

## 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
<b>ORGANIC ACID</b>						
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
<b>INORGANIC ACID</b>						
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%						
<b>ALKALIS</b>						
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
<b>SALT SOLUTIONS</b>						
Ammonium Nitrite	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
<b>AROMATIC HYDROCARBON</b>						
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
<b>ALIPHATIC HYDROCARBON</b>						
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
<b>ESTERS</b>						
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
<b>ETHERS / GLYCOLS</b>						
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
<b>ALDEHYDE</b>						
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
Gluteraldehyde	n/a	2	4	4	2	n/a
<b>KETONES</b>						
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
<b>ALCOHOL</b>						
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
<b>AMINES</b>						
Aniline	1	1	1	4	1	1
Ethanol Amine	2	3	4	4	3	4
Ethyl Amine	1	1	2	4	1	1
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						
<b>MISCELLANEOUS</b>						
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