

Membrane Selection Chart

Chemical compatibility of membranes and housings

Solvent	ANP	CA	CN	PC	PE	GMF	NYL	PP	DpPP	PES	PTFE	PVDF	RC
Acetic Acid, 5%	R	LR	R	R		R	R	R	R	R	R	R	R
Acetic Acid, Glacial	R	NR	NR			R	LR	R	R	R	R	R	NR
Acetone	R	NR	NR	NR	R	R	R	R	R	NR	R	NR	R
Acetonitrile	R	NR	NR			R	R	R	R	NR	R	R	R
Ammonia, 6N	NR		NR	NR	LR	LR	R	R	R	R	R	LR	LR
Amyl Acetate	LR	NR	NR	R	R	R	R	R	R	LR	R	LR	R
Amyl Alcohol	R	R	R			R	R	R	R	NR	R	R	R
Benzene*	R	R	R	LR	R	R	LR	LR	LR	R	R	R	R
Benzyl Alcohol*	R	LR	LR	LR	R	R	LR	R	R	NR	R	R	R
Boric Acid	R	R	R	R	R	R	LR	R	R		R	R	R
Butyl Alcohol	R	R	R	R	R	R	R	R	R	R	R	R	R
Butyl Chloride*						R	NR	NR	NR		R	R	R
Carbon Tetrachloride*	R	NR	R	LR	R	R	LR	LR	LR	NR	R	R	R
Chloroform*	R	NR	R	NR	R	R	NR	LR	LR	NR	R	R	R
Chlorobenzene*	R		R	NR		R	NR	LR		NR	R	R	R
Citric Acid						R	LR	R			R	R	R
Cresol		NR	R			R	NR	R	R	NR	R	NR	R
Cyclohexanone	R	NR	NR			R	NR	R	R	NR	R	R	R
Cyclohexane	R	R	R	R	R	R	R	R	R	R	R	R	R
Diethyl Acetamide		NR	NR			R	R	R	R		R	NR	R
Dimethyl Formamide	LR	NR	NR			R	R	R	R	NR	R	NR	LR
Dioxane	R	NR	NR	NR	R	R	R	R	R	LR	R	LR	R
DMSO	LR	NR	NR	NR	R	R	R	R	R	NR	R	LR	LR
Ethanol	R	R	NR	R	R	R	R	R	R	R	R	R	R
Ethers	R	LR	LR	R	R	R	R	R	R	R	R	LR	R
Ethyl Acetate	R	NR	NR	LR	R	R	R	R	R	NR	R	LR	R
Ethylene Glycol	R	R	LR	R	R	R	R	R	R	R	R	R	R
Formaldehyde	LR	LR	R	R	R	R	R	R	R	R	R	R	R
Freon TF	R	R	R	R	R	R	R	R	R	R	R	R	
Formic Acid		LR	LR			R	NR	R	R	R	R	R	LR
Hexane	R	R	R	R	R	R	R	R	R	R	R	R	R
Hydrochloric Acid, Conc	NR	NR	NR	R	NR	R	NR	LR	LR		R	R	NR
Hydrofluoric Acid		NR	NR			NR	NR	LR	LR		R	R	NR
Isobutyl Alcohol	R	R	LR	R	R	R	R	R	R		R	R	R
Isopropyl Alcohol	R	R	LR			R	R	R	R		R	R	R
Methanol	R	R	NR	R	R	R	R	R	R	R	R	R	R
Methyl Ethyl Ketone	R	LR	NR	LR	R	R	R	R	R	NR	R	NR	R
Methylene Chloride*	R	NR	LR			R	NR	LR	LR	NR	R	R	R
Nitric Acid, Conc		NR	NR	R	NR	R	NR	NR	NR	NR	R	R	NR
Nitric Acid, 6N		LR	LR			R	NR	LR	LR	LR	R	R	LR
Nitrobenzene*	LR	NR	NR	NR	R	R	LR	R	R	NR	R	R	R
Pentane	R	R	R	R	R	R	R	R	LR	R	R	R	R
Perchloro Ethylene	R	R	R			R	R	R	LR	NR	R	R	R
Phenol 0.5%	LR	LR	R			R	R	R	R	NR	R	R	R
Pyridine	R	NR	NR	NR	R	R	LR	R	R	NR	R	R	R
Sodium Hydroxide, 6N	NR	NR	NR	NR	NR	NR	LR	R	R	R	R	R	NR
Sulfuric Acid, Conc	NR	NR	NR	NR	NR	R	NR	NR	R	NR	R	R	NR
Tetrahydrofuran	R	NR	NR			R	R	LR	LR	NR	R	R	R
Toluene*	R	LR	R	LR	R	R	LR	LR	LR	NR	R	R	R
Trichloroethane*	R	NR	LR	NR	R	R	LR	R	R	NR	R	R	R
Trichloroethylene*	R		R			R	NR	R	R	NR	R	R	R
Water	R	R	R	R	R	R	R	R	R	R	R	R	R
Xylene*	R	R	R			R	LR	LR	LR	LR	R	R	R

NR = Not Recommended

LR = Limited Resistance

R = Resistant

Material abbreviations:

- ANP - Anopore
- CA - Cellulose Acetate
- CN - Cellulose Nitrate
- DpPP - Polypropylene Depth Filter
- GMF - Glass Microfiber
- NYL - Nylon
- PC - Polycarbonate
- PE - Polyester
- PES - Polyethersulfone
- PP - Polypropylene
- PTFE - Polytetrafluoroethylene
- PVDF - Polyvinylidene Difluoride
- RC - Regenerated Cellulose

* = Short Term Resistance of Housing
The above data is to be used as a guide only. Testing prior to application is recommended.

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ReZist™

2 3 6 9 18

Puradisc

2' 5' 6 9 11 12' 13
15 16' 17' 18

*Notes:
2: PTFE
5: CA, PES, PVDF
12: CA, PES, PVDF
16: PES
17: PES

GD/XP

6 7 9 10 11
13 16 17 18

Application guide

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5	Biological sample separation	13	Refractometry
6	Capillary electrophoresis	15	Sterile filtration
7	High solid content separation	16	COD/TOC/DOC
9	HPLC sample preparation	17	Trace metal analysis
10	Ion-chromatography	18	UV/VIS analysis

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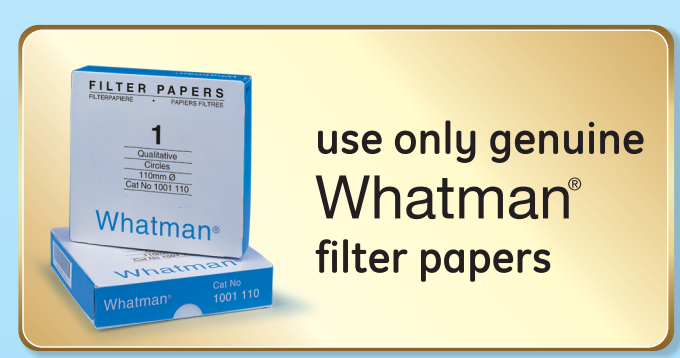
2' 6 7 9
11 13 15 18

*Notes:
2: PTFE, GMF, GA/A,
GF/B, GF/C, GF/D,
GF/F

Puradisc FP

5' 6 11 12' 13 15 18

*Notes:
5: CA
12: CA



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