Flexible Insert Chemical Resistance Chart

Legend: A = Fluid has little or no effect; B = Fluid has minor to moderate effect; C = Fluid has severe effect; - = No data available.

Resistance to:	NBR	Urethane	Hytrel
Acetone	C	C	B
Ammonia Anhydrous	-	-	-
Ammonium Hydroxide Solutions	C	C	A
ASTM oil No. 1	A	A	A
ASTM oil No. 3	A	B	A
ASTM reference fuel A	A	A	A
ASTM reference fuel B	A	B	A
ASTM reference fuel C	B	C	B
Benzene	C	C	B
Butane	A	A	A
Carbon Tetrachloride	C	C	C
Chlorobenzene	C	C	C
Chloroform	C	C	C
Chromic Acid 10-50%	C	C	-
Dowtherm A or E sovent	-	-	-
Ethyl Alcohol	C	C	A
Ethylene Glyco	A	B	A
Fuel Oil	A	C	-
Gasoline	A	B	A
Glycerine	A	C	A
Hydrualic Oils (Petroleum Based)	A	A	A
Hydrochloric Acid, 37% (cold)	C	C	C
Hydrogen Peroxide, 90%	C	-	-
Isopropyl Alcohol	B	C	A
Kerosene	A	B	A
Lacquer Solvents (MEK)	C	C	C
Lubricating Oils	B	-	A
Methyl Alcohol	C	C	A
Mineral Oil	A	A	A
Naphtha	C	C	A
Nitric Acid, 10%	C	C	B
Nitrobenzene	C	C	C
Phenol	C	C	B
Phosphoric Acid, 20%	C	A	-
Phosphate Esters	-	-	A
Pickling Solution (20% Nitric Acid, 4% HP)	C	C	C
Soap Solutions	A	A	A
Sodium Hydroxide, 20%	B	B	A
Stearic Acid	B	A	A
Sulfuric Acid, up to 50%	C	C	A
Sulfuric Acid, 50% to 80%	C	C	C
Tannic Acid, 10%	A	-	A
Toluene	C	C	A
Trichloroethylene	C	C	B
Turpentine	A	C	-
Water	A	-	B (158°F)
Xylene	C	C	B