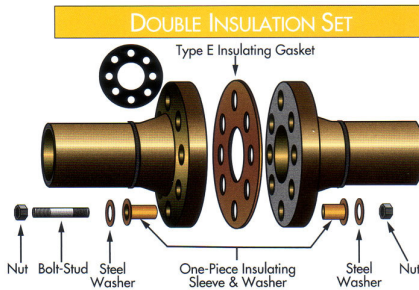
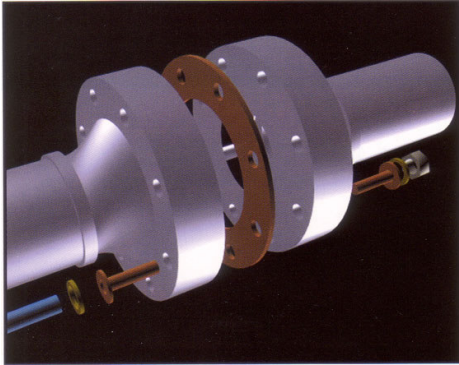
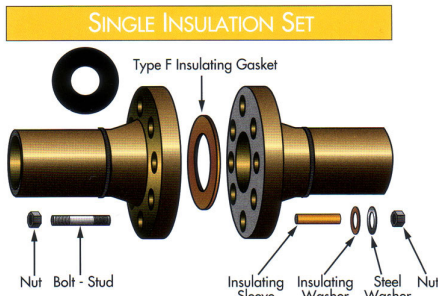


Savcor Flange Insulation Kits



Type "E" gaskets perfectly centre on precisely located bolt holes. Since their outside diameters are the same, foreign material is prevented from "shorting" the flange insulation.



Type "F" gaskets are made without bolts or holes, to fit tightly inside the overall bolt hole circle of the flange face. The outside diameter of the gaskets fits tightly in place assuring a well-centred position.

What is the primary function of an insulation kit?

The primary function is to insulate and/or isolate one side of the flanged pair from the other side. A secondary, but still as important function is to act as a sealing element for whatever fluid or gas the line is carrying.

Why are there so many different gasket materials used?

Differences in line pressure, chemical resistance, and the size of flange are some of the factors that determine the most suitable materials used. Each application may have different requirements, thus a variety of materials are necessary.

Why does Savcor offer both single, and double –sided sleeve and washer sets?

Customer preference in selecting single, or double-sided sleeve and washer kits is the main reason. Single is usually less costly, faster to install and easier to use. Double –sided is a little more expensive and more time consuming to install, but provides added insurance. If one side of the sleeve kit fails due to overtorquing, the other side continues to work.

What is a Jock style gasket and what benefits does it have over a flat gasket?

The JOCK gasket uses a bananitrile or a viton O-ring to seal and isolate the flanged pair. The O-ring allows near zero leakage static sealing. It also limits the area of seal exposed to fluid attack. No re-torquing is required, and the reduced flange load permits reduced flange thickness, as well as smaller bolt circle.

What information do I need to provide Savcor when ordering flange kits?

When ordering kits, specify flange size, pressure rating, type E or type F gasket, single sided or doubled sided sleeve and washer sets, type of gasket material needed, and type of sleeve and washer material needed.

What flange materials are standard?

Flange insulation materials are usually sold in kits which include the gasket materials available in NEOPRENE, NITRIL-FACED, CE PHENOLIC, AND DURLON (high temperature).

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Savcor

Flange Insulation Kits



Insulating sleeves



Moulded one –piece sleeve & washer



Washers



Insulating Gaskets & Phenolic Washer

	Insulating sleeve	Moulded one - piece	Insulating gaskets	Insulating washers
Coating	Polyethylene Mylar Phenolic Epoxy Glass Others	Minlon	Nitrile, Buna-N Neoprene Faced Phenolic Epoxy Glass Durabala Others Jock O Ring – seal ring Nitrite Viton Buna-a	Phenolic Epoxy Glass Others

Gasket Material Specification

Pipe size	Pressure	Retainer Material, insulating	Sealing Elements
All std. Sizes ½ " and larger are stock items. Odd sizes and shapes are available on special order	All ANSI, DIN, & API rated flanges Pressures form hard to vacuum to 50,000psi and higher	Phenolic (Standard) 107°C. Phenolic (high temp) 177°C	Buna-a -51 °C to 121 °C Viton -40 °C to 232 °C

Sleeve & washer material specifications

Sleeve Material		Washer material	
Polyethylene	82 °C	Phenolic	121 °C
1 piece sleeve and washer	121 °C	1 piece sleeve and washer	121 °C
Phenolic	149 °C	High temperature washer	232 °C
Mylar	232 °C	Glass Phenolic	177 °C
High temperature sleeve			

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