

This table gives only general indications. It is important to bear in mind the resistance of a glove depends on factors such as the exact nature of the chemical product, its temperature, concentration, the thickness of the glove, the immersion times etc...

IDAS Disposables recommends a preliminary test to be carried out to determine whether or not the glove is suitable for use in real conditions.

KEY		
3	Excellent	The Glove may be used over long periods of contact with a chemical product (limited to breakthrough time)
2	Good	The Glove may be used over periods of short repeated contact with the chemical product (for a total period of time not exceeding the breakthrough time)
1	Fair	The Glove may be used against chemical splashes
X	Not Recommended	Usage of this glove is not recommended

Chemical Name	Latex	Nitrile	Vinyl
Acetaldehyde	2	X	X
Acetic acid 50%	3	1	3
Acetic acid, glacial	2	1	1
Acetone	1	X	X
Alcoholic beverages	3	3	3
Ammonium acetate	3	3	3
Ammonium carbonate	3	3	3
Ammonium chloride	3	3	3
Ammonium hydroxide (conc.)	3	2	3
Ammonium nitrate	3	3	3
Amylic Alcohol	1	2	1
Aniline	1	X	1
Animal fats	1	3	2
Asphalt	X	3	1
Beet	3	3	3
Benzaldehyde	X	1	X
Benzene	X	1	X
Benzyl alcohol	1	1	2
Bleach	2	3	2
Borax	3	3	3
Brake fluid	1	3	2
Bromide	1	3	1
Butoxyethanol	2	3	1
Butter	X	3	1
Butyl acetate	X	2	X
Calcium chloride	3	3	3
Calcium hydroxide	3	3	3
Calcium hypochloride	3	3	3
Calcium nitrate	3	3	3
Calcium phosphate	3	3	3
Carbon tetrachloride	X	2	1
Castor Oil	X	3	1
Chlorine	1	3	1
Chloroacetone	3	X	X
Chloroform	X	1	X

Chemical Name	Latex	Nitrile	Vinyl
Chromic acid	1	1	2
Citric acid	3	3	3
Creosote	1	3	2
Cresol	2	3	2
Cutting oil	X	3	3
Cyclohexane	X	3	1
Cyclohexanol	3	3	3
Cyclohexanone	2	X	X
Dead lime	3	3	3
Diacetone alcohol	3	2	X
Dibutyl phthalate	1	3	X
Dibutylether	X	2	1
Dichloroethane	X	1	X
Diesel Oil	X	3	1
Diethanolamine	3	3	3
Diocetyl Phthalate	1	3	X
Dyes (hair)	3	3	3
Ethanol (ethylic alcohol)	2	3	3
2-Ethoxyethanol	1	3	2
2-Ethoxyethylacetate	X	1	X
Ethyl acetate	X	1	X
Ethylamine	X	X	X
Ethylaniline	1	3	1
Ethylene glycol	3	3	3
Fertiliser	3	3	3
Fish and shellfish	1	3	1
Fixing salt	3	3	3
Fluorine	1	3	1
Formaldehyde 30%	3	3	3
Formic acid 90%	2	1	3
Fuel oil	X	3	2
Furaldehyde	2	X	X
Gas oil	X	3	2
Glycerine	3	3	3
Glycerophthalic paint	X	3	1

Chemical Name	Latex	Nitrile	Vinyl
Glycol	3	3	3
Hairdressing bleaches	3	3	3
Hexane	X	3	1
Household detergents	3	2	3
Hydraulic fluid	X	3	1
Hydraulic fluids (esters)	3	3	1
Hydrochloric acid 30% & 50%	3	3	3
Hydrofluoric acid 30%	2	2	3
Hydrogen Peroxide	1	3	3
Isobutanol (isobutylic acid)	2	3	3
Isobutylcetone	3	X	X
Kerosene	X	3	2
Lactic acid 85%	2	2	3
Lard oil	X	3	1
Linseed oil	X	3	1
Lubricating oil	X	3	1
Magnesium oxide	3	3	3
Methanol (methyl alcohol)	1	3	2
2-Methoxyethanol	1	3	2
Methyl ethyl ketone	2	X	X
Methyl isobutyl ketone	2	X	X
Methylamine	2	3	3
Methylaniline	1	3	3
Methylene chloride	X	1	X
Milk and dairy products	1	3	X
Mineral fats	X	3	1
Monochlorobenzene	X	1	X
Monoethanalomine	3	3	3
N-butanol (butylic alcohol)	2	3	3
Naphta	X	3	2
Naphthalene	X	2	X
Nitric acid 20%	2	2	3
Nitrobenzene	X	X	X
Nitrohydrochloric acid	X	1	1
Nitropropane	1	X	X
Non alcoholic Beverages	3	3	3
Octanol (octyl alcohol)	3	3	3
Oleic acid	2	3	2
Olive oil	X	3	1
Oxalic acid	3	3	3
Paraffin oil	X	3	1
Peanut oil	X	3	1
Perchlorethylene	X	3	1
Perfumes and essences	3	3	3
Petrol	X	3	1
Petroleum ether	X	3	X
Petroleum Products	X	3	1
Phenol (phenic acid)	1	2	2
Phosphoric acid 75%	3	3	3

Chemical Name	Latex	Nitrile	Vinyl
Polyester resins	X	2	1
Potassium bicarbonate	3	3	3
Potassium bichromate	1	3	3
Potassium carbonate	3	3	3
Potassium chloride	3	3	3
Potassium cyanide	3	3	3
Potassium hydroxide (conc.)	3	2	3
Potassium nitrate	3	3	3
Potassium permanganate	3	3	3
Potassium phosphate	3	3	3
Potassium sulphate	3	3	3
Poultry	1	3	X
Setting agents	3	3	3
Shampoos	3	3	3
Silicate	3	3	3
Sodium bicarbonate	3	3	3
Sodium bisulphate	3	3	3
Sodium carbonate	3	3	3
Sodium chloride	3	3	3
Sodium hydroxide (conc.)	3	2	3
Sodium hypochloride	3	3	3
Sodium nitrate	3	3	3
Sodium phosphate	3	3	3
Sodium sulphate	3	3	3
Soya bean oil	X	3	1
Stream turbine oil	X	3	1
Styrene	X	1	X
Sulphites, bi-sulphates, hyposulphites	3	3	3
Sulphuric acid concentrated	1	1	2
Sulphuric acid Diluted (battery)	3	3	3
Tetrahydrofurane	1	X	X
Toluene	X	2	1
Tributylphosphate	X	X	X
Trichlorethylene	X	1	X
Triethanolamine 85%	3	3	3
Trinitrobenzene	X	2	1
Trinitrotoluene	X	2	1
Triphenylphosphate	1	X	X
Turnipseed oil	X	2	X
Turpentine	X	3	1
Unhydrated lime	3	3	3
Vinegar and condiments	3	3	3
Vinyl acetate	X	1	X
Washing powders	3	3	3
Water paint	3	3	3
Weedkillers	2	3	2
Wood turpentine	X	3	1
Xylene	X	2	1
Xylophene	X	2	1
Zinc sulphate	3	3	3