



These are the general guidelines based on public data. FirstLine has not individually tested our gloves against these chemicals and therefore, cannot recommend or warranty their use in a chemical application. Resistance varies with chemical concentration, glove thickness, temperature and length of exposure to chemicals. We recommended consulting your company or departments protocols for approved barrier for use with hazardous chemicals or in a chemical application.

NR = Not Recommended P = Poor G = Good
 F = Fair E = Excellent

Chemical	Latex	Vinyl	Nitrile	Neoprene
Acetaldehyde	F	NR	NR	F
Acetonitrile	F	NR	F	F
Alcohols: Amyl	G	G	E	E
Butyl	E	G	E	E
Diacetone	E	NR	G	E
Ethyl	F	G	E	E
Isobutyl	F	F	E	E
Isopropyl	E	G	E	E
Methyl	F	G	E	E
Octyl	G	F	E	E
Propyl	F	F	E	E
Amyl Acetate	NR	NR	E	NR
Aniline	F	F	NR	G
Aqua Regia (80% HCl, 20% HNO3)	NR	F	F	G
Benzaldehyde	F	NR	NR	NR
Benzene	NR	NR	NR	NR
Butyl Cellosolve	E	NR	E	E
Carbon Disulfide	NR	NR	G	NR
Carbon Tetrachloride (dry)	NR	F	G	NR
Cellosolve Acetate	F	NR	F	G
Chlorine (Dry)	N/A	N/A	N/A	N/A
Chlorobenzene	NR	NR	NR	NR
Chloroform	NR	NR	NR	NR
Chromic Acid 50%	NR	G	F	NR
Citric Acid	E	E	E	E
Cyclohexanol	E	E	E	E
Dibutyl Phthalate	F	NR	G	F
Dichloroethane	NR	NR	NR	NR
Diethylamine	NR	NR	F	NR
Dilsobutyl Keytone (DIBK)	NR	NR	F	NR
Dimethyl Formamide (DMF)	F	NR	NR	E
Diocetyl Phthalate (DOP)	NR	NR	G	G
Ethyl Acetate	F	NR	NR	F
Ethylene Glycol	E	E	E	E
Formic Acid	F	E	F	E

Chemical	Latex	Vinyl	Nitrile	Neoprene
Freon TF	NR	NR	E	E
Furfural	F	NR	NR	E
Gasoline, unleaded	NR	NR	E	NR
Heptane	N/A	NR	N/A	N/A
Hydrochloric Acid, 37%	E	E	E	E
Hydrofluoric Acid 48%	G	F	E	G
Hydrogen Peroxide 30%	E	E	E	E
Kerosene	NR	F	E	E
Lactic Acid 85%	E	E	E	E
Lauric Acid 36%	E	F	E	E
Mercury	G	G	G	N/A
Methyl Cellosolve	F	NR	F	F
Methyl Chloride (a)	NR	NR	NR	NR
Methyl Ethyl Ketone, MEK	F	NR	NR	NR
Methyl Isobutyl Ketone	NR	NR	NR	NR
Methyl Methacrylate	NR	NR	NR	NR
Mineral Spirits	NR	F	E	E
Monoethanolamine	E	E	E	E
Morpholine	F	NR	NR	NR
Naphtha VM & P	NR	F	E	G
Nitric Acid 10%	G	G	E	E
Oleic Acid	F	F	E	F
Oxalic Acid	E	E	E	E
Palmitic Acid	F	F	F	E
Perchloric Acid 60%	F	E	E	E
Perchloroethylene	NR	NR	G	NR
Phenol 90%	F	G	NR	E
Sodium Hydroxide 50%	E	G	E	E
Stoddard Solvent	NR	F	E	E
Styrene	NR	NR	NR	NR
Tannic Acid 65%	E	E	E	E
Tetrahydrofuran, THF	NR	NR	NR	NR
Toluene	NR	NR	F	NR
Trichloroethylene, TCE	NR	NR	NR	NR
Tricresyl Phosphate	E	F	E	F
Triethanolamine	G	E	E	E
Turpentine	NR	NR	E	NR

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