

## CHEMICAL RESISTANCE CHART

The information in this chart is given on an indicative basis. One must take into account the fact that the resistance of a material is influenced by factors such as the exact nature of the chemical product, its temperature, concentration etc. The testing of the product according actual conditions is the responsibility of the user.

**Good : A**

**Fair : B**

**Poor : C**

	PVC	NEOPRENE	SILICONE	HYPALON	NITRILE	BUTYL	NATURAL RUBBER	VITON
ACETALDEHYDE		C	A	C	C		C	C
ACETIC ACID (20%)	C	A	A	A	B		B	B
ACETIC ACID (80%)	C	C	B	C	C		C	B
ACETIC ACID, GLACIAL	C	C	B	B	C	C	C	C
ACETIC ANHYDRIDE			A					
ACETONE	C	B	B	B	C		C	C
ACETYLENE	A	B	C	A	A			A
ALCOHOLS: AMYL	A	A	C	A	A	A	B	A
ALCOHOLS: BUTYL	A	A	B	A	A	A	A	A
ALCOHOLS: DIACETONE						A		
ALCOHOLS: ETHYL	A	A	B	A	A	A	A	A
ALCOHOLS: METHYL	A	A	A	A	A	A	A	B
ALUMINIUM ACETATE	A							
ALUMINIUM CHLORIDE		A	B	B	A		A	A
ALUMINIUM HYDROXIDE	A	A	A	A	A		C	A
ALUMINIUM SULFATE	A	A	A	A	A		A	A
ALUMS	A				A			
AMMONIAC	A	A	A	B	B	B	C	C
AMMONIUM HYDROXIDE		A	A	A	C	A	C	A
AMMONIUM METAPHOSPHATE	A		A					
AMMONIUM NITRATE	A	B	C	B	A		C	A
AMMONIUM PHOSPHATE	A		A		A			
AMMONIUM SULFATE	A	A	A	A	A		A	A



CARBONIC ACID	A	B			B			
CARBONIC ANHYDRIDE	A		A					
CHLORINE (DRY)	C	C	C	C	B		C	A
CHLORINE (WET)	C	C	C	C	C		C	A
CHLOROACETIC ACID		A	A	A	A			C
CHLOROFORM	C	C	C	C	C		C	A
CHLOROSULFONIC ACID	C	C	C	C	C		C	C
CHOLORBENZENE	C	C	C	C	C		C	A
CHROMIC ACID 5-50%		C	C	B	C		C	A
CITRIC ACID	A	A	A	A	B	B		A
COPPER ACETATE			A			A		
COPPER CHLORIDE		A	A		A			A
COPPER CYANIDE		A	A	C	A		A	A
COPPER NITRATE		A			A			A
COPPER SULFATE	A	A	A		A			A
CYCLOHEXANE	A	C	C		B		B	A
CYCLOHEXANOL		A						A
CYCLOHEXANONE		C	C		C	B	C	C
DECALIN								A
DIACETONE ALCOHOL		C	C	A	C	A		C
DICHLOROBENZENE			B					A
DICHLOROETHANE		C		C	C		C	B
DIESEL FUEL					A			A
DIETHYLAMINE		A	B	C	C		A	A
DIETHYLENE GLYCOLE	A	A	B	C	A		A	A
DIMETHYLAMINE			A					
DIMETHYLFORMAMIDE								A
DINITROGEN TETROXIDE						A		
DINITROTOLUENE								
ETHYL ACETATE	C	C	A	B	C		C	C
ETHYL ACRYLATE						B		
ETHYL CHLORIDE		C	C	C	A		B	A
ETHYL DICHLORIDE	C	C	C	C	A		B	A
ETHYL ETHER		C	C	C	C		C	C
ETHYL MERCAPTAN								A
ETHYLBENZENE								A
ETHYLCELLULOSE		B			B			

ETHYLENE					A			A
ETHYLENE GLYCOL 30%	A	A	A	A	A	A	A	A
ETHYLENE OXIDE						A		
ETHYLENEDIAMINE		B	A	B	A		B	B
ETYLENE CHLORIDE		C	C	C	C		C	B
FLUORINE			C		C		C	B
FLUOSILICIC ACID		A	C	A				B
FORMALDEHYDE 40%	C	B		B	A	A	B	A
FORMIC ACID		A	B	A		A	C	B
FREON 11		A	C	B	A		B	A
FREON 113		A		A	A		C	A
FREON 114		A		A	A		C	A
FREON 12		A	C	A	A		C	A
FREON 22		A	C	B	A		C	
FUEL OIL		B	C	C	A	B	C	A
FURAN								
FURFURAL		B	C	B	C	B	C	C
GASOLINE	C	B	C	B	A		C	A
GELATIN	A	A	A	B	A		A	A
GLUCOSE	A	A	A	B	A	A	A	A
GLYCERIN	A	A	A	A	A	A	A	A
HEXANE		B	C	B	A		C	A
HYDOGEN CYANIDE		A		A	A			A
HYDRAZINE		B	B	B	B	A	C	A
HYDROBROMIC ACID								A
HYDROCHLORIC ACID 37%	B	A	B	A				A
HYDROFLUORIC ACID		C	C	B		B	C	A
HYDROGEN PEROXYDE 10%	A	C	A	C	C		B	A
HYDROGEN PEROXYDE 30%		C	B	C	C		C	A
HYDROGEN SULFIDE		A		B	C	A	C	C
HYDROQUINONE	A	A		C	C	A	A	B
IODOFORM		B			C	A	B	
ISOOCTANE	C	B	C		A		B	A
ISOPHORONE						A		
ISOPROPYL ETHER		B	C	B	B		A	C
KEROSENE					B			A
LACTIC ACID	C	A	A	A	A	B	B	A

LEAD ACETATE	A		A			A		
LIME	A	A			A			A
MAGNESIUM CARBONATE	A	A		A	A			A
MAGNESIUM CHLORIDE	B	A	A	A	A		A	A
MAGNESIUM HYDROXIDE		A	A	A	A	A	A	A
MAGNESIUM NITRATE	A	A		A	A		A	A
MAGNESIUM SULFATE	A	A	A	A	A		B	A
MANGANESE SULFATE	A	A	A		A		A	A
MERCURY	A	A	A	A	A	A	A	A
MERCURY CHLORIDE		A		A	A		A	A
MERCURY NITRATE		B			B			A
METHANE		B	C	B	A		C	A
METHYL ACRYLATE						B		
METHYL ETHYL KETONE	C	C	C	C	C	A	C	C
METHYL ISOBUTYL KETONE								
METHYL MEHTACRILATE			B					
METHYLENE CHLORIDE	C				C		B	B
MINERAL GREASE		A			A			A
NAPHTALENE	C	C	C	C	C	C	C	A
NAPHTHA	C	C	C	C	A		C	A
NATURAL GAS	A	A	A		A			A
NICKEL CHLORIDE	A	B	A	A	A		A	A
NICKEL NITRATE	A	A		C	A		A	A
NICKEL SULFATE	A	A	A	A	A		B	A
NITRIC ACID 10%	A	B	B	B	C	B	C	A
NITRIC ACID 20%	A	C	C	C	C	B	C	A
NITRIC ACID 50%								A
NITROBENZENE	C	C	C	C	C		C	B
NITROGEN	A				A	A		
NITROMETHANE	C	C	C		C	C	C	B
OCTANE			B		A			A
OCTYL SEBACATE								A
OCTYL PHTHALATE					A			
OILS: CASTOR		A	A	A	A	A	A	A
OILS: COTTONSEED	C		A		A			A
OILS: CREOSOTE		C	B	B	A	A	C	A
OILS: LINSEED		C	B	C	A		C	A

OILS: MINERAL	C	A	A	B	A		C	A
OILS: PALM		C			A			A
OILS: SILICONE		B		B	A			A
OILS: SOYBEN	C	C	A	C	A		C	A
OLEIC ACID		B		B	B		C	B
OXOCARBON	A	B	A	C	A	A	C	A
OZONE	A	C	A	A	C		C	A
PALMITIC ACID		B	C	C	A	B	B	A
PENTANE	B	B	C	B	A		C	A
PERCHLORIC ACID	A	B	C	B	C			A
PERCHLOROETHYLENE								A
PHENOL	C	C	C	C	C		A	A
PHENYLDRAZINE								A
PHOSPHORIC ACID 40%	B	B	C	B	C	B	C	A
PHOSPHORIC ACID 85%	B	C		B		B	C	A
PICRIC ACID		A	C	B	C		C	A
POTASSIUM BICARBONATE	A	A	B	A	A		A	A
POTASSIUM CARBONATE	A	A		A	A			A
POTASSIUM CARBONATE (POTASH 10%)	A							A
POTASSIUM CHLORATE	A	A	B		A			A
POTASSIUM CHLORIDE	A	A	A	A	A		A	A
POTASSIUM CYANIDE SOLUTIONS		B	A	A	A		A	A
POTASSIUM HYDROXIDE		B		A	B	A	B	B
POTASSIUM HYDROXIDE (CAUSTIC POTASH)	A							A
POTASSIUM NITRATE	A	A	A	A	A		A	A
POTASSIUM SULFATE	A	A	A	A	A		A	A
POTASSIUM SULFIDE	A	A	A	B	A		B	A
PROPANE								A
PROPYLENE								A
PYRIDINE	C	C	C	C	C	B	C	C
SEA WATER	A	A		A	A	A		A
SODIUM ACETATE	A		A			A		
SODIUM BICARBONATE	A	A	A	A	A	A	A	A
SODIUM BISULFATE	A	A	A	A	A			A
SODIUM CARBONATE	A	A	A	A	A		A	A
SODIUM CHLORATE	A	A	C	A	B		A	A
SODIUM CHLORIDE	A	A	A	A	A		A	A



<b>XENON</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
<b>XYLENE</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>		<b>C</b>	<b>B</b>
<b>XYLIDINE</b>					<b>A</b>			
<b>ZINC CHLORIDE</b>	<b>A</b>	<b>A</b>	<b>B</b>	<b>A</b>	<b>A</b>		<b>A</b>	<b>A</b>
<b>ZINC SULFATE</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>		<b>B</b>	<b>A</b>