DYNAIR
DUCT HARDWARE & NEXUS FLANGE

DynAir Connector Fabrics Chemical Resistance Chart

The information presented below is that supplied by the coated fabric manufacturer and is intended to be a guide when choosing materials appropriate for applications.

A = little or no effect **B** = moderate effect **C** = severe effect Blank = no data available

	NEOPRENE	HYPALON	VINYLFLEX	SILICONE
Acetic Acid (30%)	A	A	C	B
Acetone	B	B	C	B
Aluminum Chloride	A	A	A	A
Aluminum Sulfate	A	A	A	A
Ammonia (ANHYD)	A	A	B+	A
Ammonium Hydoxide	A	A	A	A
Ammonium Sulfate	A	A	A	A
Amyl Acetate	C	C	C	C
Barium Sulfide	A	A	A	-
Benzene	C	C	C	C
Black Sulfate Liquor	A	A	A	B
Boric Acid	A	A	A	A
Bromine	C	B	C	C
Butyl Acetate	C	B	C	C
Butyl Alcohol	A	A	C	B
Cadmium Hypochlorite	B	A	B+	-
Carbon Disulfide	C	C	C	-
Carbon Tetrachloride	C	C	C	C
Chlorinated Solvents	C	C	C	C
Chloroform	C	C	C	-
Chlorine Water	C	C	B+	C
Chromic Acid	C	A	A	-
Chromium Plating Solution	-	-	A	-
Citric Acid	A	A	A	A
Copper Chloride	A	A	A	-
Copper Sulfate	A	A	A	-
Cotton Seed Oil	A	A	B+	A
Creosote Oil	B	B	C	-
Cyclohexane	C	C	C	C
Diacetone Alcohol	A	A	C	-
Dowthern (A + E)	B	B	C	B
Disodium Phosphate	-	-	A	-
Ethyl Acetate	C	C	C	-
Ethylene Dichloride	C	C	C	B
Ethylene Glycol	A	A	C	A
Ferric Chloride (40%)	A	A	A	A
Ferric Sulfate	A	A	A	A
Fluroboric Acid	A	A	A	-
Formaldehyde (40%)	A	A	A	-
Formaldehyde (over 100 F)	C	C	C	-
Formic Acid	A	A	A	-
Gasoline	B	C	C	C
Glucose	A	A	A	A
Glycerine	A	A	C	A
Heptane	A	A	-	-
Hexane	A	A	-	-
Hydrobromic Acid (40%)	A	A	C	-
Hydrochloric Acid (conc)	A	A	C	B

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	NEOPRENE	HYPALON	VINYLFLEX	SILICONE
Hydrofluoric Acid (100%)	A	A	B	C
Hydrogen Peroxide	B	A	A	A
Hydrogen Sulfide	A	A	A	-
Isopropyl Ether	C	C	C	-
Kerosene	B	B	C	B
Lactic Acid	A	A	B	-
Linseed Oil	A	A	B	A
Lubricating Oil	B	B	B	B
Magnesium Chloride	A	A	-	B
Magnesium Hydroxide	A	A	-	B
Maleic Aced	B	A	A	A
Methyl Alcohol	A	A	C	B
Methyl Cellosolve	C	C	-	C
Methylene Chloride	C	C	-	C
Mineral Oil	A	A	A	B
Naphtha	B	B	-	A
Naphtalene	C	C	C	C
Nickel Chloride	A	A	A	-
Nickel Sulfate	A	A	A	A
Nitric Acid (40%)	C	A	A	C
Nitrobenzene	C	C	C	C
Oleic Acid	B	B	A	B
Oleum	C	A	C	-
Oxalic	A	A	A	A
Petroleum Oils	B	B	B	B
Phosphoric Acid (85%)	A	A	B	A
Pickling Solution	B	A	A	-
Potassium Chloride	A	A	A	-
Potassium Cyanide	A	A	A	-
Potassium Dichromate	A	A	A	-
Potassium Hydroxide (40%)	A	A	A	A
Potassium Sulfate	A	A	A	-
Propyl Alcohol	A	A	C	B
Skydrol	B	B	C	B+
Skydrol 500	B	B	C	B+
Sodium Chloride	A	A	A	A
Sodium Hydroxide (40%)	A	A	B	A
Sodium Hypochlorite	B	A	B	B
Steam	A	B	B	-
Sulfur Doixide (Liquid)	A	A	B	A
Sulfuric Acid (50%	C	A	A	C
Sulfuric Acid (over 50%)	C	A	C	C
Sulfurous Acid	C	B	C	C
Tannic Acid	A	A	A	-
Toluene	C	C	C+	C
Trichloroethylene	C	C	C	B+
Turpentine	C	C	C	-
Vinegar	A	A	A	A

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