

Superior chemical compatibility

PFA, PTFE and borosilicate glass components for use with a wide range of harsh chemicals

Chemicals A - Z		D		Nitric acid 30-70%	
A		1,2-Diethylbenzene	B/4	Nitric acid dil. <30%	B/4
Acetaldehyde (Ethanal)	A	1,4-Dioxane (Diethylene dioxide)	B/4	Nitrobenzene	B/4
Acetic acid 96%	A	1-Decanol	A	Nitromethane	B/4
Acetic acid 100% (glacial)	B/4	Decane	A	N-methyl-2-pyrrolidone (NMP)	A
Acetic anhydride	B/4	Di-(2-ethylhexyl) peroxydicarbonate	B/4	O	
Acetone (Propanone)	B/4	Dibenzyl ether	B/4	Octane	A
Acetonitrile (MECN)	B/4	Dichloroacetic acid	A	Octanol	A
Acetophenone	B/4	Dichlorobenzene	A	Oil (vegetable, animal)	B/4
Acetyl Chloride	B/4	Dichloroethane	A	Oil of turpentine	B/4
Acetylacetone	A	Dichloroethylene	B/4	Oleic acid	B/1
Acrylic acid	A	Diesel oil (Heating oil)	A	Oxalic acid	C/1
Acrylonitrile	B/4	Diethanolamine	A	P	
Adipic acid	C/1	Diethylamine	B/4	Pentane	B/4
Allyl alcohol	A	Diethylene glycol	A	Peracetic acid	A
Aluminum chloride	C/1	Diethylether	B/4	Perchloric acid 100%	B/4
Amino acids	C/1	Dimethyl sulfoxide (DMSO)	B/1/4	Perchloric acid diluted	A
Ammonia 20%	B/4	Dimethylaniline	A	Perchloroethylene	B/4
Ammonia 20-30%	B/4	Dimethylformamide (DMF)	B/4	Petroleum	B/4
Ammonium chloride	C/1	E		Petroleum ether / spirit	B/4
Ammonium fluoride	C/1	Ethanol	A	Phenol	A
Ammonium molybdate	C/1	Ethanolamine	B/4	Phenylethanol	B/4
Ammonium sulfate	C/1	Ether	B/4	Phenylhydrazine	B/1/4
Amyl alcohol (Pentanol)	A	Ethyl acetate	B/4	Phosphoric acid 100%	A
Amyl chloride (Chloropentane)	B/4	Ethylbenzene	B/4	Phosphoric acid 85%	A
Aniline	A	Ethylene chloride	B/4	Piperidine	B/4
Ascorbic acid	C/1	Ethylene diamine	A	Potassium chloride	C/1
n-Amyl acetate	B/4	Ethylene glycol	A	Potassium dichromate	C/1
B		F		Potassium hydroxide	C/1
Barium chloride	C/1	Fluoroacetic acid	B/1/4	Potassium iodide	C/1
Benzaldehyde	A	Formaldehyde (Formalin)	A	Potassium permanganate	C/1
Benzene	B/4	Formamide	A	Potassium peroxydisulfate (persulfate)	C/1
Benzine	A	Formic acid	A	Potassium sulfate	C/1
Benzoyl chloride	B/4	G		Propionic acid (Propanoic acid)	A
Benzyl alcohol	A	Gamma-butyrolactone	A	Propylene glycol (Propane-1,2-diol)	A
Benzyl chloride	B/4	Gasoline	B/4	Propylene oxide	A
Bis(2-ethylhexyl) phthalate	B/4	Glycerin <40%	A	Pyric acid (Trinitrophenol)	B/4
Boric acid 10%	B/1	Glycolic acid 50%	B/1	Pyridine	B/4
Bromine	C/4	H		Pyruvic acid	B/1
Bromobenzene	B/4	Heating oil (Diesel oil)	A	R	
Bromonaphthalene	A	Heptane	A	Resorcin	C/1
Butanediol	B/1	Hexane	A	S	
Butanol	A	Hexanolic acid	B/1	Salicylaldehyde	A
Butanone (MEK)	B/4	Hexanol	A	Scintillation fluid	A
Butyl acetate	B/4	Hydroiodic acid	B/4	Silver acetate	C/1
Butyl methyl ether	B/4	Hydrobromic acid	A	Silver nitrate	C/1
Butylamine	B/4	Hydrochloric acid 20% (HCl)	A	Sodium acetate	C/1
Butyric acid	B/4	Hydrochloric acid 37% (HCl)	B/3	Sodium chloride (kitchen salt)	C/1
C		Hydrofluoric acid (HF)	C/5	Sodium dichromate	C/1
Calcium carbonate	C/1	Hydrogen peroxide	A	Sodium fluoride	C/1
Calcium chloride	C/1	I		Sodium hydroxide 30%	C/1
Calcium hydroxide	C/1	Iodine	C/1	Sodium hypochlorite	C/1
Calcium hypochlorite	C/1	Iodine bromide	C/4	Sodium thiosulfate	C/1
Carbon disulfide	B/4	Iodine chloride	C/4	Sulfonitric acid 100%	B/3/4
Carbon tetrachloride	B/4	Isoamyl alcohol	A	Sulfur dioxide	B/4
Chlorine dioxide	B/4	Isobutanol	A	Sulfuric acid 100%	B/4
Chlorine water	B/4	Isooctane	A	T	
Chloro naphthalene	B/4	Isopropanol	A	1,1,2-Trichlorotrifluoroethane	B/4
Chloroacetaldehyde 45%	B/1	Isopropyl ether	B/4	Tartaric acid	C/1
Chloroacetic acid	B/1	Iso-propylamine	B/4	Tetrachlorethylene	B/4
Chloroacetone	B/4	L		Tetrahydrofuran (THF)	B/4
Chlorobenzene	B/4	Lactic acid	C/1	Tetramethylammonium hydroxide	C/1/4
Chlorobutane	B/4	M		Toluene	B/4
Chloroethanol	B/4	2-Methoxyethanol	A	Trichlorethylene	B/4
Chloroform	B/4	Methanol	A	Trichloroacetic acid	B/1/4
Nitro-hydrochloric acid (Aqua regia)	B/4	Methoxybenzene (Anisol)	B/4	Trichlorobenzene	B/4
Chlorosulfonic acid	B/4	Methyl benzoate	B/1/4	Trichloroethane	B/4
Chlorosulfuric acid 100%	B/3/4	Methyl chloride (Chloromethane)	B/4	Trichloromethane (Chloroform)	B/4
Chromic acid 100%	B/3/4	Methyl formate	A	Triethanolamine	A
Chromosulfuric acid 100%	C/1/3/4	Methyl iodide (Iodomethane)	B/4	Triethylene glycol	A
Citric acid	B/1	Methyl methacrylate (MMA)	B/4	Trifluoroacetic anhydride (TFAA)	B/4
Copper fluoride	C/1	Methyl propyl ketone (2-Pentanone)	A	Trifluoromethane (Fluoroform)	B/4
Copper sulfate	C/1	Methyl tert-butyl ether	B/4	U	
Cresol	B/1	Methylene chloride (Dichloromethane) (DCM)	B/4	Urea	C/1
Cumene (Isopropylbenzene)	B/4	Methylpentanone	A	X	
Cyanoacrylate	C/1	Mineral oil (engine oil)	A	Xylene	B/4
Cyclohexane	B/4	Monochloroacetic acid	B/1	Z	
Cyclohexanone	B/4	N		Zinc chloride 10%	C/1
Cyclopentane	B/4	N-Butylamine	B/4	Zinc sulfate 10%	C/1
		Nitric acid 100%	C/3/4		

Code explanations

A = Good resistance B = Acceptable with limitations C = Not recommended

1 = Possible crystallisation - blockage or possible coating peeling

2 = Swelling of plunger, possible peeling.

3 = Acid vapours (better resistance with lower concentration).

Rinse the instrument in the rinse mode otherwise do not leave instrument on bottle.

4 = Risk of damage, softening or discoloration of external parts through vapours.

Rinse the instrument in the rinse mode otherwise do not leave instrument on bottle.

5 = Chemical degradation of glass parts (plunger/barrel).

