

CHEMICAL RESISTANCE CHARTS

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- A** : Resistant
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	PVC	HYTREL	POLYETHYLENE	POLYURETHANE	NEOPRENE	SILICONE	POLYAMIDE	TPE SANTOPRENE	PTFE	HYPALON	VITON
A											
ACETALDEHYDE			A	C	C	C	B	A	A		C
ACETIC ACID	C	A	A	C	C	A	C	B	A	A	C
ACETIC ACID ANHYDRIDE	C	B	A	C	A	C		B	A	A	C
ACETON	C	B	A	C	B	B	A	A	A	B	C
ACETYLENE		A	A	B	B			A	A	A	A
ALUMINIUM CHLORIDE SOLUTION		B	A		A	B	A	A	A	A	A
ALUMINIUM SULPHATE SOLUTION	A	B	A	A	A	A	A	A	A	A	A
ACETATE D'AMYLE		B	B	C	C	C		A	C	C	B
AMMONIA (anhydrous)	A		A	C	A	A		B	A	B	C
AMMONIUM CHLORIDE SOLUTION		A	A	C	A			A	A	A	A
AMMONIUM HYDROXIDE SOLUTION		B	A		A			A	A	A	A
AMMONIUM SULPHATE SOLUTION	A	A	A		A	A		A	A	A	A
AMYLACETATE		B	A	C	C	C		A	A	C	C
AMYLALCOHOL	C	A	A	C	A	C		A	A	A	A
ANILINE	C	C	A	C	C		B	B	A	B	A
ASPHALT	A	B	A	C	B	C		C	A	B	A
ASTM Oil No.1		A	A	A	A	B		C	A	A	A
ASTM Oil No.3		A		B	A	C		C	A	B	A
ASTM Oil Reference Fuel A		A		A	A			C	A	A	A
ASTM Oil Reference Fuel B		A		C	C			C	A	C	A
ASTM Oil Reference Fuel C		A		C	C			C	A	C	A
B											
BARIUM HYDROXIDE		B	A	C	A	A		A	A	A	A
BEER		A	A	A	A	A		A	A	A	A
BENZALDEHYDE	C		A	C	C	C	C	B	A	C	C
BENZENE	C	A	A	A	B	C	A	B	A	B	A
BENZENE CHLORIDE			A		C			C	A	C	B
BENZOL	C	B	A	C	C	C	A	C	A	C	B
BORAX SOLUTION	A	A	A	C	A			A	A	A	A
BORIC ACID SOLUTION	A	A	A	C	A	A	B	A	A	A	A
BROMINE LIQUID (anhydrous)	C	C	C	C	C	C		C	A	A	A
BUTANE	C	C		A	A			B	A	A	A
BUTYL ACETATE	C	B	A	C	C	C	A	C	A	C	C
BUTYRALDEHYDE			A	C	B			B	A	B	C
BUTYRIC ACID		B	A		C			C	A	B	
C											
CALCIUM BISULPHITE SOLUTION			B	A	A	A		B	A	A	A
CALCIUM CHLORIDE SOLUTION	A	A	A	C	A	A	A	A	A	A	A
CALCIUM HYDROXIDE SOLUTION		B	A	C	A	A		A	A	A	A
CALCIUM HYPOCHLORITE SOLUTION (20%)			A	C	B	B		A	A	A	B
CALCIUM HYPOCHLORITE SOLUTION (5%)		A	A	C	B	B		A	A	A	A
CARBON DIOXIDE		A	A	B	A	A		B	A	A	A
CARBON DISULPHIDE	C		A	C	C		A	B	A	C	
CARBON MONOXIDE		A	A		A	A		C	A	A	
CARBON TETRACHLORIDE	C	B	A	C	C	C	A	C	A	C	
CHLORINE GAS (dry)	C	C	B	B	B		C	C	A	B	A
CHLORINE GAS (moist)	C	C	B	C	C		C	C	A	B	B
CHLOROACETIC ACID		C	A	C	A	C		A	A	A	C
CHLORO BENZENE	C	C	A	B	C	C	A	C	A	C	A
CHLOROFORM	C	C	C	C	C	C	C	C	A	C	A
CHLOROSULPHONIC ACID	C	C	C	C	C			C	A	C	C
CHROMIC ACID (10-50%)		C	B	C	C	C	B	C	A	A	A
CITRIC ACID SOLUTION	A	A	A	C	A	A		A	A	A	A

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	PVC	HYTREL	POLYETHYLENE	POLYURETHANE	NEOPRENE	SILICONE	POLYAMIDE	TPE SANTOPRENE	PTFE	HYPALON	VITON
COTTON SEED OIL		A	A	A	A	A		A	A	A	A
CREOSOTE			A		C			C	A	C	A
CUPRIC CHLORIDE SOLUTION		A		A	A	A		A	A	A	A
CUPRIC SULPHATE SOLUTION		A		C	A	A	B	A	A	A	A
CYCLOHEXANE	C	A	A	A	C	C		C	A	C	A
D											
DIBUTYL PHTHALATE		A	A	A	C		A	A	A	C	B
DIETHYL ETHER			A	C	C		A	C	A		
DIETHYL SEBACATE		A		C	C			B	A	B	B
DIETHYL PHTHALATE		A	A	C	C	C	A	B	A	C	B
DOWTHERM A				C	B			C	A	B	A
E											
EPOCHLOROHYDRIN		C	A	C				B	A	B	C
ETHANOL		A	A	B	A	A	A	A	A	A	A
ETHER		C	A	B	C	C		B	A	C	A
ETHYL ALCOHOL		A	A	B	A	A	A	A	A	A	A
ETHYL CHLORIDE		C	A	B	C	C		B	A	C	A
ETHYLACETATE	C	B	A	C	C	B	A	A	A	B	C
ETHYLENE DICHLORIDE	C	C	A	C	B	B		B	A	C	A
ETHYLENE GLYCOL		A	A		A	A		A	A	A	A
ETHYLENE OXIDE		A	A		C			C	A	C	C
EXXON 2380 LUBRICATING OIL		B						C	A		A
F											
FERRIC CHLORIDE SOLUTION	A	B	A		A	A	A	A	A	A	A
FLUOROSILICIC ACID		B	A	C	A	C		B	A	A	
FORMALDEHYDE (40%)	C	B	A	C	A		A	A	A	A	A
FORMIC ACID		B	A	C	A	B	C	A	A	A	C
FREON 11		A	A		A	C		C	A	A	A-B
FREON 12		A	A		A	C	A	B	A	A	A-B
FREON 22			A		A	C		C	A	A	C
FREON 113		A	A		A			C	A	A	A
FREON 114		A	A		A			C	A	A	B
FURFUROL			A	C	B		B	B	A	B	C
FYRQUEL 220 (hydraulic fluid)		B							A		A
G											
GLUE		A	A	A	A			A	A	A	A
GLYCERINE (90%)	A	A	A	C	A	A	A	A	A	A	A
GREASE		A	A		B	C		C	A	B	A
H											
n-HEXANE	C	A	A	A	A	C	A	C	A	A	A
HYDRAZINE (diamide)		C				C		A	A		C
HYDROCHLORIC ACID (20%)	B	B	A	C	A	B	C	B	A	A	A
HYDROCHLORIC ACID (37%)	B	C	A	C	A	B	C	A	A	A	A
HYDROCHLORIC ACID (48%)		C	A	C	A		C	B	A	A	A
HYDROCHLORIC ACID (75%)		C	A	C	B		C	C	A	A	B
HYDROCHLORIC ACID (anhydrous)		C	A	C	B		C	C	A	A	A
HYDROGEN		A	B	C	A	A		A	A	A	A
HYDROGEN CYANIDE		B			A			A	A	A	
HYDROGEN PEROXIDE (90%)			B	C	B		C	B	A	A	A
HYDROGEN SULPHIDE		A	A	B	A		A	A	A	A	
J											
JP-4		A			C			C	A	C	A
JP-5					C			C	A	C	A
JP-6					C			C	A	C	A

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	PVC	HYTREL	POLYETHYLENE	POLYURETHANE	NEOPRENE	SILICONE	POLYAMIDE	TPE SANTOPRENE	PTFE	HYPALON	VITON
K											
KEROSENE		B	A	A	C	C		C	A	B	A
L											
LACTIC ACID	C	B	A	A	A	A	B	A	A	A	A
LINSEED OIL		B	A	B	A			B	A	A	A
M											
MAGNESIUM CHLORIDE SOLUTION	B	B	A	C	A	A	A	A	A	A	A
MAGNESIUM HYDROXIDE SOLUTION		B	A		A			A	A	A	A
MERCURIC CHLORIDE SOLUTION		B		B	A	A	C	A	A	A	A
MERCURY	A	A	A	A	A	A	A	A	A	A	A
METHANOL	C	A	A	C	A	A	A	A	A	A	B
METHYL ALCOHOL	C	A	A	C	A	A	A	A	A	A	B
METHYLENE CHLORIDE	C	C	A	C	C		B	B	A	C	B
METHYLENE KETONE (MEK)	C	A	A	C	C		A	A	A	C	C
MINERAL OIL	C	A	A	B	A	A	A	C	A	A	A
MOBIL XRM 206A		B							A		A
N											
NAPHTHALENE	C	B	A	C	C	C		C	A	C	A
NAPHTHA	C	A	A	C	C	C		C	A	C	A
NITRIC ACID (10%)		B	A	C	B	B	C	B	A	A	A
NITRIC ACID (30%)		C	A	C	C	B	C	B	A	A	A
NITRIC ACID (60%)		C	C	C	C	C	C	C	A	B	A
NITRIC ACID (70%)		C	C	C	C	C	C	C	A	C	A
NITRIC ACID (fuming)		C		C	C	C	C	C	A	C	B
NITROBENZENE	C	C	A	C	C	C		A	A	C	B
O											
ISO-OCTANE	C	A	A	B	A	C		C	A	A	
OLEIC ACID		A	A		B			B	A	B	B
OLEUM (20-25%)	C	C	C	C	C	C	C	C	A	B	A
P											
PALMITIC ACID		A	A	B	B			B	A	B	A
PERCHLOROETHYLENE	C	C	A	C	C	B		C	A	C	A
PHENOL	C	C	A	C	C	C	C	B	A	C	A
PHOSPHORIC ACID (20%)	A		A	C	A		C	A	A	A	A
PHOSPHORIC ACID (60%)	A	C	A	C	A	C	C	A	A	A	A
PHOSPHORIC ACID (70%)	B	C	A	C	A	C	C	A	A	A	A
PHOSPHORIC ACID (85%)	B	C	A	C	A	C	C	A	A	A	A
"PICKLING SOLUTION 17% NITRIC ACID 4% HYDROFLUORIC ACID"		C			C			C	A	A	A
"PICKLING SOLUTION 20% NITRIC ACID 4% HYDROFLUORIC ACID"		C			C			C	A	A	A
PICRIC ACID		B	A	B	A	C		B	A	A	A
POTASSIUM DICHROMATE SOLUTION	A	B	A	C	A	C		A	A	A	
POTASSIUM HYDROXIDE SOLUTION (dilute)		A	A		A			A	A	A	
ISO-PROPYL ALCOHOL	C	A	A	C	A	A	A	B	A	A	A
ISO-PROPYL ETHER			B	C	C			C	A	B	C
PYDRAUL 312C		A		C	C			C	A	C	A
PYRIDINE	C	C	A	C	C	C	A	B	A	C	C
Q											
QFI-2023 (Silicone brake fluid)		B				A			A		A
QUICK SILVER (mercury)	A	A	A	A	A	A	A	A	A	A	A
R											
RICINOL (Ricinus oil)		B	A		A	A		B	A	A	A
S											
ISO-PROPYL ETHER			B	C	C			C	A	B	C
PYDRAUL 312C		A		C	C			C	A	C	A

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SHELL TURBINE OIL 307		B			B			C	A	B	B
SILICONE GREASE		A	A	A	A	C		A	A	A	A
SKYDROL 500		A		C	C	B		A	A	C	C
SKULUBE 450									A		C
SOAP SOLUTION	A	A	A	A	A	A	A	A	A	A	A
SODIUM CHLORIDE SOLUTION		A	A	C	A	A	A	A	A	A	A
SODIUM DICHROMATE (20%)	C	B	A		B			A	A	A	A
SODIUM HYDROXIDE (20%)		A	A		A	B		A	A	A	A
SODIUM HYDROXIDE (46.5%)		B	A		A	B		A	A	A	A
SODIUM HYDROXIDE (50%)			A		A	B		A	A	A	C
SODIUM HYDROXIDE (73%)		A	A		A	B		A	A	A	C
SODIUM HYPOCHLORITE (5%)	A	A	B	C	A	B		A	A	A	A
SODIUM HYPOCHLORITE (20%)	B	B	B	C	B	B		A	A	A	B
SODIUM PEROXIDE SOLUTION		A	C		A	C		A	A	A	A
SOYA BEAN OIL	C	B	A		A	A		C	A	A	A
STANNIC CHLORIDE	A			C	B				A	B	A
STANNIC CHLORIDE (15%)	A	B		C	A			B	A	A	A
STEAM		B		C	A	C		A	A	A	B
STEARIC ACID	A	B	A	A	B	A		B	A	B	
STYRENE	C	C	A	C	C	C	A	C	A	C	A
SULPHUR (molten)	A	B	A	B	A	A		A	A	A	A
SULPHUR DIOXIDE GAS	A	B	A	C	A	A		A	A	A	
SULPHUR DIOXIDE LIQUID	A	B	A	C	A			A	A	A	
SULPHUR TRIOXIDE		C	C	C	C	B		B	A	C	
SULPHURIC ACID (<5%)	A	A	A	C	A	A	C	A	A	A	A
SULPHURIC ACID (5-10%)	A	B	A	C	A	A	C	A	A	A	A
SULPHURIC ACID (10-50%)	B	C	A	C	A		C	B	A	A	A
SULPHURIC ACID (50-80%)	C	C	A	C	B		C	C	A	A	A
SULPHURIC ACID (90%)	C	C	C	C	C		C	C	A	A	A
SULPHURIC ACID (95%)	C	C	C	C	C		C	C	A	A	A
SULPHURIC ACID (fuming, 20% Oleum)	C	C	C	C	C	C	C	C	A	B	A
SULPHUROUS ACID		B		C	C			C	A	A	C
SUNOCO XS-820 (EP Grease)		B						C	A		A
T											
TANNIC ACID		A	A	A	A	B		A	A	A	A
TARTARIC ACID		B	A		A	A		B	A	A	A
TETRAHYDROFURAN	C		A	C	C	C	A	C	A	C	C
TOLUENE	C	B	A	C	C	C	A	C	A	C	B
TRIBUTYLPHOSPHATE			A		C			C	A	C	C
TRICHLOROETHYLENE	C	C	C	C	C	B	B	C	A	C	A
TRICRESYLPHOSPHATE			A	B	C	C		A	A	C	A
TRIETHANOLAMINE	C	C	A	C	A			A	A	A	C
TRISODIUM PHOSPHATE SOLUTION		A		B	A	A		A	A	A	A
TUNG OIL		B			A			C	A	A	A
TURPENTINE	C		A	C	C	C		C	A	C	A
V											
VARNISH		B			C			C	A	C	C
W											
WATER	A	A	A	C	A	A	A	A	A	A	A
X											
XYLENE	C	A	A	C	C	C	A	C	A	C	A
Z											
ZINC	A	A	A	C	A		B	A	A	A	A