

OMNI INTERNATIONAL CHEMICAL COMPATIBILITY CHART FOR NITRILE, LATEX AND VINYL GLOVES

COLOR CODED KEY FOR CHEMICAL COMPATIBILITY RATINGS

COLOR	SYMBOL	RATING
	E or G	EXCELLENT OR GOOD
	F	FAIR
	P	POOR
(If Blank)	(If Blank)	NOT TESTED

CHEMICAL	OMNITECH OMNITRUST NITRILE	OMNITECH OMNITRUST LATEX	OMNITECH OMNITRUST VINYL
Acetaldehyde	P	G	G
Acetic Acid, Glacial	G	G	G
Acetic Anhydride	F	G	
Acetone	F	G	
Acetonitrile	F	F	
Aluminum Sulfate			G
Aluminum Chloride			G
Aluminum Sulfate			G
Ammonium Chloride			G
Ammonium Nitrate			G
Ammonium Sulfate			G
Ammonium Nitrate			G
Anhydrous Ammonia			G
Anodex			G
Acrylic Acid	G	G	
Ammonium Acetate	E	E	
Ammonium Carbonate	E	E	
Ammonium Fluoride, 30-70%	E	E	
Ammonium Hydroxide, 30-70%	E	E	G
Ammonium Hydroxide, <30%	E	E	G
Amyl Alcohol	E	G	G
anhydrous Ammonia			G
Aniline	F	G	G
Aqua Regia	P	P	
AZT	no info	G	
Barium Sulfate			G
Benzaldehyde	P	F	
Benzene	F	P	
Benzyl Alcohol			G
Benzyl Chloride			G
Boric Acid	E	G	G
Bromopropionic Acid	F	G	
Butyl Acrylate	P	P	
Butyl Alcohol			G
Butyl Cellusolve	G	G	
Calcium Chloride			G
Calcium Bisulfite			G
Calcium Hydroxide	E	E	G
Calcium Hypochlorite			G
Carbolic Acid			G
Carbon Disulfide	G	P	

CHEMICAL	OMNITECH OMNITRUST NITRILE	OMNITECH OMNITRUST LATEX	OMNITECH OMNITRUST VINYL
Carbon Tetrachloride	P	P	
Cationic Detergent	G	G	
Caustic Soda	G	G	G
Chlorine Solution			G
Chlorhexidine Solutions	E	F	
Chlorobenzene	P	P	
Chlorodibromomethane	P	P	
Chloroform	P	P	
Chloronaphthalenes			
Chloropicrin			G
Chromic Acid	F	P	G
Cisplatin	G	G	
Citric Acid, 30%-70%	E	E	G
Copper Chloride			G
Copper Sulfate			G
Cresol			G
Cupric Nitrate			G
Cyclohexane	E	P	
Cyclohexanol	E	G	
Cyclohexanone	P	P	
Cyclohexylamine	P	P	
Di-N-Amylamine	E	P	
Di-N-Butylamine	E	F	
Di-N-Butyl Phthalate	E	F	
Di-N-Octyl Phthalate	E	F	
Diacetone Alcohol	G	F	
Diallylamine	P	P	
Dichloroacetyl Chloride	P	P	
Diesel Fuel	E	P	
Diethanolamine	E	E	G
Diethylamine	G	F	
Diethylene Glycol	E	E	
Diethylenetriamine	P	P	
Diisobutyl Keytone	G	P	
Diisobutylamine	E	P	
Dimethyl Ether	G	P	
Dimethyl Sulfoxide (DMSO)	G	E	
Dimethylacetamide	F	G	
Dimethylformamide (DMF)	P	P	
1,3-Dioxane	P	F	
1,4-Dioxane	P	P	
Disodium Phosphate			G
Epichlorohydrin	P	F	
Ethanol	E	E	
Ethyl Acetate	P	F	
Ethyl Alcohol			G
Ethyl Ether	G	P	
Ethylene Glycol Dimethyl Ether	F	F	G
Ethylene Dichloride	P	P	
Ethylene Glycol	E	E	G
Ferric Chloride			G
Ferrous Sulfate			G
Fluosilicic Acid			G
Formaldahide, 30-70%	E	G	
Formic Acid	G	E	G

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Freon 113 or TF	E	P	
Freon TMC	F	F	
Furfural	P	P	
Gasoline, 40-50% Aromatics	E	P	
Gasoline, Unleaded	G	P	
Glutaraldehyde, <5%	G	G	G
Glycerine			
Glycerol	E	E	G
Glycol			G
Heptanes	E	P	
Hexamethyldisiloxane	G	P	
Hexamethylene Tetramine			G
Hexane	E	P	
Hydrazine	E	F	
Hydrochloric Acid, <30%	G	E	G
Hydrochloric Acid, 30-70%	G	G	
Hydrofluoric Acid, <50%	E	E	
Hydrogen Sulfide			G
Hypochlorites	F	F	G
Iron chloride			G
Iron Sulfates			G
Isobutyl Alcohol	E	P	G
Isooctane	E	P	
Isopropyl Alcohol	E	E	
Isopropylamine	P	P	
Jet Fuel, <30% Aromatics 73-248C	G	P	
Kerosene	E	P	
Lactic Acid	E	E	G
Lauric Acid	G	G	G
Lineoleic Acid			G
Magnesium Chloride			G
Magnesium Sulfate			G
Malathion, 30-70%	E	E	
Maleic Acid	G	G	G
Mercury			
Methanol	F	F	G
Methyl Alcohol			G
Methyl Acetate			
Methyl Ethyl Ketone	P	P	
Methyl Isobutyl Ketone	P	P	
Methyl Methacrylate	P	P	
Methylene Chloride	P	P	
Monoethanoamine			G
Muriatic Acid			G
N-Amyl Acetate	F	P	
N-Butyl Acetate	F	P	
N-Butyl Alcohol	E	E	
N-Methyl-2-Pyrrolidone	P	E	
N-Nitrosodiethylamine	P	no info	
N-Propyl Alcohol	E	E	
Naphtha, 15-20% Aromatics	E	P	
Naphtha, <3% Aromatics	E	P	
Naphthalene			G

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Nitric Acid, <30%	E	E	
Nitric Acid, 30-70%	P	P	
Nitrobenzene	F	F	
Nitroethane	P	E	
1-Nitropropane	P	G	
2-Nitropropane	P	P	
Octane	E	P	
Octyl Alcohol	E	E	
Oleic Acid	E	G	
Oxalic Acid	E	E	G
Palmitic Acid	E	F	G
Paradichlorobenzene			G
PCB (Polychlorinated Biphenyls)	G	P	
Pentachlorophenol	G	P	
Pentane	E	P	
Perchloric Acid, 30-70%	E	F	
Perchloroethylene	G	P	
Peroxyacetic Acid	P	P	
Petroleum Ethers, 80-110C	G	P	
Phenol, >70%	G	G	G
Phosphoric Acid, >70%	E	G	G
Picric Acid	E	G	
Potassium Bromide			G
Potassium Carbonate			G
Potassium Chloride			G
Potassium Cyanide			G
Potassium Dichromate			G
Potassium Ferrocyanide			G
Potassium Hydroxide	E	G	G
Potassium Iodide	E	E	
Potassium Hydrochlorite			G
Potassium Nitrate			G
Potassium Phosphate			G
Potassium Silicate			G
Potassium Sulfate			G
Potassium Sulfide			G
Potassium Thiosulfate			G
Povidone Iodine	G	E	
Propyl Acetate	F	P	
Propnol-iso			G
Propyl Alcohol			G
Pyridine	P	P	
Silicon Etch	P	P	
Silver Nitrate	G	E	
Sodium Carbonate	E	E	G
Sodium Chloride	E	E	G
Sodium Fluoride	E	E	
Sodium Hydroxide, 30-70%	E	E	G
Sodium Hypochlorite	G	G	G
Sodium Nitrate			G
Sodium Phosphate			G
Sodium Silicate			G
Sodium Sulfate			G
Sodium Sulfide			G
Sodium Sulphite			G
Sodium Thiosulfate	E	E	G
Stearic Acid			G

CHEMICAL	OMNITECH OMNITRUST NITRILE	OMNITECH OMNITRUST LATEX	OMNITECH OMNITRUST VINYL
Styrene	P	P	
Sulfuric Acid, 30-70%	F	E	
Sulfuric Acid, <30%	no info	E	G
Sulfuric Acid, >70%	P	P	
Tannic Acid	G	G	G
1,2,4,5-Tetrachlorobenzene	E	no info	
1,1,1,2-Tetrachloroethane	F	P	
Tetrahydrofuran	F	P	
Toluene	F	P	
Toluene-2,4-Diisocyanate (TDI)	P	P	
1,2,4-Trichlorobenzene	F	P	
1,1,1-Trichloroethane	P	P	
1,1,2-Trichloroethane	P	P	
Trichloroethiene	P	P	
Tricresyl Phosphate	G	G	
Triethanolamine	E	F	G
Trinitrotoluene			G
Trinitrotoluol			G
Turpentine	E	P	G
Xylenes	F	P	

CAUTION: It is recommended that you test gloves before use. These chemical compatibility ratings are based on laboratory evaluations, published research and industrial trade journals. Glove suitability should be determined by the purchaser for each application or materials handled.

OmniTech and OmniTrust gloves are designed for light, indirect exposure to the chemicals listed. OmniTech and OmniTrust gloves were not individually tested as the suitability may vary according to ultimate use.

Statements and chemical compatibility ratings contained herein are not an implied or written warranty.