



## Gasket Insulating Sets

### Technical Details

Component		1	2	3	4	5	6
Dielectric Strength	Volts/Mil.	500	200	400/500	140	4000	1500
Compressive Strength	N/mm <sup>2</sup>	250	250	-	-	-	180
Flexural Strength	N/mm <sup>2</sup>	150	150	-	-	-	-
Water Absorption	%	1.6	1.0	0.01	1.0	0.8	10.6
Max. Operating Temperature	°C	107	107	66	107	180	300

Component Key	Material
1 • Type E and F Central Gasket	• 3.2 mm Neoprene faced phenolic
2 • Insulating Washer	• 3.2 mm Reinforced phenolic
3 • Insulating Sleeve	• 3.2 mm Polyethylene
4 • Insulating Sleeve	• 3.2 mm Phenolic
5 • Insulating Sleeve	• 3.2 mm Mylar
6 • Type E and F Central Gasket	• 3.0 mm Compressed Non-Asbestos - KLINGERSil C4430
	• 3.0 mm Steel Zinc plated with clear passivate

#### What are they?

- Designed to minimise the effects of electro chemical erosion.
  - Used to isolate sections of pipework.
  - Made from materials with high dielectric strength.
  - Each set comprises of:
    - One central flat or oval section gasket.
    - One insulating sleeve per bolt.
    - Two insulating and two plated steel washers per bolt.
- Individually packed and clearly labelled with the flange rating, size, type and material combination.
- Manufactured to suit flanged joints to ANSI, BS, DIN and customer designs.

#### Further Protection

It is recommended that PVC tape be wrapped around the outside of the flange to prevent the ingress of conductive matter.

#### Ordering Information

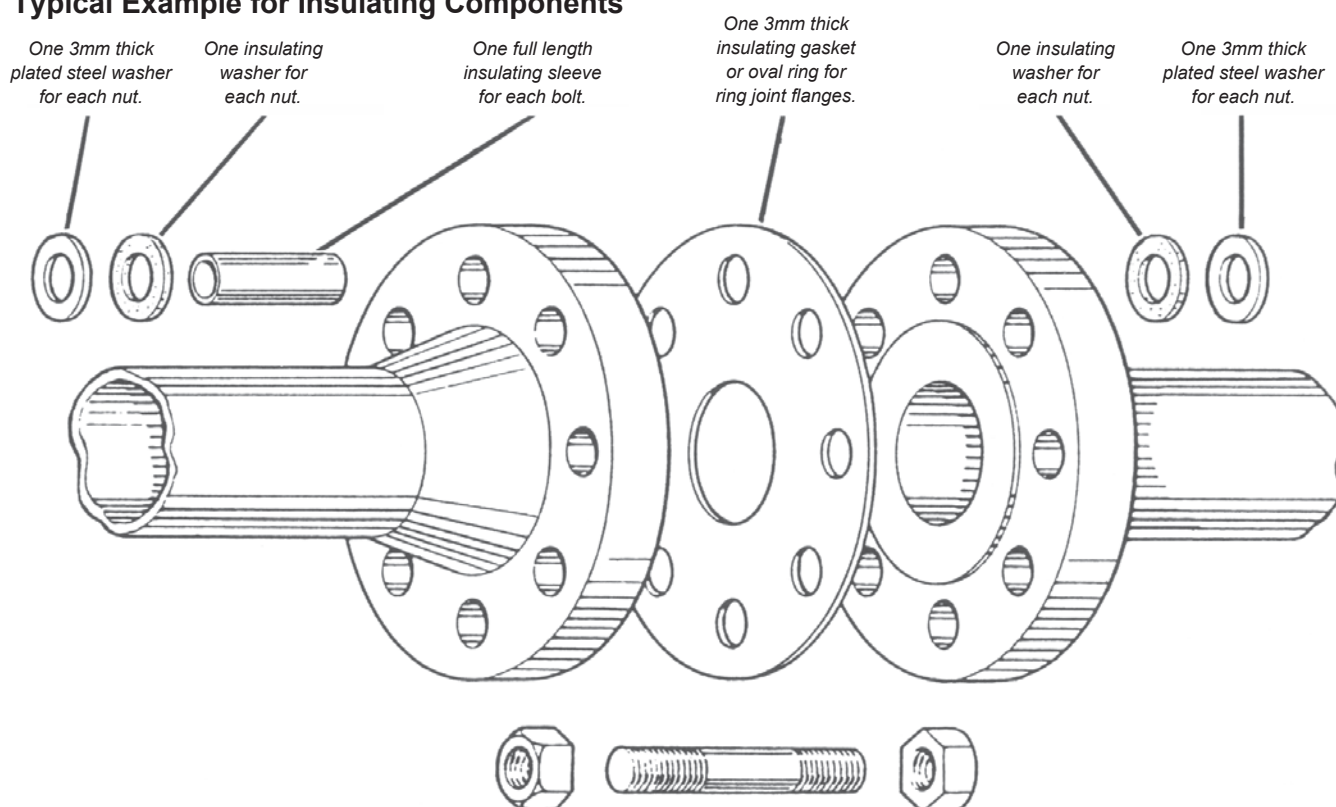
When ordering please submit the following details:

- Flange pressure class and standard.
- Nominal pipe size.
- Type E, F or D central gasket.
- Type of insulating material required for central gasket and sleeves.

#### Our Product Range

- "Maxiflex" Spiral Wound Gaskets
- Heat Exchanger Gaskets
- Solid Metal Gaskets
- Ring Joint Gaskets
- Soft Gaskets
- Gasket Jointing
- PTFE Products
- Fluid Control Products

### Typical Example for Insulating Components

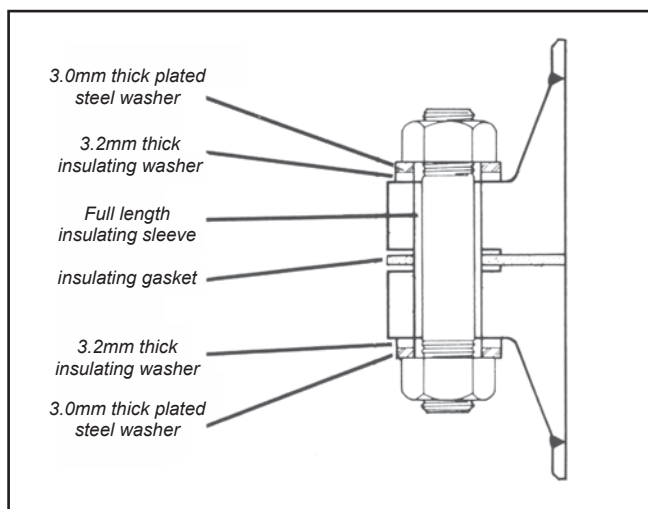


## Insulating Gasket Sets

### Insulating Range

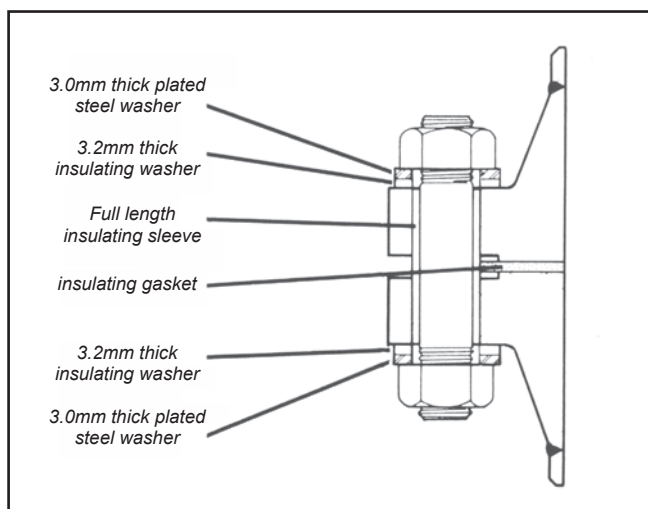
#### Type E Full Face

- Full face gasket.
- **Materials:**
  - 3.2mm. thick neoprene faced phenolic\*. or KLINGERSil C4430 (3.0mm).
- Insulating sleeve, polyethylene, phenolic or mylar.
- Insulating washer, reinforced phenolic.



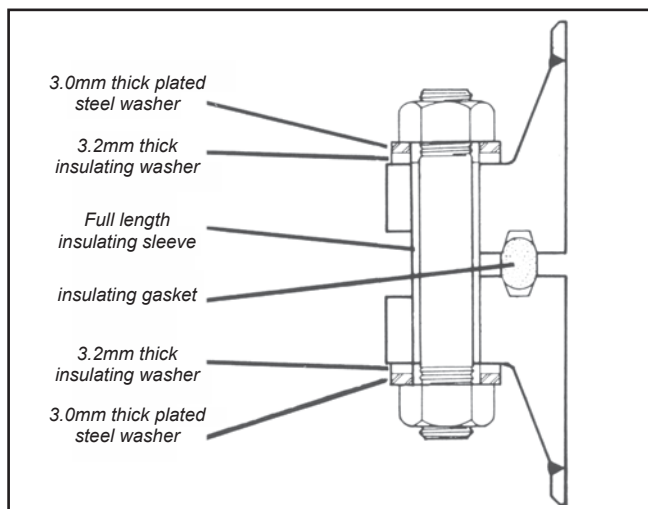
#### Type F Raised Face

- Inner bolt circle flat gasket.
- **Materials:**
  - 3.2mm. thick neoprene faced reinforced phenolic\*. or KLINGERSil C4430 (3.0mm).
- Insulating sleeve, polyethylene, phenolic or mylar.
- Insulating washer, reinforced phenolic.



#### Type D Ring Groove

- Oval central gasket.
- Used on ring-joint flanges.
- Only available in reinforced phenolic.
- Insulating sleeve, polyethylene, phenolic or mylar.
- Insulating washer reinforced phenolic.



\* Unless otherwise specified, this gasket material will be supplied.

