

Table of tank chemical resistance to some fluids and reagents

°C			°C			°C			°C		
23°   60°			23°   60°			23°   60°			23°   60°		
PRODUCT			PRODUCT			PRODUCT			PRODUCT		
Acetic acid (10%)	R	R	Chloroform	LR	NR	Iron nitrate (ico)	R	R	Sodium benzoate (35%)	R	R
Acetic acid (50%)	R	LR	Chlorosulphonic acid (100%)	NR	NR	Iron sulphate (oso)	R	R	Sodium bicarbonate	R	R
Acetic aldehyde	LR	NR	Cider	R	R	Lead acetate	R	R	Sodium borate	R	R
Acetic anhydride	NR	NR	Citric acid (sat.)	R	R	Lead nitrate	R	R	Sodium bromide	R	R
Air	R	R	Coffee	R	R	Liquid chlorine	NR	NR	Sodium carbonate	R	R
Alcohol butilico	R	R	Cola concentrates	R	R	Liquids to develop photographs	R	R	Sodium chlorate	R	R
Alcohol from coconut oil	R	R	Copper chloride (sat.)	R	R	Lye (10%)	R	R	Sodium chloride	R	R
Alcool amilico	R	R	Copper cyanide (sat.)	R	R	Magnesium carbonate	R	R	Sodium cyanide	R	R
Alum (all types)	R	R	Copper fluoride (2%)	R	R	Magnesium chloride	R	R	Sodium dichromate	R	R
Aluminium chloride (all conc.)	R	R	Copper nitrate (sat.)	R	R	Magnesium hydroxide	R	R	Sodium disulphate	R	R
Aluminium fluoride (all conc.)	R	R	Copper sulphate (sat.)	R	R	Magnesium nitrate	R	R	Sodium disulphite	R	R
Aluminium sulphate (all conc.)	R	R	Corn oil	R	R	Magnesium sulphate	R	R	Sodium ferrocyanide	R	R
Amm. persulphate (sat. sol.)	R	R	Cotton oil	R	R	Mercury	R	R	Sodium fluoride	R	R
Ammonia (100% gas)	R	R	Dextrin	R	R	Methyl alcohol (100%)	R	R	Sodium hydroxide	R	R
Ammonium carbonate	R	R	Dextrose	R	R	Methylene chloride (100%)	LR	NR	Sodium hypochlorite	R	R
Ammonium chloride (sat. sol.)	R	R	Dextrose (sat. water sol.)	R	R	Milk	R	R	Sodium nitrate	R	R
Ammonium fluoride (sat. sol.)	R	R	Diazonium salts	R	R	Mineral oils	R	LR	Sodium phosphate (tri)	R	R
Ammonium hydrate (10%)	R	R	Dibutyl phthalate	LR	LR	Naphtha	LR	NR	Sodium sulphate	R	R
Ammonium hydrate (30%)	R	R	Dichlorobenzene (ortho and para)	NR	NR	Naphthalene	NR	NR	Sodium sulphide	R	R
Ammonium nitrate (sat. sol.)	R	R	Diesel for domestic use	LR	LR	n-Heptane	LR	LR	Sodium sulphite	R	R
Ammonium sulphate (sat. sol.)	R	R	Diesel for motor vehicles	LR	LR	Nickel chloride	R	R	Solutions for brass plating	R	R
Amyl acetate	NR	NR	Diethyl chetone	LR	LR	Nickel nitrate	R	R	Solutions for cadmium plating	R	R
Amyl chloride	NR	NR	Diethylene glycol	R	R	Nickel sulphate	R	R	Solutions for copper plating	R	R
Aniline	NR	NR	Diglycolic acid	R	R	Nicotine (diluted)	R	R	Solutions for gold plating	R	R
Aqua-regia	NR	NR	Dimethylamine	NR	NR	Nitric acid (30%)	R	R	Solutions for silver plating	R	R
Aromatic hydrocarbons	NR	NR	Disodium phosphate	R	R	Nitric acid (50%)	R	LR	Solutions for nickel plating	R	R
Arsenic acid (all conc.)	R	R	Emulsifiers for photography	R	R	Nitric acid (70%)	R	LR	Solutions for photography	R	R
Ascorbic acid (10%)	R	R	Ethane dichloride	NR	NR	Nitric acid (95%)	NR	NR	Solutions for silver plating	R	R
Barium carbonate (sat. sol.)	R	R	Ethyl acetate	LR	NR	Nitrobenzene	NR	NR	Solutions for tin plating	R	R
Barium chloride (sat. sol.)	R	R	Ethyl alcohol	R	R	n-Octane	R	R	Solutions for zinc plating	R	R
Barium hydrate	R	R	Ethyl alcohol (35%)	R	R	Olive oil	R	NR	Starch (saturated solution)	R	R
Barium sulphate (sat. sol.)	R	R	Ethyl benzene	NR	NR	Oxalic acid	R	R	Stearic acid	R	R
Barium sulphide (sat. sol.)	R	R	Ethyl chloride	NR	NR	Perchloroethylene	NR	NR	Sulphurous acid	R	R
Beer	R	R	Ethyl ether	NR	NR	Petrol	NR	NR	Sulphuric acid (100%)	R	R
Benzene	NR	NR	Ethylene glycol	R	R	Potassium bicarbonate	R	R	Sulphuric acid (50%)	R	R
Benzoic acid (all conc.)	R	R	Ethylene trichloride	NR	NR	Potassium bromide	R	R	Sulphuric acid (70%)	R	LR
Bismuth carbonate (sat. sol.)	R	R	Fluoboric acid	R	R	Potassium carbonate	R	R	Sulphuric acid (80%)	R	NR
Borax	R	R	Fluosilicic acid	R	LR	Potassium chlorate	R	R	Sulphuric acid (96%)	LR	NR
Boric acid (all conc.)	R	R	Fluosilicic acid (30%)	R	R	Potassium chloride	R	R	Sulphuric acid (98%)	LR	NR
Boron tetrafluoride	R	R	Formic acid (all conc.)	R	R	Potassium chromate (40%)	R	R	Sulphuric acid (smoking)	NR	NR
Brine	R	R	Fructose	R	R	Potassium cyanide	R	R	Synthetic detergents	R	R
Bromium (liquid)	NR	NR	Fruit pulp	R	R	Potassium dichromate (40%)	R	R	Tannico acid	R	R
Butanediol (10 %)	R	R	Furfurolo	NR	NR	Potassium ferrocyanide II	R	R	Tetrahydrofuran	LR	NR
Butanediol (100%)	R	R	Furfuryl alcohol	LR	LR	Potassium ferrocyanide III	R	R	Tin chloride (ico)	R	R
Butanediol (50%)	R	R	Gallic acid	R	R	Potassium fluoride	R	R	Tin chloride (oso)	R	R
Butyl acetate	NR	NR	Glucose	R	R	Potassium hydroxide (conc.)	R	R	Titanium tetrachloride	NR	NR
Butyric acid (all conc.)	NR	NR	Glycerol	R	R	Potassium nitrate	R	R	Toluene	LR	LR
Calcium carbonate (sat. sol.)	R	R	Glycol	R	R	Potassium perchlorate (10%)	R	R	Triethylene glycol	R	R
Calcium chlorate (sat. sol.)	R	R	Glycolic acid	R	R	Potassium permanganate (20%)	R	R	Turpentine	LR	LR
Calcium chloride (sat. sol.)	R	R	Hexachlorobenzene	R	R	Potassium persulphate	R	R	Urea (30%)	R	R
Calcium disulphite	R	R	Hexanol (commercial)	R	R	Potassium sulphate (conc.)	R	R	Vanilla	R	R
Calcium hydrate (all conc.)	R	R	Hydrochloric acid (all conc.)	R	R	Potassium sulphide (conc.)	R	R	Vinagar	R	R
Calcium nitrate (50%)	R	R	Hydrochloric acid (dry gas)	R	R	Potassium sulphite (conc.)	R	R	Water	R	R
Calcium oxide (sat. sol.)	R	R	Hydrocyanic acid	R	R	Propargyl alcohol	R	R	Wetting agent	R	R
Calcium sulphate	R	R	Hydrogen	R	R	Propyl alcohol	R	R	Whisky	R	R
Camphor oil	LR	NR	Hydrogen bromide (50%)	R	R	Propylene dichloride (100%)	NR	NR	Wine	R	R
Carbon dioxide	R	R	Hydrogen fluoride (40%)	R	R	Propylene glycol	R	R	Xylene	NR	NR
Carbon oxide (all conc.)	R	R	Hydrogen fluoride (60%)	R	R	Pyridine	R	R	Yeast	R	R
Carbon sulphide	NR	NR	Hydrogen sulphide	R	R	Resorcinol	R	R	Zinc bromide	R	R
Carbon tetrachloride	LR	NR	Hydroquinone	R	R	Salicylic acid	R	R	Zinc carbonate	R	R
Carbonic acid	R	R	Hypochlorous acid	R	R	Seawater	R	R	Zinc chloride	R	R
Castor oil (all conc.)	R	R	Ink	R	R	Selenic acid	R	R	Zinc oxide	R	R
Chlorine (100% dry gas)	LR	NR	Iodine (sol. in KJ)	LR	NR	Silver nitrate (sol.)	R	R	Zinc stearate	R	R
Chlorine water (sat. sol. 2%)	R	R	Iron chloride (ico)	R	R	Soap solution (all conc.)	R	R	Zinc sulphate	R	R
Chlorobenzene	NR	NR	Iron chloride (oso)	R	R	Sodium acetate	R	R			

R = Resistant LR = Limited resistance NR = No-resistance

For information on compatibility for containment of fluids and reagents other than water, it is compulsory to ask for information and approval from the technical office.

For use with liquids other than water, remember to take into consideration any differences in specific weight.

\* The tanks do not have Fire Brigade certification to contain diesel/gasoline fuel.

For use with liquids and fluids other than water, comply with local standards in force for environment and safety requirements.

ELBI guarantees resistance of its PLASTO tanks to liquids declared suitable (R) in the table.

Maintaining the characteristics of the liquids contained inside of PLASTO tanks should be checked by and is the responsibility of the user.

Standard accessories for water

- Connections:

A. with threaded holes

B. with joints: (Fig. 1)

- drainage (3/4")
- inlet (dn 1) and overflow (dn 1) in PP with ring nut and gasket;

- Hole ø 28 for float

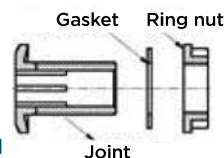


Figure 1