Dutscher
TOGETHER, LET'S HELP SCIENCE PROGRESS

ClearLine® Chemical Compatibility Table

ClearLine®

✓	Recommended use
+/-	Limited resistance
✗	Use not recommended
?	Use to be confirmed (to be tested before use)

ACIDS	CA	GFR	CN	PA	PES	PTFE	PVDF
Glacial acetic	✗	✓	+/-	+/-	✓	✓	✓
Acetic 25 %	+/-	✓	+/-	+/-	✓	✓	✓
Concentrated hydrochloric	✗	✓	✗	✗	✓	✗	✓
Hydrochloric 25 %	✓	✓	✗	+/-	✓	✓	✓
Sulfuric 98 %	✗	✓	✗	✗	✗	✓	+/-
Sulphuric 25 %	✗	✓	+/-	✗	✓	✓	✓
Nitric 65 %	✗	✓	✗	?	✓	✓	+/-
Nitric 25 %	✗	?	+/-	✗	+/-	✓	✓
Phosphoric 25 %	✓	✓	+/-	✗	?	✓	✓
Trichloroacetic 25 %	✗	✓	+/-	✗	?	✓	✓

ALCOHOL	CA	GFR	CN	PA	PES	PTFE	PVDF
Methanol 98%	✓	✓	✗	✓	✓	✓	✓
Ethanol 98 %	✗	✓	✗	+/-	+/-	✓	✓
Ethanol 70 %	✓	✓	✓	✓	✓	✓	✓
Isopropanol	✓	✓	+/-	✓	✓	✓	✓
n-Propanol	✓	✓	✓	✓	?	✓	+/-
n-Butanol	✓	✓	✓	✓	✓	✓	✓
Benzylic	✗	✓	✓	✓	?	✓	✓
Ethylene glycol	+/-	✓	+/-	✓	✓	✓	✓
Propylene glycol	+/-	✓	✓	✓	✓	?	✓
Glycerin	+/-	✓	✓	+/-	+/-	✓	✓

KETONE(S)	CA	GFR	CN	PA	PES	PTFE	PVDF
Acetone	✗	✓	✗	✗	✗	✓	✗
Cyclohexanone	✗	✓	✗	+/-	✗	✓	✓
Methylethylketone	✗	?	✓	+/-	✗	✓	✗
Isopropylic acetone	+/-	✓	✗	✓	✗	✓	✗
Méthylisobytylketone	✓	✓	✗	✓	?	✓	?

BASES	CA	GFR	CN	PA	PES	PTFE	PVDF
Ammonia	+/-	✓	✓	✓	✗	✓	✓
Hydrocloric 25%	✗	✓	+/-	✗	✓	✓	✓

HYDROCARBONES HALOGENATED	CA	GFR	CN	PA	PES	PTFE	PVDF
Methylene chloride	✗	✓	+/-	✓	✗	✗	✗
Chloroform	✗	✓	✓	✓	✗	✓	✗
Trichloroethylene	✗	✓	✓	✓	+/-	+/-	✗
Monochlorobenzene	✓	✓	✓	+/-	?	✓	✓
Carbon tetrachloride	?	✓	✗	✓	✓	✓	✗

HYDROCARBONES	CA	GFR	CN	PA	PES	PTFE	PVDF
Hexane, Xylene	✗	✓	✓	+/-	✗	✓	✓
Toluene, Benzene	✗	✓	✓	✓	✓	✓	✗
Gasoline	✗	✓	✓	✓	+/-	✓	✓

OXIDES - ETHERS	CA	GFR	CN	PA	PES	PTFE	PVDF
Diethyl ether	+/-	✓	✗	✓	✗	✓	?
Dioxane	✗	✓	✗	✓	✓	✓	+/-
Tetrahydrofuran	✗	✓	✗	✓	✗	✓	✗
Dimethylsulfoxide	✗	✓	✗	✓	✗	✓	✗
Isopropyl ether	✗	✓	✗	+/-	✗	✓	?

SOLVANTS WITH NITROGEN	CA	GFR	CN	PA	PES	PTFE	PVDF
Dimethylformamide	✗	✓	✗	✓	✗	✓	✗
Diethylacetamide	✗	✓	✗	✓	?	✓	✗
Pyridine	✗	✓	✗	✓	✗	✓	✓
Acetonitrile	✗	✓	✗	✓	✗	✓	✓

AQUEOUS SOLVENTS	CA	GFR	CN	PA	PES	PTFE	PVDF
Hydrogen peroxide 30 %	+/-	✓	?	✓	?	✓	✓
Formalin 30 %	+/-	✓	✓	+/-	+/-	✓	✓

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