

## GENERAL GUIDE TO ELASTOMERS

The following should be used as a general guide.

Applications suggested are derived from recommendations as given by elastomer manufacturers. The resistance can be affected by type of fluid, concentration, temperature, pressure, flow rate or evaporation of the medium.

The final choice is to be taken by the customer, based on the characteristics and specific application.

Material	General Application	Service Temperature	Not recommended for:
EPDM	Water-Steam Sea Water Brine Esters Alkalis Ozone Ketones Alcohols Brake Fluid Treated Water With Caustic soda	-30°C to +110°C -31°F to +230°F  Continuous  -35°C to +150°C -31°F to +302°F Intermittent	Hydrocarbons Oils Fats Greases
NBR	Hydrocarbons Natural Gas  Oil and Fat Air Gasoline	-20°C to +90°C -4°F to +194°F Continuous Cupto100°C Intermittent	Solvents Benzene Xylol
SBR	Acids and Alkalis	-20°C to +80°C -4°F to +176°F	
VITON	Acids, Oils Hydrocarbon	-10°C to +160°C -14°F to +320°F	Steam, Ester Freon22, Alkalis Solvents, Kentons
SILICONE	Food Beverage	-30°C to +150°C -22°F to +302°F	Steam Solvents Hydrocarbons
TEFLON	Solvents Corrosive Products	-40°C to +180°C -40°F to +356°F	Fluid Containg Powders Alkalkine Gaseous Fluorine
NEOPRENE	Acid, Ozone, Oils Fats Greases Solvents	-18°C to +90°C -8°F to +194°F	Kentones, Thinners Concentrated Acid