

Capsule Filters

Key to the Symbols:



Recommended:

No change in either water flow rate or bubble point will be observed



Limited resistance:

Additional in-house testing is advised as swelling, discoloration or other minor changes may occur



Not recommended:

Significant changes in water flow rate and/or bubble point can be expected



Data not available

Recommendations are based on a 24-hour static exposure to the test fluid at room temperature

Capsule Filters

CHEMICAL	CCS	CCF/CCFH	CCP	CCG
Acids				
5% Acetic acid	●	●	●	●
20% Acedic acid	●	●	●	▼
10% Chromic acid	✦	▼	▼	✖
3 kmol/m ³ Hydrochloric acid (10%, 3N)	●	●	●	●
11 kmol/m ³ Hydrochloric acid (35%, 11N)	●	●	●	▼
10% Hydrofluoric acid	✦	●	●	✖
1 kmol/m ³ Nitric acid (5%, 1N)	✦	●	●	▼
4 kmol/m ³ Nitric acid (20%, 4N)	✦	▼	▼	✖
10% Phosphoric acid	✦	●	●	●
1 kmol/m ³ Sulfuric acid (5%, 2N)	●	●	●	●
4 kmol/m ³ Sulfuric acid (20%, 8N)	●	●	●	▼
Alkalis				
2.5 kmol/m ³ Sodium hydroxide (10%, 3N)	●	●	●	▼
2 kmol/m ³ Potassium hydroxide (10%, 2N)	●	●	●	▼
5 kmol/m ³ Aqueous ammonia (10%. 5N)	●	●	●	▼
15 kmol/m ³ Aqueous ammonia (28%. 15N)	●	●	●	▼
Alcohols				
Methyl alcohol	●	●	●	▼
Ethyl alcohol	●	●	●	▼
n-Propyl alcohol	●	●	●	▼
n-Butyl alcohol	●	●	●	▼
Ethylene glycol	●	●	●	●
Ethers				
Ethyl ether	▼	▼	▼	✖
Dioxane	▼	▼	▼	✖
Tetrahydrofuran (THF)	✖	▼	▼	✖
Esters				
Amyl acetate	✦	▼	▼	✦
Methyl acetate	✦	▼	▼	▼
Ethyl acetate	✖	▼	▼	▼
Butyl acetate	✦	▼	▼	▼
Ketones				
Acetone	✖	▼	▼	✖
Methyl ethyl ketone (MEK)	✖	▼	▼	✖
Methyl isobutyl ketone (MIBK)	✖	▼	▼	✖
Hydro-carbons				
n-Hexane	▼	▼	▼	▼
Cyclohexane	▼	▼	▼	▼
Benzene	▼	▼	▼	▼
Toluene	✖	▼	▼	✖
Xylene	✦	▼	▼	▼
Chloroform	✖	▼	▼	✖
Halogenated hydrocarbons				
Carbon tetrachloride	✦	▼	▼	▼
Freon (TMC)	✖	▼	▼	✖
Methylene chloride	✖	▼	▼	✖
Trichloroethylene	✦	▼	▼	✖
Trichloroethane	✦	▼	▼	▼
Amines				
Dimethyl formamide	✖	▼	▼	✖
Aldehydes				
Acetaldehyde	✦	✦	✦	✦
35% Formaldehyde	●	●	●	●
Misc.				
Acetic cellosolve	✦	▼	▼	▼
Acetonitrile	✦	▼	▼	✦
Pyridine	✦	▼	▼	✖
Nitrobenzene	✦	✦	✦	✦
6% Sodium hypochlorite	✦	●	●	●
Ferrous chloride	●	●	●	●
Copper Sulfate	●	●	●	●
Mineral oil	▼	▼	▼	▼
Salt water	●	●	●	●
10% Hydrogen peroxide	●	●	●	▼