Chemical Resistance Chart

The following chart is intended to be used as an 'at-a-glance' tool only. It was designed to get you started in the selection process, which can be very complex when it comes to choosing the right chemical-resistant glove. For greater detail regarding degradation, breakthrough times, etc. of individual gloves, please refer to our complete chemical resistance chart at http://www.superiorglove.com/documents/products/346/Chemical_Chart.pdf or contact us at info@superiorglove.com with any questions.

CHEMICAL	LATEX	VINYL (PVC)	NITRILE
Acetaldehyde	★ Excellent	Poor	Fair
Acetic Acid	★ Excellent	Fair	Good
Acetone	★ Excellent	Poor	Poor
Ammonium Hydroxide	★ Excellent	★ Excellent	★ Excellent
Amyl Acetate	Poor	Fair	Fair
Aniline	Good	Poor	★ Excellent
Animal Fats	Fair	Poor	★ Excellent
Asphalt	Poor	Poor	★ Excellent
Benzylic Alcohol	Fair	★ Excellent	★ Excellent
Bleach	★ Excellent	★ Excellent	★ Excellent
Boric Acid	★ Excellent	★ Excellent	★ Excellent
Brake Fluid	Fair	Fair	★ Excellent
Butyl Acetate	Poor	Fair	Fair
Carbon Tetrachloride	Poor	Fair	Good
Chloracetone	★ Excellent	Poor	Poor
Chromic Acid 50%	Poor	Good	Fair
Citric Acid 10%	★ Excellent	★ Excellent	★ Excellent
Creosote	Fair	★ Excellent	★ Excellent
Cutting Oil	Poor	★ Excellent	★ Excellent
Cyclohexane	Poor	Poor	★ Excellent
Diesel Fuel	Poor	Poor	★ Excellent
Diethanolamine	★ Excellent	★ Excellent	★ Excellent
Diethyl Ether	Fair	Fair	★ Excellent
Dioctyl Phtalate (DOP)	Fair	Poor	Good
Ethyl Acetate	Good	Poor	Poor
Ethyl Alcohol (Ethanol)	★ Excellent	Fair	★ Excellent
Ethylene Glycol	★ Excellent	★ Excellent	★ Excellent
Fertilizers	★ Excellent	★ Excellent	★ Excellent
Fish (Shell Fish)	Fair	Fair	★ Excellent
Fluorides	★ Excellent	★ Excellent	★ Excellent
Formaldehyde 37% (Formalin)	★ Excellent	★ Excellent	★ Excellent
Fuel Oil	Poor	Fair	★ Excellent
Gasoline	Poor	Fair	★ Excellent
Hexane	Poor	Fair	★ Excellent
Household Detergents	Good	Good	Good
Hydraulic Fluid	★ Excellent	Good	★ Excellent
Hydrochloric Acid 30%	Fair	Good	★ Excellent
Hydrofluoric Acid 30%	Good	Good	★ Excellent
Hydrogen Peroxide	Good	Poor	★ Excellent
Kerosene	Poor	Fair	★ Excellent
Linseed Oil	Poor	Good	★ Excellent
Methyl Alcohol (Methanol)	★ Excellent	Good	★ Excellent
Methyl Ethyl Ketone (MEK)	Fair	Poor	Poor
Methyl Formate	Fair	Fair	Fair
Mineral Oils	Poor	Fair	★ Excellent
Naphtha	Poor	Fair	★ Excellent
Naphthalene	Poor	Fair	Good
Nitric Acid	Good	Fair	Fair
Nitrobenzene	Poor	Poor	Fair
Oleic Acid	Fair	Fair	★ Excellent
Perchloroethylene	Poor	Poor	Good
Phosphoric Acid	★ Excellent	★ Excellent	★ Excellent
Photo Developer Fixer	★ Excellent	★ Excellent	★ Excellent
Pine Oil	Poor	Fair	★ Excellent
Potassium Hydroxide 50% KOH	★ Excellent	★ Excellent	Fair

CHEMICAL	LATEX	VINYL (PVC)	NITRILE
Poultry	Fair	Poor	★ Excellent
Propylene Dichloride	Poor	Poor	Fair
Silicates	★ Excellent	★ Excellent	★ Excellent
Sodium Hydroxide 50% NaOH	★ Excellent	Fair	Fair
Sodium Hypochlorite	★ Excellent	★ Excellent	★ Excellent
Stearic Acid	Good	Good	Good
Sulphuric Acid (Concentrated)	Poor	Good	Poor
Sulphuric Acid (Diluted)	★ Excellent	★ Excellent	★ Excellent
Tetrahydrofuran (THF)	Fair	Poor	Poor
Toluene (Toluol)	Poor	Fair	Fair
Trinitrobenzene	Poor	Fair	Good
Turpentine	Poor	Good	★ Excellent
Vegetable Oil	Poor	Fair	★ Excellent
Weed Killer	★ Excellent	★ Excellent	★ Excellent
Wood Preservatives	Poor	Fair	★ Excellent
Xylene	Poor	Poor	Good

★ Excellent – It's perfect; use it. | Good – It's all good. | Fair – Usable. You're the boss. | Poor – Forget about it.

Visit www.superiorglove.com or contact us for complete Chemical Resistant chart info.