<table>
<thead>
<tr>
<th>Medium</th>
<th>Retainer</th>
<th>Seal</th>
<th>Sleeve</th>
<th>Washer</th>
<th>Temp. Range F</th>
<th>Temp. Range C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neoprene</td>
<td>EP-1</td>
<td>Neoprene</td>
<td>Neoprene</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Nitrile</td>
<td>EP-1</td>
<td>Nitrile</td>
<td>Nitrile</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Silicone</td>
<td>EP-1</td>
<td>Silicone</td>
<td>Silicone</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Viton</td>
<td>EP-1</td>
<td>Viton</td>
<td>Viton</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Teflon</td>
<td>EP-1</td>
<td>Teflon</td>
<td>Teflon</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Rubber</td>
<td>EP-1</td>
<td>Rubber</td>
<td>Rubber</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>EP-1</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>EP-1</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>EP-1</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>EP-3</td>
<td>300 ± 100</td>
<td>150 ± 100</td>
</tr>
</tbody>
</table>

**Important Note:**

The foregoing performance data are intended as guidelines only. The user should determine performance suitability for any specific applications. Variation in temperature, pressure, and concentration of mixtures acting synergistically may preclude suggested service use.

For pipe diameters over 24" or ANSI Class pressure rating of 600# or greater, use EP-3 sleeves and EP-3 washers where temp and other conditions permit. Material selection is the sole risk of the user.
Nuseal Insulating Gasket Kit

Flange insulated gasket kits isolate and block the flow of electric current and also seals the system from leakages. Flange the most common trouble area needed to be sealed to prevent the leakages of carrier system and also prevents the leakage of current, which causes undue corrosion and electric break down of metal.

Nupros Inc. manufactures and supply quality insulating gasket products, which can provide sealing, isolation and insulation saving integrity of pipeline. Nupros Inc. Manufacturers Various Types of Insulated Gaskets

Full Faced / Type E Gaskets:
These gaskets are with some dimension with precise cut bolt dia and PCD. This facilities proper alignment of gaskets during installation.
These full faced gaskets is available in phenolic, Nema G10 / 11 in combination of PTFE, VITON, NEOPRENE, NITRILE sealing rings.
Manufacturing Ranges: 1/2” - 144”

Raised Faced / Type F Gaskets:
These gaskets are made to fit in raised face portion of flange. These can be used in raised face or full face flanges. These is available in same material as TYPE-E, with combination of PTFE, VITON, NEOPRENE, NITRILE sealing rings.
Manufacturing Ranges: 1/2” - 144”

RTJ / TYPE - D Gaskets:
Type - D Gaskets are design to fit in RTJ flange joints. These gaskets are available in Phenolic, Nema G10/11
Manufacturing Ranges: 1/2” - 24”

High Temperature Insulating Gaskets:
NUSEAL High temperature insulating gasket can withstand temp. up to 750 Deg. C. The material of construction is vermiculite offered in type E & F.
The Insulating Sleeves and Washers are made of Mica “HIGH THERM”
Manufacturing Ranges: 1/2” - 12”

SS Core with spring energized PTFE / Viton seal rings:
Nuseal SS core insulating kits are suitable for all services with pressure class upto ANSI 2500. Its unique pressure activated sealing requires less torque to seal. These are reusable gasket too. The MOC of core is SS 316/L, Monel, Inconel, Super duplex.
Manufacturing range - 1/2” to 44”

Insulating Sleeves:
Insulating sleeves are manufactured in following materials, Maylar, Nema g10, Nema g11, Phenolic, Nomex Mica, PTFE. Insulating sleeves are available for bolt size 1/2” to 21/2” and in metric size too.

One Piece Insulating sleeve and washer:
These are molded form Maylar, polyethylene, Minlon, available in sizes from 1/2” to 2” and in metric sizes too. These can be used in single or double washers assembly.

Insulating Washers:
Insulating washers are manufactured in following materials, Phenolic, Nema g10, Nema g11, Mica. These are available from 1/2” to 21/2” bolt size and in metric size too.

Installation Procedure: (as Per Fig.1)
Any Combination of material as per customer’s standard can be ordered.
The figure shows general idea of Installation. One can use sleeve / Washers or one piece sleeve washer arrangement in insulating kits.

Inspection:
Nupros Inc. offers inspection at any stage with destructive and non-destructive testing facility available at our end. Hydro testing facilities to test most of the range is available with all inspection test facilities.