

**FLUID COMPATIBILITY DATA**

TYPE OF FLUID	N	H	P	U	TYPE OF FLUID	N	H	P	U
Acetate Solvents	A	B	B	B	Hydrogen Peroxide	C	N	B	C
Acetic Acid	C	B	A	C	Isopropyl Alcohol	B	B	A	B
Acetone	A	A	B	C	Isocyanates**	A	A	A	A
Acetylene	A	A	A	A	Kerosene	A	N	B	A
Air	A	A	A	A	Ketones	A	B	B	B
Air (Hot)	A	A	A	A	Lacquers & Solvents	A	N	N	B
Alcohols	B	A	A	A	Linseed Oil	A	N	B	A
Ammonia (Anhydrous) Liquid	C	N	N	C	Lubricating Oils (Petroleum Base)	A	A	B	A
Ammonia (Gas)	B	N	A	B	Lubricating Oils (Diester Base)	A	A	N	C
Ammonium Hydroxide	B	N	A	C	Mercury	A	A	A	A
Ammonium Chloride	C	A	A	C	Mercuric Chloride	B	N	A	A
Aniline	C	N	A	C	Methanol	B	A	A	B
Aliphatic Hydrocarbons	A	B	B	B	Methyl Ethyl Ketone (MEK)	A	A	B	B
Aromatic Hydrocarbons	A	B	B	B	Mineral Oil	A	A	B	A
Auto Transmission Fluid	A	A	B	A	Naphtha	A	A	B	A
Barium Chloride	C	N	A	A	Natural Gas	A	A	N	A
Barium Sulphide	A	N	A	A	Nitric Acid (70%)	C	C	B	C
Benzine (Benzol)	A	B	B	B	Oleic Acid	A	A	B	A
Boric Acid	B	A	A	A	Oxalic Acid	B	N	A	B
Bromine	C	C	C	C	Oxygen	B	B	A	B
Butane	A	A	A	A	Paint (Oil/Alkyn Based)	A	N	N	B
Butyl Alcohol (Butanol)	B	A	A	A	Paint (Water Based)*	A	N	A	A
Butyl Acetate	A	N	B	B	Phenol	C	C	A	C
Calcium Chohide	B	A	A	A	Potassium Salt Solutions	B	N	A	B
Carbolic Acid	C	C	A	C	Refrigerant 12	A	A	N	A
Carbonic Acid	A	N	A	B	Refrigerant 22	A	A	N	A
Chlorine (Wet)	C	C	C	C	Refrigerant 502	A	A	N	A
Chloro Methane (Methylene Chloride)	B	C	B	C	Sodium Chloride Solution	A	A	A	A
Citric Acid	B	B	A	B	Sodium Hydroxide (<20%)	B	B	A	B
Cresol	C	C	B	C	Sodium Hypochlorite Solution	C	N	A	C
Diesel Fuel	A	A	B	A	Steam	C	C	C	C
Ethanol	B	A	A	A	Sulphuric Acid	C	C	A	C
Ethers	A	N	A	B	Trichlorethylene	B	C	B	C
Ethyl Acetate	A	B	B	B	Toluene (Toluol)	A	A	B	B
Ethylene Glycol*	B	B	A	B	Ucon_ + Fluid LB - 300x	B	N	N	A
Formaldehyde	B	B	A	B	Ucon+ Fluid 150-CD	B	N	N	A
Gasoline	A	A	C	A	Water, Fresh (Cold)	A	A	A	A
Hydraulic Fluid (Petroleum Based)	A	A	B	A	Water, Salt (Cold)	B	B	A	B
Hydraulic Fluids (Phosphate Ester)*	B	B	N	N	Water Fresh & Salt (Hot over 66°C)	C	C	A	C
Hydraulic Fluids (Water/Glycol)*	B	B	N	N	Xylene	A	B	C	B
Hydrochloric Acid	C	C	A	C	Zinc Chloride Solutions	C	A	A	A

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**Hose Material Code:** N=Nylon, H=Polyester, P=Polyethylene, U=Polyurethane

**Resistance Code:** A=Little or no effect B=Minor to moderate effect C=Severe effect N=Not tested, contact factory

\*Recommended Operating Temperature not to exceed 140F°

\*\*Precautions must be taken to keep moisture from permeating hose

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The information given is based on research and experience and to the best of our knowledge is reliable. This chart should be used as a guide only.

