissimilar metal flanges as corrosion protection. These Insulating kits are used to isolate electrically one section of pipes in cathodic protection systems, to preventing the flow of stray current along the pipelines.

### TYPES OF INSULATING GASKET KIT:

#### HIGH PRESSURE INSULATION SEAL WITHOUT METAL CORE – RAISED FACE



**Flange Isolation Kits:** Flange isolation kits are available for all flange sizes, types, pressure ratings and materials. Each kit is individually and securely packed in a reinforced corrugated cardboard box, which is clearly labeled as to its contents for convenience in warehousing and field use. Very large diameter gaskets are packaged separately from the sleeves and washers for convenience in storing and handling.

## TECHNICAL DATA SHEET

**Sleeves and Washers:** Sleeves and washers are enclosed in a strong polyethylene bag to eliminate any possibility of loss. Tightening sequence shall be maintained for tightening bolts.

**High Pressure Seal Gasket:** It has been designed to operate in very critical service applications. The gasket is suitable for use in Full Face and IBC for RF and Flat Face flanges. It has universally acclaimed excellent dielectric properties and superior sealing characteristics. The gasket is suitable for all pressure ratings including ASME B16.5, ASME B16.47, API 6B and API 6BX flanges up to 20,000 PSI.

FLANGE TYPE	CLASS	FLANGE SIZE	GASKET STANDARD
ASME/ANSI B16.5	150 to 600 PSI	0.5" to 24"	Dimensions matching to ASME B16.5 Flanges.
ASME B16.47 series A & Series B	150 to 600 PSI	26" to 60"	Dimensions matching to ASME B16.47 Series A & B Flanges.
ASME B16.5	900 to 2500 PSI	0.5" to 24"	Dimensions matching to ASME B16.5 Flanges.
API 6B & 6BX	720 to 20000 PSI	1.5" to 30"	Dimensions matching to API 6B & API 6BX Flanges.
Non-Standard			All types and sizes

### GASKET TYPE & MATERIALS:

GRE ( G 10) core with Spring energized PTFE seal	High Pressure Insulation seal for all sizes
Zinc Plated CS Washer	Washer Corrosion protection coating

### SLEEVE MATERIALS:

G 10	Available as per the requirement
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\* High tensile fasteners are available with insulation kit gasket on request with or without Hot Dip Galvanized.