

Chemical	Housing Material		Liner Material
	NPP	PTFE	PET
Acetic Acid, Glacial	A	A	A
Acetone	B	A	C
Acetonitrile	A	A	B
Acrylonitrile	B	A	B
Ammonium Sulfide	A	A	-
Benzene	D	A	C
Bleach	B	A	C
Boric Acid	A	A	A
Carbonic Acid	A	A	-
Chlorobenzene	C	A	B
Chloroform	D	A	D
Dichloromethane (DCM)	C	A	D
Diethylamine	B	A	-
Dimethyl Formamide (DMF)	A	A	B
Dimethyl Sulfoxide (DMSO)	A	A	B
Dioxane	D	A	A
Ether	D	A	A
Ethyl Acetate	C	A	B
Ethyl Alcohol	A	A	A
Ethylene Glycol	A	A	A
Formaldehyde	A	A	B
Formic Acid 50%	A	A	-
Gasoline	C	A	B
Glycerine	A	A	-
Heptane	C	A	B
Hexane	B	A	C
Hydrochloric Acid (HCL) 50%	A	A	B
Hydrofluoric Acid (HF) 50%	A	A	C
Hydrogen Peroxide 50%	A	A	B

(Tests conducted at room temp) A - Resistant B - Limited Resistance C - Poor Resistance D - Not Resistant -- Unknown

PET: polyethylene terephthalate
 NPP: natural polypropylene
 PTFE: polytetrafluoroethylene

Chemical	Housing Material		Liner Material
	NPP	PTFE	PET
Iodine	C	A	A
Isopropyl Alcohol	A	A	A
Methyl Alcohol	A	A	B
Methyl Ethyl Ketone (MEK)	B	A	B
Methylene Chloride	C	A	D
Nitric Acid 50%	C	A	C
Pentane	D	A	-
Perchloric Acid 50%	B	B	B
Phenol 50%	D	A	D
Phosphoric Acid 50%	A	A	B
Picric Acid	D	A	B
Potassium Hydroxide	A	A	D
Sodium Hydroxide 50%	A	A	D
Sodium Peroxide	B	A	-
Sodium Thiosulfate	A	A	B
Sulfuric Acid 50%	B	A	B
Tetrahydrofuran (THF)	B	A	B
Toluene	C	A	C
Trifluoroacetic Acid (TFA) 50%	A	A	B
Vegetable Oil	A	A	A
Xylene	D	A	C

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