

# Chemical Resistance

Chemical Name	Concentration	All PVC Hoses 150 OUDH* STKLUGF*	ST 120 HP ST 120 LT ST 120 VP	KPAT, 180 STAR, 180 AR, 180 BL, 220 RS	180 HR, 390 SD, 620 WD, 630 ED, 660 YD	300 GR/EPDM	ST120 UAPDH
Acetaldehyde		●	●	●	●	●	-
Acetamide		●	●	●	●	●	-
Acetic acid	10%	●	●	●	●	●	●
Acetic acid	50%	●	●	●	●	●	-
Acetic acid	100%	●	●	●	●	●	-
Acetic anhydride		●	●	●	●	●	-
Acetone		●	●	●	●	●	-
Alums___ NH3, Cr, K		●	●	●	●	●	-
Ammonium hydroxide (ammonia water)		●	●	●	●	●	-
Animal oil (Lard oil)		●	●	●	●	●	-
ASTM reference fuel A		●	●	●	●	●	-
ASTM reference fuel B		●	●	●	●	●	-
ASTM reference fuel C		●	●	●	●	●	-
ASTM #1 oil		●	●	●	●	●	-
ASTM #2 oil		●	●	●	●	●	-
ASTM #3 oil		●	●	●	●	●	-
Beer		●	●	●	●	●	-
Benzene (Benzol)		●	●	●	●	●	-
Benzine		●	●	●	●	●	●
Benzyl alcohol		●	●	●	●	●	-
Biodiesel, B20		-	-	-	-	-	●
Biodiesel, B100		-	-	-	-	-	●
Brake Fuel (H.D.)		-	-	-	-	-	●
Bromine		●	●	●	●	●	-
Bunker oil		●	●	●	●	●	-
Butane		-	●	-	-	-	●
Calcium chloride		●	●	●	●	●	-
Calcium hydroxide		●	●	●	●	●	-
Carbon disulfide		●	●	●	●	●	-
Carbon tetrachloride		●	●	●	●	●	-
Carbonic acid		●	●	●	●	●	-
Chlorine gas (dry)		●	●	●	●	●	-
Chlorine gas (wet)		●	●	●	●	●	-
Chromic acid	2%	●	●	●	●	●	-
Chromic acid	5%	●	●	●	●	●	-
Chromic acid	10%	●	●	●	●	●	-
Chromic acid	25%	●	●	●	●	●	-
Creosote oil		●	●	●	●	●	-
Cresol		●	●	●	●	●	-
Cyclohexane		●	●	●	●	●	-
Cyclohexanone		●	●	●	●	●	●
Developing solutions (Hypos)		●	●	●	●	●	-
Diesel Fuel		-	●	-	-	-	●
Diethyl ether		●	●	●	●	●	-
Diethylene glycol		●	●	●	●	●	-
Dimethyl formamide		●	●	●	●	●	●
Diocetyl phthalate (DOP)		●	●	●	●	●	●
Ethanol E85		-	●	-	-	-	●
Ethanol E98		-	T	-	-	-	●
Ethanol E100		-	T	-	-	-	●
Ethyl acetate		●	●	●	●	●	-
Ethyl acetoacetate		●	●	●	●	●	-
Ethyl alcohol		●	A	●	●	●	-
Ethylene dichloride		●	●	●	●	●	●
Ethylene glycol		●	●	●	●	●	●
Ethylene glycol H2O	50%	-	●	-	-	-	●
Fluoroboric acid		-	●	●	●	●	-
Formaldehyde	40%	●	●	●	●	●	-
Formic Acid	50%	●	●	●	●	●	-
Freon 11		●	●	●	●	●	●
Freon 113		●	●	●	●	●	●
Freon 114		●	●	●	●	●	-
Freon 12		●	●	●	●	●	-
Freon 21		●	●	●	●	●	●
Freon 22		●	●	●	●	●	-

● — Satisfactory

● — Suggest Testing

● — Unsatisfactory

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Furan Furufuran		●	●	●	●	●	-
Gasoline (Aromatic content: < 40%)		●	●	●	●	●	-
Glycerin		●	●	●	●	●	●
Hexane		●	●	●	●	●	-
Hydrobromic acid	20%	●	●	●	●	●	-
Hydrochloric acid	10%	●	●	●	●	●	-
Hydrochloric acid	38%	●	●	●	●	●	-
Hydrofluoric acid	10%	●	●	●	●	●	-
Hydrofluoric acid		●	●	●	●	●	-
Hydrofluoric acid	40%	●	●	●	●	●	-
Hydrofluoric acid anhydrous		●	●	●	●	●	-
Hydrogen peroxide	5%	●	●	●	●	●	-
Hydrogen peroxide	30%	●	●	●	●	●	-
Hydrogen sulfide		●	●	●	●	●	-
Hypochlorous acid		●	●	●	●	●	-
Isooctane		●	●	●	●	●	-
Isopropyl alcohol		●	●	●	●	●	-
Jet Fuel, JP-8		●	●	●	●	●	-
Kerosene		●	●	●	●	●	●
Lacquer		●	●	●	●	●	-
Magnesium hydroxide	-	-	-	-	-	-	●
Mercury	-	-	-	-	-	-	●
Methyl alcohol	-	-	-	-	-	-	●
Methyl ethyl ketone (MEK)		●	●	●	●	●	-
Nitric acid	10%	●	●	●	●	●	-
Nitric acid	30%	-	●	-	-	-	●
Nitric acid	61.3%	●	●	●	●	●	-
Nitric acid (fuming)		●	●	●	●	●	-
Nitrobenzene		●	●	●	●	●	-
Oil, Transmission Type A		●	●	●	●	●	-
Oleic acid		●	●	●	●	●	-
Oxalic acid		●	●	●	●	●	-
Oxygen		●	●	●	●	●	-
Ozone		●	●	●	●	●	-
Perchloric acid		●	●	●	●	●	-
Phosphoric acid	50%	●	●	●	●	●	-
Potassium dichromate	10%	●	●	●	●	●	-
Potassium hydroxide	30%	●	●	●	●	●	-
Potassium permanganate	5%	●	●	●	●	●	-
Potassium permanganate	30%	●	●	●	●	●	-
Propyl alcohol		●	●	●	●	●	●
Sea water		●	●	●	●	●	-
Silicone grease	-	-	●	-	-	-	●
Silicone oils		●	●	●	●	●	-
Soap solutions		●	●	●	●	●	-
Sodium hydroxide	10%	●	●	●	●	●	●
Sodium hypochlorite		●	●	●	●	●	●
Sodium peroxide	-	-	●	-	-	-	●
Sodium phosphate	-	-	T	-	-	-	●
Soybean oil	-	-	T	-	-	-	●
Sulfur dioxide		●	●	●	●	●	-
Sulfuric acid	10%	●	●	●	●	●	-
Sulfuric acid	30%	●	A	●	●	●	-
Sulfuric acid	98%	●	●	●	●	●	●
Sulfuric acid (fuming)		●	●	●	●	●	●
Sulfurous acid	10%	-	●	-	-	-	●
Tetrachloroethane		-	●	●	●	●	-
Tetrahydrofuran	40%	●	●	●	●	●	-
Toluene	50%	●	●	●	●	●	-
Trichloroethylene (Trichlene)		●	●	●	●	●	●
Turpentine		●	●	●	●	●	●
Vegetable oil		●	●	●	●	●	-
Vinegar		●	●	●	●	-	●
Whiskey		●	●	●	●	●	-
Xylene		●	●	●	●	●	-