

CHEMICAL RESISTANCE CHART

recommended	not recommended
not rated	limited use

Environmental conditions, exposure times, chemical concentrations, and residues may affect glove performance. It is strongly advised that onsite testing of all gloves be conducted to help determine safe usage parameters. **Glove chemical resistance is based on 5-mil gloves. Glove material thickness will affect chemical resistance duration.**

Chemical Name	Nitrile	Latex	Vinyl
Acetaldehyde	●	●	●
Acetic acid	●	●	●
Acetic ether	●	●	●
Acetone	●	●	●
Acetonitrile	●	●	●
Acetylene tetrachloride	●	●	●
Acrylic acid	●	●	●
Ammonium fluoride	●	●	●
Ammonium hydroxide	●	●	●
Amyl acetate	●	●	●
Amyl alcohol	●	●	●
Aniline	●	●	●
Animal fats	●	●	●
Antiformin	●	●	●
Aqua regia	●	●	●
Battery acid	●	●	●
Benzaldehyde	●	●	●
Benzene	●	●	●
Benzyl chloride	●	●	●
Bis(2-ethylhexyl) phthalate	●	●	●
Bleaching powder	●	●	●
Bromine	●	●	●
2-Bromopropionic acid	●	●	●
Butane	●	●	●
1-Butanol	●	●	●
2-Butanone	●	●	●
2-Butoxyethanol	●	●	●
Butyl acetate	●	●	●
Butyl alcohol	●	●	●
Butyl cellosolve	●	●	●
γ-Butyrolactone	●	●	●
Calcium hypochlorite	●	●	●
Carbolic acid	●	●	●
Carbon dichloride	●	●	●
Carbon disulfide	●	●	●
Carbon tetrachloride	●	●	●
Castor oil	●	●	●
Caustic soda	●	●	●
Cellosolve acetate	●	●	●
CFC-113	●	●	●
Chlorine	●	●	●
Chloroacetone	●	●	●
Chloroform	●	●	●
Chloronaphthalene	●	●	●
Chromic acid	●	●	●
Citric acid	●	●	●
Clorox	●	●	●
Cottonseed oil	●	●	●
Creosol	●	●	●
Cumene	●	●	●
Cutting oil	●	●	●
Cyclohexane	●	●	●
Cyclohexanol	●	●	●
Diacetone alcohol	●	●	●
Dibutyl phthalate	●	●	●
Dichlorocarbene	●	●	●
1,2-Dichloroethane	●	●	●
Dichloromethane	●	●	●
Diethyl ether	●	●	●
Diethylamine	●	●	●
Dimethyl sulfoxide	●	●	●
Dimethylacetamide	●	●	●
Dimethylformamide	●	●	●
Diocetyl phthalate	●	●	●
1,4-Dioxane	●	●	●
Dodecanoic acid	●	●	●
Epichlorohydrin	●	●	●
Essence of mirbane	●	●	●
Ethanol	●	●	●
Ethanolamine	●	●	●
2-Ethoxyethanol	●	●	●
Ethoxyethyl acetate	●	●	●
Ethyl acetate	●	●	●
Ethyl alcohol	●	●	●
Ethyl cellosolve	●	●	●
Ethyl ether	●	●	●
Ethyl glycol ether	●	●	●
Ethyl methyl ketone	●	●	●
Ethylbenzene	●	●	●
Ethylene dichloride	●	●	●
Ethylene glycol	●	●	●
Ethylene glycol monobutyl ether	●	●	●
Ethylene glycol monomethyl ether	●	●	●
Flaxseed oil	●	●	●
Fluorine	●	●	●
Formaldehyde	●	●	●
Formic acid	●	●	●
Freon TF	●	●	●
Furfural	●	●	●
Gasoline	●	●	●
Glycerine	●	●	●
Glycerol	●	●	●
Glycol monoethyl ether	●	●	●
Glycol monoethyl ether acetate	●	●	●
Heptane	●	●	●
Hexamethyldisilazane	●	●	●
Hexane	●	●	●

Chemical Name	Nitrile	Latex	Vinyl
Hydraulic Fluid- Ester Based	●	●	●
Hydraulic Fluid-Petrol Based	●	●	●
Hydrazine	●	●	●
Hydrochloric acid	●	●	●
Hydrofluoric acid	●	●	●
Hydrogen peroxide	●	●	●
Hydroquinone	●	●	●
Iodine	●	●	●
Isobutanol	●	●	●
Isobutyl alcohol	●	●	●
Isobutyl ketone	●	●	●
Isooctane	●	●	●
Isopropanol	●	●	●
Isopropyl alcohol	●	●	●
Isopropylbenzene	●	●	●
Kerosene	●	●	●
Lactic acid	●	●	●
Lauric acid	●	●	●
Linoleic acid	●	●	●
Linseed oil	●	●	●
Maleic acid	●	●	●
Methanol	●	●	●
2-Methoxy-4-methylphenol	●	●	●
2-Methoxyethanol	●	●	●
Methyl acetate	●	●	●
Methyl alcohol	●	●	●
Methyl cellosolve	●	●	●
Methyl chloride	●	●	●
Methyl ethyl ketone(MEK)	●	●	●
Methyl isobutyl ketone	●	●	●
Methyl methacrylate	●	●	●
Methyl pentanone	●	●	●
Methyl propanol	●	●	●
Methylamine	●	●	●
Methylene chloride	●	●	●
Methylpyrrolidone	●	●	●
Methyl-t-butyl ether	●	●	●
Mineral oil	●	●	●
Mineral spirits	●	●	●
Monoethanolamine	●	●	●
Morpholine	●	●	●
Muriatic acid	●	●	●
Naphtha VM&P	●	●	●
Naphthalene	●	●	●
Nitric acid	●	●	●
Nitrobenzene	●	●	●
Nitromethane	●	●	●
Nitropropane	●	●	●
Octadecenoic acid	●	●	●
1-Octanol	●	●	●
Octyl alcohol	●	●	●
Oleic acid	●	●	●
Oxalic acid	●	●	●
Paint remover	●	●	●
Palmitic acid	●	●	●
Pentachlorophenol	●	●	●
Pentane	●	●	●
1-Pentanol	●	●	●
Pentyl alcohol	●	●	●
Perchloric acid	●	●	●
Perchloroethylene	●	●	●
Petrol	●	●	●
Petroleum ether	●	●	●
Petroleum spirits	●	●	●
Phenol	●	●	●
Phosphoric acid	●	●	●
Picric acid	●	●	●
Potassium hydroxide	●	●	●
Printing ink	●	●	●
Propanol	●	●	●
Propyl acetate	●	●	●
Propyl alcohol	●	●	●
Propylene oxide	●	●	●
Pyridine	●	●	●
Rubber solvent	●	●	●
Sodium hydroxide	●	●	●
Sodium hypochlorite	●	●	●
Stoddard solvent	●	●	●
Sulfuric acid	●	●	●
Tannic acid	●	●	●
Tannin	●	●	●
Tert-butyl methyl ether	●	●	●
Tetrachloroethylene	●	●	●
1,1,2,2-Tetrachloroethane	●	●	●
Toluene	●	●	●
Toluenediisocyanate	●	●	●
1,1,1-Trichloroethane	●	●	●
Trichloroethylene	●	●	●
Tricresyl phosphate	●	●	●
Triethanolamine	●	●	●
Trimethylpentane	●	●	●
Tung oil	●	●	●
Turbine oil	●	●	●
Turpentine	●	●	●
Vegetable oil	●	●	●
Xylene	●	●	●

THIS CHEMICAL RESISTANCE CHART IS FOR ADVISORY USE ONLY