

# CHEMICAL PROTECTION GLOVES SELECTION GUIDE

Use the Portwest Enhanced Chemical Protection Guide to help you to select the best chemical protection for the task at hand. Find the perfect chemical protection glove to suit your application with this two-step guide:

		AP60 764	A827 765	A835 765	A845 765	A881 763	A882 763	A810 764
		Nitrile Rubber	PVC	PVC	PVC	PVC	PVC	Nitrile Rubber
Chemical Name	CAS NO	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating
Methanol	67-56-1	3					2	
n-Heptane	142-82-5	6	2	2	2	2	2	6
Sodium Hydroxide, 40%	1310-73-2	6	6	6	6	6	6	6
Sulphuric Acid, 96%	7664-93-9	3	5	5	5	4	4	3

## Enhanced Chemical Protection Guide

		A801 762	A802 762	A803 762	A812 760	A813 760	A814 761	A820 761
		Latex Rubber	Latex Rubber	Latex Rubber	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber	Neoprene Rubber
Chemical Name	CAS NO	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating	CE Rating
Acetic Acid - Glacial	64-19-7	5	5	5	3	2	2	5
Acetic Acid, 10%	64-19-7		6	6	6	6		6
Acetic Acid, 20%	64-19-7		6	6	6	6		6
Acetic Acid, 25%	64-19-7		6	6	6	6		6
Acetone	67-64-1	0	1	1	0	0		0
Acetonitrile	75-05-8				0	1		
Ammonium Fluoride 40%	12125-01-8				6			
Ammonium Hydroxide 25%	1336-21-6	1	3	3	6	6	3	3
Amyl Acetate	628-63-7				3			
Amyl Alcohol	71-41-0				6			
Aniline	62-53-3							6
Aqua Regia					6			
Butanol	71-36-3	6	6	6	6	6		6
Butyl Acetate	123-86-4	6						
Carbon Disulphide					0	1		
Carbon Tetrachloride	56-23-5				5			
Cellosolve Acetate 99%	111-15-9				3			
Cellusolve Solvent	110-80-5				4			
Citric Acid 10%	64-19-7				6			
Cyclohexane	110-82-7		3	3	6	6		4
Cyclohexanol	108-93-0				6			
Cyclohexanone	108-94-1	0	5	5		3		3
Diacetone Alcohol 99%	123-42-2				5			
Dichloromethane	75-09-2	0	0	0	0	0		0
Diethanolamine	111-42-2				6			
Diethyl Amine	109-89-7	0	0	0	0	2		0
Di-isobutyl ketone	108-83-8				6			
Dimethyl sulphoxide					2			
Dimethylformamide	68-12-2							6
Ethanol 96%	64-17-5				0	6		6
Ethanol, absolute	64-17-5	6	6	6	5	6		6
Ethyl lactate	141-78-6	0	1	1	0	1		0
Ethyl Lactate	97-64-3				6			6
Ethylether	60-29-7				6	1		
Formaldehyde, 37%		6	6	6	6	6	6	6
Formic Acid, 95%	64-19-7				2			
Freon 99.7%	75-69-4				6			
Furfural								6
Hexamethyl disilazane 99%	1049738-54-6				6			
Hydrochloric Acid, 10%	7647-01-0		6	6	6	6		6
Hydrochloric Acid, 37%	7647-01-0				6	3		6
Hydrochloric Acid, 40%	7664-39-3	6				5		6
Hydrogen peroxide, 30%	7722-84-1	6	6	6	6	6	6	6
Iso Propyl Alcohol (Propan-2-ol)	67-63-0	6	6	6	6	6		6
Isobutyl alcohol 99%	78-83-1				6			
Isocetane	540-84-1				6			
Kerosene	64742-81-0				6			
Methanol	67-56-1	2	6	6	2	3		3
Methylamine	74-89-5				6			
Methyl Cellosolve	109-86-4				6			
Methyl ethyl ketone	78-93-3	0	5	5	0	1		0
Methyl Propyl ketone	107-87-9		4	4	0	1		2
Methyl t-butyl ether	1624-04-4				4			
n-Hexane	110-54-3							6
n-Heptane	142-82-5	0	0	0	6	6	6	1
Naptha solvent	64742-94-5				0			
Nitric Acid 10%	7697-37-2	6	6	6	6	6		6
Nitric Acid, 40%	7697-37-2	6	6	6		3		6
Nitric Acid, 65%	7697-37-2	5	6	6	2	3	2	6
Nitromethane	75-52-5							6
Octyl alcohol	111-87-5							6
Ortho Phosphoric Acid	7664-38-2		6	6		6		6
Oxalic Acid 12.5%	64-19-7				6			
Pentane 98%	109-66-0				6			
Petroleum Ether	8032-32-4				6			
Phenol	108-95-2							6
Phosphoric Acid, 85%	7664-38-2		6	6		6		6
Potassium Hydroxide, 50%	1310-58-3	6	6	6	6	6	6	6
Propan - 1 - ol	71-23-8		6	6	6	6		6
Propyl Acetate	109-60-4		3	3		3		2
Rapeseed Oil	8002-13-9				0			
Sodium Hydroxide, 40%	1310-73-2	6	6	6	6	6	6	6
Sodium Hydroxide, 50%	1310-73-2	6	6	6	6	6	6	6
Sodium Hypochlorite	7681-52-9				6			6
Sodium Hyroxide, 20%	1310-73-2	6	6	6	6	6	6	6
Sodium Silicate	1344-09-8				6			
Stoddard Solvent	8051-41-3				6			
Sulphuric Acid, 40%	7664-93-9		6	6	6	6		6
Sulphuric Acid, 50%	7664-93-9		6	6	6	6		6
Sulphuric Acid, 96%	7664-93-9	3	4	4	3	5	2	4
Tannic Acid 37.5%	64-19-7				6			
Tetrachloroethylene	127-18-4				6			
Thinner		X				1		1
Toluene	108-88-3	0	1	1	1	1		0
Turpentine	8006-64-2				6			
White Spirit	64742-88-7				6			
Xylene	1330-20-7	0	4	4	1	4		0

**Step 1.** Identify the chemical you are using in the Enhanced Chemical Protection Guide table.

**Step 2.** Use the colour coded key to identify the gloves that offer the best level of protection.

### Key

	Not Recommended
	Limited Splash Protection
	Splash Protection
	Short Term Exposure
	Medium Term Exposure
	Good Protection
	Excellent Protection

CE Rating	Breakthrough Time (mins)
0	0 - 10 mins
1	10 - 30 mins
2	30 - 60 mins
3	60 - 120 mins
4	120 - 240 mins
5	240 - 480 mins
6	>480 mins