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Glove Guide: Chemical Resistance

Use this table to check the resistance of Nitrile and Latex gloves to a wide range of chemicals.

P=Poor F=Fair G=Good E=Excellent

Chemical	Nitrile	Latex	Chemical	Nitrile	Latex	Chemical	Nitrile	Latex
Acetaldehyde	P	G	Diisobutyl Ketone	G	P	N-Amyl Acetate	F	P
Acetic Acid	G	E	Diisobutylamine	E	P	N-Butyl Acetate	F	P
Acetic Anhydride	F	G	Dimethyl Ether	G	P	N-Butyl Alcohol	E	E
Acetone	F	G	Dimethyl Sulfoxide (DMSO)	G	E	N-Methyl-2-Pyrrolidone	P	E
Acetonitrile	F	F	Dimethylacetamide	F	G	N-Nitrosodiethylamine	P	No info
Acrylic Acid	G	G	Dimethylformamide (DMF)	P	P	N-Propyl Alcohol	E	E
Ammonium Acetat	E	E	1, 3-Dioxane	P	F	Naphtha, 15-20% Aromatics	E	P
Ammonium Carbonate	E	E	1, 4-Dioxane	P	P	Naphtha, < 3% Aromatics	E	P
Ammonium Fluoride, 30-70%	E	E	Epichlorohydrin	P	F	Nitric Acid, < 30%	E	E
Ammonium Hydroxide, 30 -70%	E	E	Ethanol	E	E	Nitric Acid, 30-70%	P	P
Ammonium Hydroxide, < 30%	E	E	Ethyl Acetate	P	F	Nitrobenzene	F	F
Amyl Alcohol	E	G	Ethyl Ether	G	P	Nitroethane	P	E
Aniline	F	G	Ethylene Glycol Dimethyl Ether	F	F	1-Nitropropane	P	G
Aqua Regia	P	P	Ethylene Dichloride	P	P	2-Nitropropane	P	P
AZT	No info	G	Ethylene Glycol	E	E	Octane	E	P
Benzaldehyde	P	F	Formaldehyde, 30-70%	E	G	Phenol, > 70%	G	G
Benzene	F	P	Formic Acid	G	E	Phosphoric Acid, > 70%	E	G
Boric Acid	E	G	Freon 113 OR TF	E	P	Picric Acid	E	G
Bromopropionic Acid	F	G	Freon TMC	F	F	Potassium Hydroxide	E	G
Butyl Acrylate	P	P	Furfural	P	P	Potassium Iodide	E	E
Butyl Cellusolve	G	G	Gasoline, 40-50% Aromatics	E	P	Propyl Acetate	F	P
Calcium Hydroxide	E	E	Gasoline, Unleaded	G	P	Pyridine	P	P
Carbon Disulfide	G	P	Glutaraldehyde, < 5%	G	G	Silicon Etch	P	P
Carbon Tetrachloride	P	P	Glycerol	E	E	Silver Nitrate	G	E
Chlorobenzene	P	P	Heptanes	E	P	Sodium Carbonate	E	E
Chlorodibromomethane	P	P	Hexamethyldisiloxane	G	P	Sodium Chloride	E	E
Chloroform	P	P	Hexane	E	P	Sodium Fluorid	E	E
Chloronaphthalenes	P	P	Hydrazine	E	F	Sodium Hydroxide, 30-70%	E	E
Chromic Acid	F	P	Hydrochloric Acid, < 30%	G	E	Sodium Hypochlorite	E	E
Cisplatin	G	G	Hydrochloric Acid, 30-70%	G	G	Sodium Thiosulfate	E	E
Citric Acid, 30-70%	E	E	Hydrofluoric Acid, < 50%	E	E	Styrene	P	P
Cyclohexane	E	P	Isobutyl Alcohol	E	P	Sulfuric Acid, 30-70%	F	E
Cyclohexanol	E	G	Isooctane	E	P	Sulfuric Acid, < 30%	No info	E
Cyclohexanone	P	P	Isopropyl Alcohol	E	E	Sulfuric Acid, > 70%	P	P
Cyclohexylamine	P	P	Isopropylamine	P	P	Tannic Acid	G	G
Di-N-Amylamine	E	P	Jet Fuel < 30% Aromatics 73-248C	G	P	1,2,4,5-Tetrachlorobenzene	E	No info
Di-N-Butylamine	E	P	Kerosene	E	P	1,1,1,2-Tetrachloroethane	F	P
Di-N-Butyl Phthalate	E	F	Lactic Acid	E	E	Tetrahydrofuran	F	P
Di-N-Octyl Phthalate	E	F	Lauric Acid	G	G	Toluene	F	P
Diacetone Alcohol	G	F	Malathion, 30-70%	E	E	Toluene-2, 4-Diisocyanate (TDI)	P	P
Diallylamine	P	P	Maleic Acid	G	G	1,2,4-Trichlorobenzene	F	P
Dichloroacetyl Chloride	P	P	Methano	F	F	1,1,1-Trichloroethane	P	P
Diesel Fuel	E	P	Methyl Acetate	P	P	1,1,2-Trichloroethane	P	P
Diethanolamine	E	E	Methyl Ethyl Ketone	P	P	Trichloroethylene	P	P
Diethylamine	G	F	Methyl Isobutyl Ketone	P	P	Tricresyl Phosphate	G	G
Diethylene Glycol	E	E	Methyl Methacrylate	P	P	Triethanolamine	E	E
Diethylenetriamine	P	P	Methylene Chloride	P	P	Turpentine	E	P
						Xylenes	F	

281 Heads Rd
P0 Box 2059
Wanganui 4543

Phone. (06) 349 0388
Fax. (06) 344 2015

Email: sales@bastionpacific.co.nz
Website: www.bastionpacific.co.nz