

Pump Model	Stainless Steel Pumps	Electro Zinc Plated Pumps	Nonmetallic Safety Can			All Pumps	
			Metal	Metal	Body		Gasket
Chemical Family	Liquid	Stainless Steel	Electro Zinc Plated Steel	Polyethylene	Volara	Stainless Steel	PTFE
Acids	Acetic Acid	Good	NR	Good	Good	Good	Good
	Hydrochloric Acid 37%	NR	NR	Good	Good	NR	Good
Organic Nitrogens	Acetonitrile	Fair	Fair	Good	Good	Fair	Good
	Aniline	Good	Good	Good	Good	Good	Good
Aromatics	Benzene	Good	Fair	Fair	NR	Good	Good
	Toluene	Good	Good	Fair	Poor	Good	Good
	Xylene	Good	Good	Fair	Poor	Good	Good
Ketones	Acetone	Good	Poor	Fair	Poor	Good	Good
	Methyl Ethyl Ketone	Good	Good	Fair	Fair	Good	Good
	Methyl Isobutyl Ketone	Poor	Good	Fair	NR	Poor	Good
	Cyclohexanone	Poor	Good	NR	NR	Poor	Good
Hydrocarbon Mixtures	Gasoline	Good	Good	Poor	Fair	Good	Good
	Kerosene	Good	Good	NR	Poor	Good	Good
	Fuel Oil	Good	Good	NR	Fair	Good	Good
	Turpentine	Good	Poor	Poor	NR	Good	Good
Alkanes	Pentane	Good	Good	NR	NR	Good	Good
	Hexane	Good	Good	NR	Fair	Good	Good
	Heptane	Good	Good	Poor	Fair	Good	Good
	Cyclohexane	Poor	Good	Fair	Good	Poor	Good
Alcohols	Methanol 70%	Good	NR	Good	Good	Good	Good
	Ethanol 70%	Good	NR	Good	Good	Good	Good
	Isopropyl Alcohol 70%	Good	NR	Good	Good	Good	Good
Glycols	Ethylene Glycol	Good	Good	Good	Good	Good	Good
Ethers	Petroleum Ether	Good	Good	Poor	Poor	Good	Good
	Ethyl Ether	Good	Good	Fair	Poor	Good	Good
Halogenated Hydrocarbons	Trichloroethylene	Good	NR	NR	NR	Good	Good
	Methylene Chloride	Good	NR	NR	NR	Good	Good
Acetates	Ethyl Acetate	Good	Good	Fair	Fair	Good	Good

Note The BOLD Blue face items indicate primary raw materials that are always wetted. .

Legend:				
	Metals: <0.002 inch	Metals: <0.01 inch	Metals: <0.02 inch	Metals: >0.02 inch
	Plastics: <10%	Plastics: <15%	Plastics: <20%	Plastics: >20%
	Elastomers: <15%	Elastomers: <30%	Elastomers: <50%	Elastomers: >50%

Warning: 1) This chart is offered as a guide for convenience and is not a substitute for the user clearly understanding the nature and proper use of the chemicals being used, area hygiene and environmental conditions, and the laws governing use.

2) Check with the chemical manufacturer or manufacturers data for more information. Mixing of different chemicals and chemical concentrations may impact suitability and compatibility. This chart is not a guarantee, express or implied, of fitness of use and Justrite assumes no responsibility for the use or misuse of this information.