



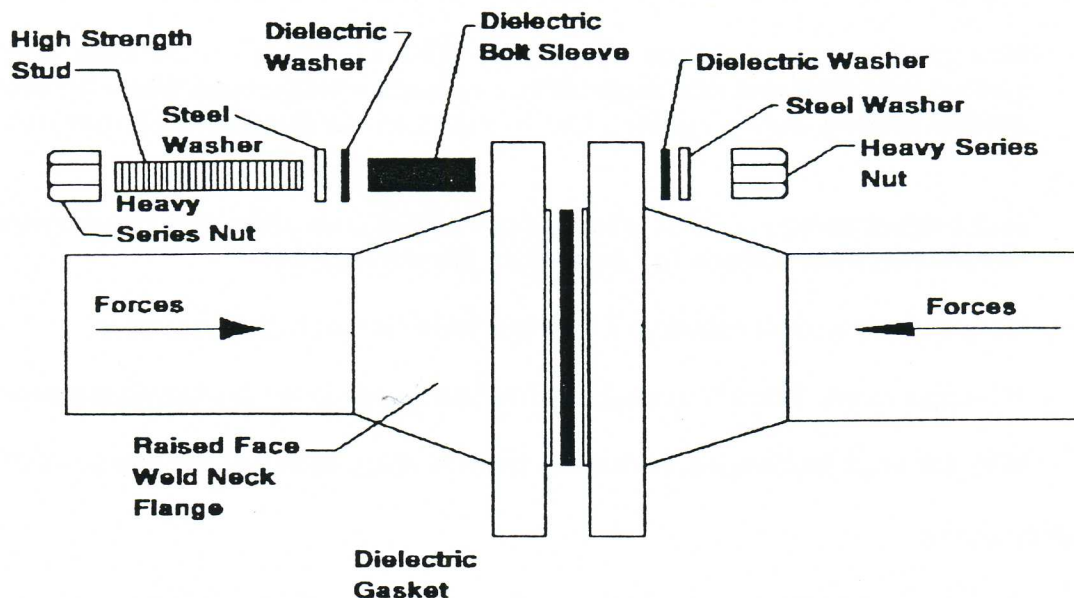
# STUART

## PRODUCT DATA

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## Flange Insulation Kits

**SPECIAL EXPANDED PTFE GASKET FOR HIGH TEMPERATURE STEAM AND HOT WATER APPLICATIONS, 450 DEG. F. AND LOWER. RAISED FACE RING GASKETS ARE STANDARD. FULL FACED GASKETS, AND FLANGE BOLTS AND NUTS CAN BE FURNISHED UPON REQUEST.**



FLANGES, BOLTS, AND NUTS NOT INCLUDED

### PRODUCT DESCRIPTION

- ▶ FLANGE KITS ARE AVAILABLE IN 150#, 300#, AND 600# CLASS SIZES
- ▶ ALL FLANGE INSULATION KITS INCLUDE A DURABLE NEW TECHNOLOGY COMPOSITE TEFLON® RING GASKET THAT IS RATED AT 500 DEG. F.,
- ▶ A 1/32 IN. THICK NOMEX PAPER TUBE SLEEVE FOR EACH BOLT,
- ▶ A COMPLETE SET OF 1/8 IN. DOUBLE G-7 AND STEEL WASHERS,
- ▶ INSTRUCTION SHEETS FOR PROPER KIT INSTALLATION.

Call or FAX for Prices and Delivery

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## **Expanded PTFE Gaskets**

### **Advantages:**

- \* **Operating temperature range: Maximum Temperature 500 Deg. F.  
Maximum Pressure 2000 PSIG  
(Operating temperature and pressure may not be compatible at the same time)**
- \* **Suitable for cryogenic environments (-321 Deg.F)**
- \* **Highly compressible. Manufactures torque chart accompanies each kit.**
- \* **Has good creep resistance. Standard PTFE is subject to cold flow. Expanded PTFE resists cold flow and has high torque retention properties. Memory flexibility resists leaking during cycling. Conforms to minor flange face imperfections.**
- \* **Not subject to aging. Not affected by normal environmental conditions. Follow installation instructions for maximum life expectancy.**
- \* **Very wide chemical resistance range. Inert to most all chemicals**
- \* **FDA approved. Does not support bacterial growth or contaminate product in pipe.**
- \* **Will not stick to flanges. Releases from surface allowing for low cost maintenance.**

### **Applications:**

- |   |   |
|---|---|
| * <b>Cathodic protection electrical isolation flange kits</b> | * <b>Electrical isolation between dissimilar metal flanges.</b> |
| * <b>Fiberglass reinforced flange connections.</b>            | * <b>Food process flange connections.</b>                       |
| * <b>Cryogenic flange connections.</b>                        | * <b>Steam Vessel Flanges</b>                                   |
| * <b>Heat Exchanger flanges with dissimilar metals.</b>       |   |