

7. Chemical resistance

Material	Concentration	Resistance at +23 °C		Material	Concentration	Resistance at +23 °C
Acetic acid		●●		Milk		●●●
Acetone		●●●		Mineral oil		●●●
Acetylene		●●●		Naphthaline		●●●
Aluminium salts	aqueous	●●●		Nitric acid		○
Ammonia	aqueous	●●●		Nitrobenzene		●●
Amylacetate		●●		Oils		●●●
Aniline		●●●		Oleic acid		●●●
Antifreeze		●●●		Oleum		○
Benzene		●●●		Oxalic acid		●●●
Benzine		●●●		Oxygen		●●●
Benzyl alcohol		●		Ozone		●
Bromine		●		Paraffin oil		●●●
Butane		●●●		Perchlorethylene		●●●
Butanol		●●●		Petroleum		●●●
Carbon tetrachloride		●●		Petroleum ether		●●●
Caustic potash	10%	●●●		Phenol		●
Caustic potash	50%	●●●		Potash		●●●
Chlorobenzene		●		Propane		●●●
Chlorine		○		Pyridine		●●●
Chloroform		●		Salicylic acid		●●●
Citric acid		●●		Sea water		●●●
Copper sulphate		●●●		Silicon oils		●●●
Cresol		○		Soap suds		●●●
Decalin		●●●		Soda	10%	●●●
Eatible fat		●●●		Soda	50%	●●●
Engine oil		●●●		Sodium chloride	saturated	●●●
Ethanol		●●●		Sodium hydroxide	10%	●●●
Ether		●●●		Sodium hydroxide	50%	●●●
Ethyl acetate		●●●		Sodium silicate		●●●
Ethylene oxide		●●●		Sodium sulphate	concentrated	●●●
Fats		●●●		Starch		●●●
Fluorine gas		●		Stearic acid		●●●
Formaldehyde		●●		Stearin		●●●
Formic acid	concentrated	●		Styrene		●●●
Frigen	liquid F12	●●●		Sulphur dioxide		●●
Frigen	liquid F22	●		Sulphuric acid	10%	●●
Fuel		●●●		Sulphuric acid	concentrated	●
Glycerine		●●●		Table salt		●●●
Glycol		●●●		Tallow		●●●
Heating oil		●●●		Tartaric acid		●●●
Heptane		●●●		Tetralin		●●●
Hydraulic oil		●●●		Toluene		●●●
Hydrochloric acid	1%	●●		Transformer oil		●●●
Hydrochloric acid	10%	●		Trichlorethane		●●
Hydrogen peroxide	20%	●●		Trichlorethylene		●●
Hydrosulphide		●●●		Turpentine		●●●
Iodine tincture		○		Urea		●●●
Iso-octane		●●●		Uric acid		●●●
Isopropanol		●●●		Urine		●●●
Kaliumpermanganat		○		Vaseline		●●●
Kerosene		●●●		Vinegar		●●●
Lactic acid		●●		Water		●●●
Magnesium chloride	10%	●●●		Wax		●●●
Mercury		●●●		Xylene		●●●
Methane		●●●		Zinc chloride	aqueous	●●●
Methanol		●●				
Methylene chloride		●				

●●● resistant - ●● limited resistance - ● not resistant - ○ soluble, greatly affected