

CHEMICAL RESISTANCE CHART



GLOVES4U



Chemical Resistance Glove Chart

P = Poor | F = Fair | G = Good | E = Excellent | X = Not Tested

Chemical	Latex	Nitrile	Synthetic
1,1,1,2-Tetrachloroethane	P	F	P
1,1,1-Trichloroethane	P	P	P
1,1,2-Trichloroethane	P	P	P
1,2,4,5-Tetrachlorobenzene	X	E	P
1,2,4-Trichlorobenzene	P	F	P
1,2-Dichlorobenzene (o-Dichlorobenzene)	P	P	P
1,2-Dichloroethylene	P	P	P
1,2-Propylenoxide	P	P	P
1,3-Dioxane	F	P	P
1,4-Dioxane	P	P	P
1-Nitropropane	G	P	P
2-(Diethylamino)ethanol	P	E	P
2-Chloroethanol	X	P	P
2-Hydroxyethyl acrylate	P	P	P
2-Hydroxyethyl methacrylate (HEMA)	X	X	X
2-Nitropropane	P	P	P
2-Nitrotoluene	P	P	P
3-Bromopropionic acid	G	F	X
4,4-Methylenedianiline (MDA)	X	X	X
5-Fluorouracil	X	X	X
Acetaldehyde	G	P	P
Acetamide	G	P	P
Acetate solvent	G	F	P
Acetic acid (glacial acetic acid) 99+ %	G	F	F
Acetic acid 30%	E	G	F
Acetic acid anhydride	G	F	P
Acetone	F	P	P
Acetonitrile	F	F	P
Acetyl chloride	P	P	P
Acetylene	G	E	F
Acryl Acid	P	F	P
Acrylamide, 30-70%	P	E	F
Acrylic Acid	G	G	P
Acrylonitrile	P	P	P
Adipic acid	E	E	X
Allyl alcohol	P	P	P
Allylamine	P	P	P
Allylchloride (3-Chloroporpene)	P	P	P
Aluminium Acetate	E	G	X
Aluminium Chloride	E	E	G
Aluminium Fluoride	G	E	F
Aluminium Hydroxide	P	E	F
Aluminium Nitrate	E	E	X
Aluminium Potassium Sulfate	E	E	F
Aluminium Sulfate	E	E	G
Amine	G	P	
Ammonia anhydrous	P	G	G
Ammonia gas (cold)	E	E	X
Ammonia gas (hot)	P	P	X
Ammonia Nitrate	X	F	X

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Chemical	Latex	Nitrile	Synthetic
Ammonia solution, 30%	P	E	X
Ammonium Acetate	E	E	X
Ammonium bifluoride	X	E	X
Ammonium Carbonate	E	G	X
Ammonium casenite	X	X	X
Ammonium Chloride	E	G	X
Ammonium flouride, 30-70%	E	E	G
Ammonium Hydroxide, <30%	G	E	P
Ammonium Hydroxide, 30-70%	G	E	P
Ammonium Hydroxide 85%	X	G	P
Ammonium Nitrate	F	E	G
Ammonium Nitrile	E	E	G
Ammonium Oxalate	X	E	X
Ammonium Persulfate	E	P	P
Ammonium Phosphate	E	E	F
Ammonium Sulfate	E	E	G
Ammonium Thiosulfate	X	E	X
Amyl acetate	P	P	P
Amyl Alcohol	G	G	G
Amyl chloride	X	G	X
Anhydrous Ammonia	P	G	G
Aniline	F	F	F
Aniline hydrochloride	G	G	X
Animal Fats	F	E	X
Anodex	X	X	X
Aqua regia	P	F	P
Arochlor 1248	P	P	X
Aromatic hydrocarbons	P	X	X
Arsenic acid	G	E	X
Arsenic trichloride	P	E	X
Asphalt	P	G	X
AZT	G	X	X
Barium carbonate	E	E	X
Barium chloride	E	E	G
Barium cyanide	X	F	F
Barium hydroxide	E	E	G
Barium nitrate	P	E	F
Barium Sulfate	E	E	F
Barium sulfide	E	E	F
Battery Acid	G	F	P
Beer	E	E	E
Benzaldehyde	P	P	P
Benzene	P	P	P
Benzoic acid	P	P	P
Benzol	P	P	P
Benzyl Alcohol	P	P	P
Benzyl benzoate	P	P	P
Benzyl Chloride	P	P	P
Bleach	P	G	X
Boric Acid	E	E	F

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Chemical	Latex	Nitrile	Synthetic
Ammonia solution, 30%	P	E	X
Ammonium Acetate	E	E	X
Ammonium bifluoride	X	E	X
Ammonium Carbonate	E	G	X
Ammonium casenite	X	X	X
Ammonium Chloride	E	G	X
Ammonium flouride, 30-70%	E	E	G
Ammonium Hydroxide, <30%	G	E	P
Ammonium Hydroxide, 30-70%	G	E	P
Ammonium Hydroxide 85%	X	G	P
Ammonium Nitrate	F	E	G
Ammonium Nitrile	E	E	G
Ammonium Oxalate	X	E	X
Ammonium Persulfate	E	P	P
Ammonium Phosphate	E	E	F
Ammonium Sulfate	E	E	G
Ammonium Thiosulfate	X	E	X
Amyl acetate	P	P	P
Amyl Alcohol	G	G	G
Amyl chloride	X	G	X
Anhydrous Ammonia	P	G	G
Aniline	F	F	F
Aniline hydrochloride	G	G	X
Animal Fats	F	E	X
Anodex	X	X	X
Aqua regia	P	F	P
Arochlor 1248	P	P	X
Aromatic hydrocarbons	P	X	X
Arsenic acid	G	E	X
Arsenic trichloride	P	E	X
Asphalt	P	G	X
AZT	G	X	X
Barium carbonate	E	E	X
Barium chloride	E	E	G
Barium cyanide	X	F	F
Barium hydroxide	E	E	G
Barium nitrate	P	E	F
Barium Sulfate	E	E	F
Barium sulfide	E	E	F
Battery Acid	G	F	P
Beer	E	E	E
Benzaldehyde	P	P	P
Benzene	P	P	P
Benzoic acid	P	P	P
Benzol	P	P	P
Benzyl Alcohol	P	P	P
Benzyl benzoate	P	P	P
Benzyl Chloride	P	P	P
Bleach	P	G	X
Boric Acid	E	E	F

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Chemical	Latex	Nitrile	Synthetic
Chlorine dioxide	P	P	P
Chlorine Gas	X	G	P
Chloroacetic acid (Monochloroacetic acid)	P	P	P
Chloroacetone	P	P	P
Chlorobenzene	P	P	P
Chlorobutadiene	P	P	P
Chlorodibromomethane	P	P	P
Chloroform (Trichloromethane)	P	P	P
Chloronaphthalenes	P	P	P
Chloropicrin	X	X	X
Chlorosulfonic acid	P	P	P
Chlorotoluene	P	P	P
Chocolate syrup	P	E	X
Chromic acid 5%	G	F	P
Chromic acid 10%	P	F	P
Chromic acid, 30-70%	P	P	P
Cisplatin	G	G	X
Citric Acid, 30-70%	E	E	G
Citric oils	X	E	X
Clove oil	X	E	X
Cobalt	E	E	X
Coconut oil	P	E	X
Cod liver oil	P	E	F
Coffee	E	E	E
Coke oven gas	P	P	P
Copper acetate	E	G	X
Copper Chloride	E	E	G
Copper cyanide	E	E	X
Copper fluoborate	G	G	X
Copper nitrate	X	E	X
Copper Sulfate	G	E	G
Corn oil	P	E	X
Cottonseed oil	P	E	F
Creosote (coal tar)	P	F	X
Cresol	P	P	P
Cresylic acid	P	P	X
Cumene (Isopropylbenzene)	P	F	P
Cupric Nitrate	X	F	F
Cyanic acid	X	F	X
Cyclohexane	P	G	X
Cyclohexanol	P	E	X
Cyclohexanone	P	P	P
Cyclohexylamine	P	P	P
Cyclophosphamide	X	X	X
Cytarabine	X	X	X
Dacarbazine	X	X	X
Decalin	P	P	P
Denatured alcohol	E	E	X
Detergent solution non-hydrocarbon	G	E	X
Diacetone Alcohol	F	G	X

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Chemical	Latex	Nitrile	Synthetic
Diallylamine	P	P	P
Dibenzyl ether	P	P	P
Dibutyl amine	P	P	P
Dibutyl ether	P	P	P
Dibutyl phthalate	P	F	P
Dibutyl sebecate	P	P	P
Dichloroacetyl Chloride	P	P	P
Dichlorobenzene	P	P	P
Dichloroethane	P	X	P
Dichloro-isopropyl ether	P	P	P
Diesel	P	E	X
Diethanolamine	G	E	G
Diethyl ether	P	P	P
Diethyl sebecate	P	G	X
Diethylamine	G	F	X
Diethylamine benzene	P	P	P
Diethyldichlorosilane	P	E	P
Diethylene Glycol	E	E	X
Diethylenetriamine	P	P	P
Dietylenglycol	G	E	F
Diglycidyl ether of bisphenol A	P	X	P
Dihydrogen monoxide	E	E	X
Diisobutyl ketone	P	P	P
Diisobutylamine	P	E	X
Diisobutylene	P	G	P
Diisopropylamine	P	F	P
Diisopropyl benzene	P	P	P
Dimethyl Ether	P	G	X
Dimethyl phthalate	P	P	P
Dimethylacetamide	G	G	X
Dimethylformamide (DMF)	P	G	P
Dimethylsulphoxide (DMSO)	P	P	P
Dimetyl sulphate	P	P	P
Di-N-Amylamine	P	E	X
Di-n-butyl phthalate (DBP)	P	E	X
Di-N-Butylamine	F	E	X
Dinitrotoluene	P	P	P
Di-N-Octyl Phthalate	F	G	X
Diocetyl phthalate (DOP)	P	F	X
Diocetyl sebecate	P	P	P
Dipentene	P	G	X
Diphenyl (phenylbenzene)	P	P	P
Diphenyl oxide	P	E	X
Disodium Phosphate	X	X	X
Dowtherm oil	P	P	P
Doxorubicin hydrochloride	X	X	X
Dry cleaning fluids	P	F	X
Dynamite	X	X	X
Ehtylene Glycol Dimenthyl Ether	F	F	X
Epichlorohydrin	P	P	P

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Chemical	Latex	Nitrile	Synthetic
Epoxy, base/accelerator	P	P	P
Ethane	P	E	X
Ethanol	P	F	P
Ethanolamine	G	G	X
Ether	P	P	P
Ethyl acetate	F	P	P
Ethyl acetoacetate	P	P	P
Ethyl acrylate	P	P	P
Ethyl alcohol	E	F	X
Ethyl benzene	P	P	P
Ethyl benzoate	E	P	P
Ethyl cellulose	G	G	X
Ethyl chloride	F	E	P
Ethyl ether (Diethyl ether)	P	F	X
Ethyl formate	P	P	P
Ethyl glycol (2-Ethoxyethanol)	P	F	P
Ethyl glycol acetate (2-Ethoxyethyl acetate)	P	F	P
Ethyl methacrylate	P	P	P
Ethyl pentochlorobenzene	P	P	P
Ethyl silicate	G	E	X
Ethylamine (Monoethylamine)	P	P	P
Ethylbenzene	P	P	P
Ethylendiamin (1,2-Diaminoethane)	P	P	P
Ethylene	F	E	X
Ethylene Chloride	P	P	P
Ethylene Chlorohydrin	G	P	P
Ethylene diamine	G	E	X
Ethylene dichloride (1,2-Dichloroethane)	P	P	P
Ethylene Glycol	E	E	G
Ethylene oxide gas	P	P	P
Ethylene trichloride	P	P	P
Ethylenglycol	E	E	G
Etoposide	X	X	X
Fatty acids	P	G	X
Ferric Chloride	E	E	G
Ferric nitrate	E	E	G
Ferrous chloride	E	E	X
Ferrous Sulfate	E	E	G
Fish oil	P	E	X
Fluorhydric acid, 30-70%	F	P	P
Fluorine	X	X	X
Fluorobenzene	P	P	P
Fluoroboric acid	E	G	X
Fluorolube	G	E	X
Fluosilicic Acid	G	E	F
Formaldehyde, 100%	G	F	X
Formaldehyde, 30-70%	G	G	F
Formic acid	G	F	X
Freon 11	P	F	X
Freon 113	P	E	X

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Chemical	Latex	Nitrile	Synthetic
Freon 114	E	E	X
Freon 12	P	G	X
Freon 13	E	E	X
Freon 21	P	E	X
Freon 22	G	P	X
Freon TMC	F	F	X
Fuel oil	P	G	X
Furan resin	P	P	P
Furfural (2-Furaldehyde)	P	P	P
Furfuryl alcohol	P	P	P
Gallic acid	E	G	X
gamma-Butyrolactone	P	P	P
Gasoline, 40-50% Aromatics	P	E	X
Gasoline, Unleaded	P	E	X
Gasoline, White 100%	X	X	X
Gelatin	E	E	G
Ginger Oil	X	E	X
Glucose	E	E	E
Glue PVA	G	E	X
Glutaraldehyde, 30-70%	F	G	X
Glycerin	E	E	E
Glycerol	E	E	G
Glycol	E	E	G
Gold monocyanoide	X	E	X
Grease	X	G	X
Green sulfate liquor	G	G	X
Hexane	P	G	P
Helix alcohol	G	E	X
Heptane	P	E	P
Hexamethyldisilasan	P	G	P
Hexamethyldisiloxane	P	G	X
Hexamethylene-1,6-diisocyanate	X	X	P
Hexyl alcohol	E	E	X
Hydraulic oil (petroleum)	P	E	X
Hydraulic oil (synthetic)	P	G	X
Hydrazine	F	E	X
Hydrobromic acid, 100%	E	P	P
Hydrobromic acid, 20%	E	P	P
Hydrochinon	G	G	F
Hydrochloric acid 100%	P	P	P
Hydrochloric Acid, 30-70%	G	F	X
Hydrocyanic acid	E	P	X
Hydrofluoric acid 20%	F	P	X
Hydrofluoric acid 50%	F	P	X
Hydrofluoric acid 75%	P	P	X
Hydrofluoric acid 100%	P	P	X
Hydrofluosilic acid 20%	E	G	X
Hydrofluosilic acid 100%	P	F	X
Hydrogen gas	G	E	X
Hydrogen Peroxide 10%	P	P	X

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Chemical	Latex	Nitrile	Synthetic
Hydrogen Peroxide 30%	G	G	X
Hydrogen Peroxide 50%	G	G	X
Hydrogen Peroxide 100%	G	G	X
Hydrogen Sulfide - Dry	E	E	F
Hydroperoxide, 30-70% (Hydrosuperoxide)	E	E	F
Hydroquinone	G	F	X
Hydroxyacetic acid 70%	X	E	P
Hypochlorites	F	F	F
l-Chloronaphthalene	P	P	P
III-Trichloroethane (Methyl chloroform)	P	P	P
Isofamidine	X	X	X
Iodine	P	P	P
Iodoform	G	X	X
Iron Chloride	X	G	F
Iron Sulfates	X	G	F
Isobutane	X	E	X
Isobutanol (Isobutyl alcohol)	F	G	X
Isooctane	P	E	X
Isophorone diisocyanate	F	E	X
Isopropyl acetate	P	P	P
Isopropyl Alcohol	E	G	P
Isopropyl chloride	P	P	P
Isopropyl ether	P	G	X
Jet Fuel, <30% Aromatics 73-248C	P	G	X
Kerosene	P	E	X
Ketones	X	P	P
Lacquer Thinners	P	P	P
Lacquers	P	P	P
Lactic Acid	E	E	G
Lard	P	E	X
Latex	X	E	X
Laurin acid, 30-70%	G	E	P
Lavender oil	P	G	X
Lead acetate	E	G	X
Lead nitrate	E	E	X
Lead sulfamate	G	G	X
Lime	X	E	X
Limonene	P	P	P
Linoleic Acid	P	G	G
Linseed oil	P	E	X
Liquefied petroleum gas (LPG)	P	E	X
Lubricating oil	P	E	X
Lye	G	G	X
Magnesium carbonate	X	E	X
Magnesium Chloride	E	E	G
Magnesium hydroxide	G	G	X
Magnesium nitrate	X	E	X
Magnesium oxide	X	E	X
Magnesium Sulfate	G	E	G
Malathion, 30-70%	E	E	X

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Chemical	Latex	Nitrile	Synthetic
Maleic Acid	G	G	F
Maleic anhydride	P	P	P
Malein acid	G	G	F
Malic acid	F	G	X
Mayonnaise	X	E	X
Melamine	X	F	X
Mercaptoacetic acid (Thioglycol acid)	P	P	P
Mercuric chloride (dilute)	E	E	X
Mercuric cyanide	P	E	X
Mercury	E	E	X
Mesityl oxide	P	P	P
Methacryl acid	P	P	P
Methane	P	E	X
Methanol (Methyl alcohol)	E	E	F
Methotrexate	X	X	X
Methyl acetate	P	P	P
Methyl acetone	P	P	P
Methyl acrylate	E	P	P
Methyl Alcohol	E	E	G
Methyl bromide	F	G	P
Methyl butyl ketone (propyl acetone)	P	P	P
Methyl cellosolve	P	F	X
Methyl chloride	P	P	P
Methyl dichloride	X	P	P
Methyl Ethyl Ketone	F*	P	P
Methyl glycol (2-Methoxyethanol)	P	P	P
Methyl glycol acetate	P	P	P
Methyl iodine (Iodine methane)	P	P	P
Methyl Isobutyl Ketone	P	P	P
Methyl isopropyl ketone	P	P	P
Methyl methacrylate	P	P	P
Methyl oleate	P	P	P
Methyl tert-butyl ether (MTBE)	P	G	P
Methylamine, 30-70%	P	F	X
Methylenbispheny-44'-diisocyanate	X	X	X
Methylenbromide (Dibromomethane)	P	P	P
Methylene Chloride (Dichloromethane)	G	P	P
Methylisobutylketone (MIBK)	P	P	P
Milk	E	E	E
Mineral oil	X	E	F
Mineral Spirits	P	P	X
Mitomycin	X	X	X
Mitoxantrone	X	X	X
Molasses	E	E	E
Monochlorobenzene	P	P	P
Monoethanolamine	G	G	X
Monoethylether	P	E	X
Monovinyl acetylene	G	E	X
Muriatic acid 37%	G	E	F
Muriatic acid 100%	X	X	X

* Performance on Latex High Risk glove only for short term use. Standard Latex is not suitable.

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Chemical	Latex	Nitrile	Synthetic
Mustard	G	G	G
N,N-Dimethylacetamide	P	P	X
N,N-Dimethylaniline (DMA)	P	X	P
Naphtha, Aromatics	P	G	X
Natural gas	X	X	X
Nickel acetate	E	G	X
Nickel chloride	E	E	X
Nickel sulfate	G	E	X
Nitrating acid (<1% acid)	F	X	X
Nitrating acid (<15% H2SO4)	F	X	X
Nitrating acid (>15% HNO3)	F	X	X
Nitric acid 20%	P	G	X
Nitric acid 50%	P	X	X
Nitric Acid 70%	P	P	P
Nitrobenzene	P	P	P
Nitroethane	G	P	X
Nitrogen	E	E	X
Nitroglycol	X	X	X
Nitroglycerol (Nitroglycerin)	X	X	X
Nitromethane	P	P	P
Nitropropane	P	P	P
Nitrous acid	F	X	X
N-Nitrosodiethylamine	X	P	P
N-Pentane	P	E	P
N-Propyl Alcohol	P	G	X
O-Chlorotoluene (2-Chlorotoluene)	P	P	P
Octachlorotulene	P	P	P
Octyl Alcohol	G	G	X
O-dichlorobenzene	P	P	P
Oleic Acid	F	X	X
Olein acid (Oil acid)	G	E	F
Oleum 100%	P	P	P
Oleum 25%	P	P	P
Olive oil	F	E	X
Orange oil	X	E	X
O-Toluidine	X	X	X
Oxalic acid	F	G	F
Oxygen-cold	G	G	X
Ozone	P	P	X
Paclitaxel	X	X	X
Palm oil	X	E	X
Palmitic Acid	F	E	G
Palmitin acid	P	F	X
Paraffin	G	E	X
PCB (Polychlorinated Biphenyls)	P	F	X
Peanut oil	X	E	X
Pentachlorophenol	P	G	X
Pentane	P	E	X
Peppermint oil	X	G	X
Perchloric acid, 30-70%	G	E	X

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Chemical	Latex	Nitrile	Synthetic
Perchloroethylene	P	F	X
Peroxyacetic Acid	P	P	P
Petrol, unleaded	P	E	X
Petroleum Ethers, 80-110C	P	G	X
Phthalic anhydride	F	G	P
Phenol, > 70%	P	P	P
Phenyl hydrazine	E	P	P
Phenylbenzene	P	P	P
Phorone	P	P	P
Phosphoric acid - 20%	G	E	X
Phosphoric acid - 80%	G	E	X
Phosphoric trichloride	P	P	P
Photogen	P	E	P
Picric acid	G	G	X
Picrine acid	P	F	X
Piperazine	P	P	P
Polychlorinated biphenyls (PCB)	P	F	X
Polyvinyl acetate emulsion	G	X	X
Potash	G	E	X
Potassium acetate	P	G	X
Potassium bicarbonate	G	E	X
Potassium Bromide	G	E	G
Potassium Carbonate	G	E	G
Potassium chlorate	G	F	X
Potassium Chloride	E	E	G
Potassium chromate	G	E	X
Potassium cupro cyanide	E	E	X
Potassium Cyanide	E	E	G
Potassium Dichromate	G	E	F
Potassium Ferrocyanide	E	P	X
Potassium Hydrochlorite	X	G	F
Potassium hydroxide	G	G	F
Potassium Iodide	G	E	X
Potassium nitrate acid, 30-70%	P	F	X
Potassium permanganate	G	F	X
Potassium Sulfate	G	E	G
Potassium Sulfide	G	E	G
Povidone Iodine	E	G	X
Propane	P	E	X
Propyl Acetate	P	F	X
Propyl Alcohol	E	E	G
Propyl nitrate	P	P	P
Propylene	P	P	P
Pyranol (transformer oil)	P	E	X
Pyridine	P	P	P
Round Up (Glyphosate)	X	G	X
Rubber Solvent	P	G	X
Sal ammoniac	E	E	X
Salicylic acid	E	G	X
Salt water	E	E	E

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Chemical	Latex	Nitrile	Synthetic
Sesame seed oil	X	E	X
Sewage	G	E	X
Silicon Etch	P	P	P
Silicon greases	E	E	X
Silicon oils	E	E	X
Silver bromide	X	X	X
Silver Nitrate	E	G	X
Soap solutions	G	E	X
Sodium acetate	E	G	X
Sodium aluminate	G	E	X
Sodium bicarbonate	E	G	X
Sodium bisulfate	E	G	F
Sodium bisulfite	E	E	X
Sodium borate (Borax)	E	E	X
Sodium Carbonate	E	E	E
Sodium chlorate	E	F	X
Sodium Chloride	E	E	E
Sodium chromate	X	E	X
Sodium cyanide	E	E	X
Sodium Fluoride	F	E	X
Sodium hydrosulfite	E	X	X
Sodium hydroxide 20%	E	G	F
Sodium hydroxide 50%	E	G	F
Sodium hydroxide 80%	E	G	X
Sodium hypochlorite, 30-70%	G	E	F
Sodium hyposulfate	F	X	X
Sodium metaphosphate	E	E	X
Sodium metasilicate	X	E	X
Sodium Nitrate	G	G	G
Sodium perborate	G	G	X
Sodium peroxide	G	G	X
Sodium Phosphate	E	E	G
Sodium Polyphosphate	E	E	X
Sodium Silicate	E	E	G
Sodium Sulfate	G	E	G
Sodium Sulfide	G	E	G
Sodium Sulfite	G	E	G
Sodium tetraborate	X	E	X
Sodium Thiosulfate	G	G	G
Sorghum	X	E	X
Stannic chloride	E	E	X
Stannic fluoborate	X	E	X
Stannous chloride	E	E	X
Starch	X	G	X
Stearic Acid	P	G	G
Stoddard Solvent	X	G	X
Styrene (Vinylbenzene)	P	P	P
Sugar (liquids)	E	E	X
Sulfate (liquor)	X	E	X
Sulfur	P	P	P

Chemical Resistance Glove Chart

P = Poor | F = Fair | G = Good | E = Excellent | X = Not Tested

Chemical	Latex	Nitrile	Synthetic
Sulfur chloride	P	P	P
Sulfur dioxide	G	P	P
Sulfuric acid 10%	F	P	X
Sulfuric acid 40%	P	P	P
Sulfuric acid 47%	P	P	P
Sulfuric acid 95%	P	P	P
Sulfuric trioxide	F	P	X
Sulfurous acid	F	F	F
Sulfuryl chloride	X	X	X
Tallow	X	E	X
Tannic acid	E	G	F
Tar bituminous	P	G	X
Tartaric acid	F	E	X
Terpinol	P	G	X
Tertiary butyl alcohol	G	G	X
Tetrachloroethane	P	P	P
Tetrachloroethylene	P	F	X
Tetraethyl lead	P	G	X
Tetrahydrofuran	P	F	P
Thio-Tepa	X	X	X
Toluene	P	P	P
Transformer oil	P	E	X
Transmission fluid	P	E	X
Trichloroacetic acid	P	G	X
Trichloroethane	P	P	P
Trichloroethylene	P	P	P
Trichloropropane	X	E	X
Tricresyl Phosphate	P	F	X
Triethylamine	P	G	G
Triethylenetetraamine (TETA)	P	E	X
Trinitrotoluene	P	P	P
Turbine oil	P	G	X
Turpentine	P	E	X
Varnish	P	G	X
Vegetable oil	X	E	X
Vincristine Sulfate	X	X	X
Vinegar	G	G	G
Vinyl chloride gas (Chloroethane)	P	G	P
Vinylidene chloride (1,1-Dichloroethylene)	P	P	P
Whiskey, wines	E	E	E
White oil	P	E	X
Wood oil	P	E	X
Xylene	P	F	P
Zinc chloride	E	E	G
Zinc hydrosulfite	P	E	X
Zinc sulfate	G	E	X

This chart is a guide only and caution should be taken when handling these chemicals. This information is based on laboratory evaluations and published research data but factors such as variations in glove thickness, chemical concentration, temperature, length of time and degree of exposure all affect the performance. This chart does not serve as a warranty for the performance of the glove type in any specific application.

Gloves 4U Chemical Resistance Chart

The Gloves 4U Chemical Resistance Chart is intended as a quick guide only. It has been designed to be a reference tool to get you started in the complex glove selection process and is to be used as general information only. For more specific information such as breakthrough and permeation time, please contact our sales team on 0113 237 2555 or email sales@gloves4u.eu

The team at Gloves 4U recommends that you use caution at all times – our gloves are disposable products designed to provide the wearer with barrier protection, and are not designed for prolonged contact with chemicals. Please ensure you are wearing the correct glove for your safety.

Gloves 4U Tips on staying safe whilst using chemicals:

- Before donning your gloves, wash and dry your hands carefully
- Ensure that the glove you are using is suitable for the chemical that you are using
- Do not use gloves beyond the recommended exposure time.
- Check the gloves during use for any sign of degradation.
- When removing the glove, ensure that you do not touch the outside of the contaminated glove with your bare hand





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