

CHEMICAL COMPATIBILITY



SPI Supplies
206 Garfield Avenue,
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SPI-PORE POLYCARBONATE MEMBRANE FILTERS

Chemical Compatibility Information

Introduction:

The question of chemical compatibility of the polycarbonate track etch membrane filters often times arises, since one often times has the need to filter a liquid other than water. We find the two brands offered by SPI Supplies, both our own SPI-Pore™ as well as the Nuclepore® brands are quite similar, if indeed one can measure any difference in their chemical compatibilities.



Not recommended:

Acetone
Ammonia, 6N
Carbon tetrachloride
Chloroform
Dioxane
DMSO

Nitric acid 6N
Nitrobenzene
Pyridine
Sodium hydroxide 6N
Sulfuric acid, concentrated
Trichloroethane

Resistant to following solvents:

Acetic acid 5%
Amyl acetate
Boric acid
Butyl alcohol
Cyclohexane
Ethanol
Ethers
Ethylene glycol

Formaldehyde
Freon® TF
Precision Cleaning Agent®
Hydrochloric acid, concentrated
Hexane
Isobutyl alcohol
Methanol
Nitric acid, concentrated
Pentane

The above information should be used only as a guide to your selection of membrane and solvents. For filtration of a liquid for which polycarbonate track etch membrane filters are not the right choice, consider the [SPI-Pore™ Silver Membranes](#) or the [Anodisc® aluminum oxide membrane filters](#).