

GLOVE SELECTION GUIDE

GRADING :

4 - Excellent - break through time generally more than 8 hours.

3 - Good - break through time generally more than 4 hours.

2 - Fair - break through time generally more than 1 hour.

1 - Not recommended break through time is less than 1 hour.

n/a - Data Not Available



CHEMICAL NAME	Natural Rubber	Nitech	Neoprene	Butyl	PVC	Nitrile
ORGANIC ACID						
Acetic Acid	2	2	3	4	2	1
Formic Acid	2	3	3	4	3	2
Lactic Acid	4	3	4	4	3	4
Maleic Acid	3	3	3	2	3	3
Oxalic Acid	4	4	4	4	4	4
INORGANIC ACID						
Chromic Acid 70%	1	3	1	4	3	3
Hydro Chloric Acid 37%	3	3	3	4	3	3
Hydro Floric Acid 70%	2	1	2	3	1	1
Nitric Acid 70%	n/a	n/a	1	2	n/a	1
Perchloric Acid 70%	4	4	4	3	4	4
Phosphoric Acid 70%	4	4	4	4	4	4
Sulphuric Acid 70%	4	4	4	4	4	4
ALKALIS						
Ammonium Hydroxide	1	2	3	4	2	3
Potassium Hydroxide 70%	4	4	4	4	4	4
Sodium Hydroxide	4	4	4	4	4	3
SALT SOLUTIONS						
Ammonium Nitrile	4	4	4	4	4	4
Calcium Hypo Chlorite	1	4	3	4	4	3
Ferric Chloride	4	4	4	4	4	4
Mercuric Chloride	3	3	3	4	3	3
Potassium Cyanide	4	4	4	4	4	4
Potassium dichromate	4	4	4	4	4	4
Sodium Cyanide	4	4	4	4	4	4
Sodium thiosulphate	4	4	4	4	4	4
Potassium Permanganate	4	4	4	n/a	4	4
AROMATIC HYDROCARBON						
Banznen	1	1	1	1	1	1
Gasoline	1	1	1	1	1	4
Naphathene	1	1	1	1	1	4
Toluene	1	1	1	1	1	1
Xylenene	1	1	1	1	1	1
ALIPHATIC HYDROCARBON						
Diesel Fuel	1	2	2	1	2	3
Hexane	1	1	1	1	1	4
Kerosene	1	3	3	1	3	4
Naphtha	1	3	2	1	3	4
Pentane	1	2	1	1	2	3
Petroleum Ether	1	1	1	1	1	3
Turpentine	1	1	1	1	1	2
Halogenated Hydrocarbon	1	1	1	1	1	1
Calcium tetra chloride	1	1	1	1	1	1
Chloroform	1	1	1	1	1	2
Methylene Chloride	1	n/a	4	4	n/a	2
Poly chlorinated bi phenyls (PCB's)	1	1	1	1	1	2
Per chloro ethylene	1	1	1	1	1	1

Disclaimer: The results herein are for guidance only, with the intention to assist the user to make the correct choice of personal protective equipment. It is the responsibility of the user to determine the risks of the application and make the appropriate choice for protection against such risk.

The manufacturer, the distributor and the sales agents accept no responsibility for a user's selection against particular risk. The manufacturer, the distributor and the sales agents do not imply any guarantee or responsibility from information provided that a particular product will suit specific end use.

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CHEMICAL NAME	Natural Rubber	Nitech	Neoprene	Butyl	PVC	Nitrile
Tri Chloro Ethylene	1	1	1	1	1	1
ESTERS						
Ethyle Acetate	1	1	3	3	1	1
Butyl Acetate	1	1	1	2	1	1
Methyl Acetate	1	1	1	4	1	1
Iso Butyl Acrylate	1	1	1	4	1	1
ETHERS / GLYCOLS						
Diethyl Ether	1	1	2	1	1	2
Ethylene Glycol	1	1	1	2	1	1
Iso Propyl Ether	1	1	2	1	1	3
Propylene Glycol	2	2	3	3	2	2
Tetra Hydro Furan	1	1	1	2	1	1
ALDEHYDE						
Acetaldehyde	1	1	1	4	1	1
Acrolein	1	1	1	4	1	1
Benzaldehyde	1	1	1	4	1	1
Butyraldehyde	1	1	1	4	1	1
Formeldehyde	1	2	2	4	2	4
Gluterlaldehyde	n/a	2	4	4	2	n/a
KETONES						
Acetone	1	1	1	4	1	1
Di Isobutyl Ketone	1	1	1	2	1	1
Methyl Ethyl Ketone	1	1	1	4	1	1
ALCOHOL						
Allyl Alcohol	1	1	1	4	1	4
Butyl Alcohol	1	2	3	4	2	3
Ethyl Alcohol	1	1	2	4	1	3
Iso Propyl Alcohol	1	2	3	4	2	4
Methyl Alcohol	1	1	1	4	1	1
AMINES						
Aniline	1	1	1	4	1	1
Ethanol Amine	2	3	4	4	3	4
Ethyl Amine	1	1	2	4	1	4
Methyl Amine	1	2	3	4	2	4
Tri ethanol amine	1	1	1	4	1	4
Elements	1	n/a	2	4	n/a	1
Bromine	n/a	n/a	1	2	n/a	1
Chlorine Aqueous	n/a	n/a	1	3	n/a	3
Iodine	n/a	n/a	4	4	n/a	4
Mercury						
MISCELLANEOUS						
Acetic Anhydride	1	1	2	4	1	1
Aceto Nitrile	1	1	1	4	1	1
Acrylamide	1	1	1	3	1	2
Carbon di Sulfide	1	1	1	1	1	1
Cresol	1	n/a	3	4	n/a	2
Cutting Fluid	n/a	2	2	n/a	2	3
Dimethyl Sulfoxide	1	1	4	4	1	1
Hydraulic Oil	n/a	2	n/a	1	2	3
Hydrazine	2	4	4	4	4	4
Hydrogen Peroxide	4	3	2	4	3	4
Lubricating Oil	3	n/a	3	n/a	n/a	4
Malathion	n/a	n/a	3	1	n/a	3
Nitrobenzene	1	1	1	4	1	1
Phenol	1	1	3	2	1	1
Photo Solutions	3	3	4	n/a	3	4
Picric Acid	1	1	2	3	1	2
Pyridine	1	1	1	4	1	1