

Glove Chemical Resistance Chart*

*This chart is provided as a guideline only. It does not suggest that any **Sempermed**® glove has been tested for use with the chemical listed. **Sempermed**® accepts no responsibility for end-user glove selection against a specific risk. Conditions of use and appropriate glove choice are the responsibility of the user.

E = Excellent **G** = Good **F** = Fair **P** = Poor **N** = Not Rated



CHEMICAL	NITRILE (NBR)	NATURAL RUBBER LATEX (NRL)	VINYL (PVC)	CHLOROPRENE (NEOPRENE)
Acetaldehyde	P	G	G	G
Acetic Acid	F	E	E	E
Acetone	P	G	F	P
Alcohol (Butyl)	E	E	E	E
Alcohol (Ethyl)	E	E	G	E
Alcohol (Isopropyl)	E	E	G	E
Ammonium Hydroxide (conc.)	E	G	E	F
Aniline	E	F	F	G
Ammonia	P	G	F	P
Antifreeze (methanol-based)	E	E	P	E
Benzaldehyde	F	F	G	F
Benzene	P	P	F	F
Benzyl Chloride	N	F	P	P
Bleach	P	G	F	P
Brake Cleaner (containing ethanol or hexane)	E	P	P	P
Brake Cleaner, non-chlorinated (containing acetone, n-heptane or xylene)	E	P	P	P
Bromine	N	G	G	G
Calcium Hypochlorite	G	P	G	G
Carbon Disulfide	G	P	F	P
Carbon Tetrachloride	F	P	F	F
Chlorine	E	G	G	G
Chloroacetone	N	F	P	E
Chloroform	P	P	P	F
Chromic Acid	G	P	E	F
Cyclohexane	E	F	P	E
Cytotoxic Chemicals	E	G	P	E
Dibenzyl Ether	N	F	P	G
Dibutyl Phthalate	G	F	P	G
Diesel Fuel	E	P	P	E
Diethanolamine	G	F	E	E
Diethyl Ether	E	F	P	G
Dimethyl Sulfoxide	E	N	N	N
Ethyl Acetate	P	F	F	G
Ethylene Dichloride	P	P	P	F
Ethylene Glycol	E	G	E	G
Fluorine	N	G	G	G
Formaldehyde	E	G	E	E
Formic Acid	E	G	E	E
Gasoline (oil)	E	P	P	E
Gastric Acid	G	P	P	G

CHEMICAL	NITRILE (NBR)	NATURAL RUBBER LATEX (NRL)	VINYL (PVC)	CHLOROPRENE (NEOPRENE)
Grease	G	P	P	G
Glucose	G	P	P	G
Glycerol	E	G	E	G
Hair Dye	G	P	P	N
Hand Sanitizer	E	E	G	E
Hexane	E	P	P	E
Hydrochloric Acid (conc.)	G	P	F	F
Hydrofluoric Acid (30%)	F	P	F	E
Hydrogen Peroxide	G	G	E	G
Insecticides / Pesticides	P	G	F	P
Iodine	G	G	G	E
Kerosene	E	P	P	E
Methylamine	E	G	E	G
Methyl Cellosolve	P	F	P	E
Methyl Chloride	P	P	P	E
Methylene Chloride	P	F	F	F
Methyl Ethyl Ketone	P	F	P	G
Mineral Spirits	P	G	F	P
Monoethanolamine	N	F	E	E
Morpholine	P	F	E	E
Motor Oil	G	P	P	N
Naphthalene	E	G	G	G
Nitric Acid (conc.)	P	P	G	P
Ortho-phthalaldehyde	G	P	P	G
Paint (latex based)	G	P	P	N
Paint (oil-based)	G	P	P	N
Perchloric Acid	F	F	E	G
Peroxide	G	P	P	N
Phenol	F	G	E	G
Phosphoric Acid	E	G	E	E
Potassium Hydroxide (sat.)	E	G	E	G
Propane	E	P	P	N
Sodium Hydroxide	E	G	E	E
Sodium Hypochlorite	E	G	G	E
Sulfuric Acid (conc.)	F	G	G	E
Toluene	P	P	F	F
Trichloroethylene	P	P	F	F
Tricresyl Phosphate	E	P	F	F
Triethanolamine	E	F	E	E
Turpentine	E	P	P	N
Xylene	F	P	N	P