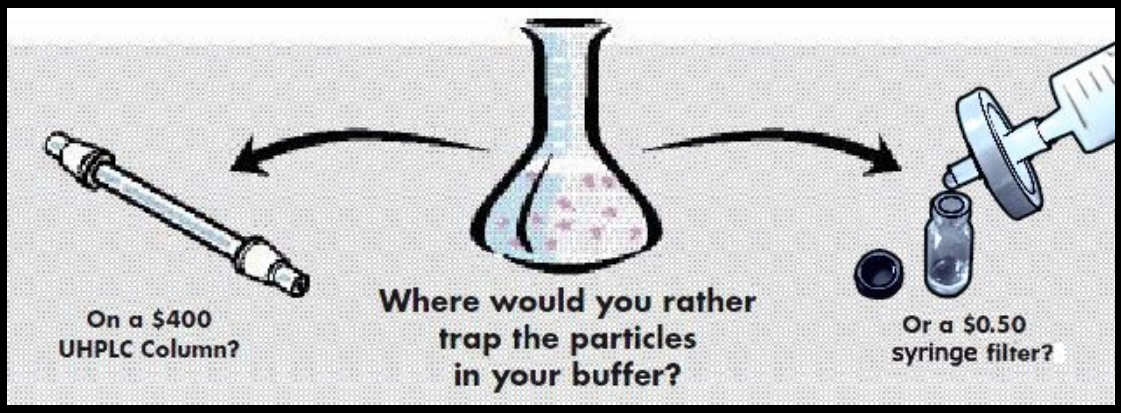
EasyFil™ Syringe Filter

Why To use a syringe filter?



How to select your sample preparation device?

Solutions	Recommended
Solvent Mixtures	Nylon, Hydrophilic PTFE,
Tissue culture Media, Buffers, Protein Analysis/ Biological Samples	CA, PES, MCE, Hydrophilic PVDF
High Particulate Loads	PP,GF, Filter with pre-filter
Aggressive or Pure Organic Solvents	Hydrophobic PTFE, PVDF

Volume of samples	Recommend
<10ml	13mm
<100ml	25mm

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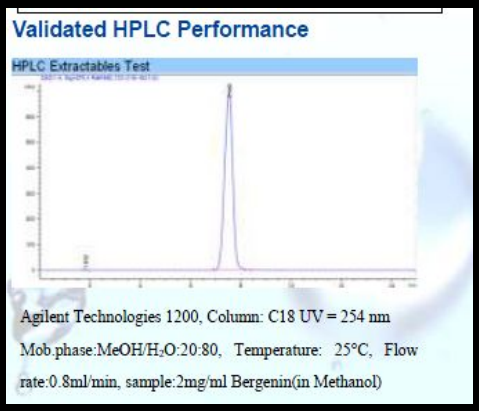
- E: EasyFil
- Pore size: 0.22μm
- Membrane Material: Nylon
- Diameter: 13mm
- S: Syringe Filter

Features



Specification

Parameters	13mm		25mm	
Filtration area (cm2)	0.92		2.98	
Normal Pore Size(μm)	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<100	
Sample volume (ml)	<10		<120	
Inlet/Outlet	Female luer lock/Male luer slip			
Maximum Operating Temperature	50°C		50°C	
Maximum Operating Pressure (psi)	>87		>87	

Order Information:

Part No	Diameter	Pore Size	Wettability	Package	Package
S13NY022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13NY045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25NY022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25NY045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag

Part No	Diameter	Pore Size	Wettability	Package	Package

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Part No	Diameter	Pore Size	Wettability	Package	Package

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Note: More Pore Sizes are available.

Chemical Compatibility Table

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Solvent	MCE	CA	NY	PTFE	H-PTF	PVDF	PES	GF	PP
Acetaldehyde	–	–	o	+	+	+		+	o
Acetic acid, 100 %	–	–	–	+	+	+	+	+	+
Acetone	–	–	+	+	+	–	–	+	+
Acetonitrile	–	–	+	+	+	+	+	+	+
Ammonia, 25 %	–	–	–	+	+	+	+	+	+
Benzene	+	+	+	+	+	o		+	o
n-Butanol	+	+	o	+	+	+	+	+	+
Cyclohexane	+	+	o	+	+	+	+	+	+
Dichloromethane	+	–	–	+	+	+	–	+	–
Diethyl ether	o	o	+	+	+	+	+	+	o
Dimethylformamide	–	–	+	+	+	–	–	+	+
1,4-Dioxane	–	–	+	+	+	o	–	+	o
Ethanol	–	+	+	+	+	+	+	+	+
Ethyl acetate	–	–	+	+	+	+	+	+	o
Ethylene glycol	o	o	+	+	+	+	+	+	+
Formic acid, 100 %	+	–	–	+	+	+	+	+	+
Hydrochloric acid, 30 %	–	–	–	+	+	+	+	+	+
Methanol	–	–	+	+	+	+	+	+	+
Nitric acid, 65 %	–	–	–	o	o	o		+	–
Oxalic acid, 10 % aqueous	+	–	–	+	+	+		+	+
Petroleum ether	+	+	+	+	+	+	+	+	+
Phosphoric acid, 80 %	–	–	–	+	+	o		+	+
Potassium hydroxyde,	–	–	+	+	+	o	+	+	+
2-Propanol	+	+	+	+	+	+	+	+	+
Sodium hydroxyde, 1 mol/L	–	–	+	+	+	o	o	o	+
Tetrachloromethane	+	–	+	+	+	o		+	o
Tetrahydrofuran	–	–	o	+	+	+	–	+	o
Toluene	+	–	+	+	+	+	+	+	o
Trichloroethene	+	+	o	+	+	+		+	o
Trichloromethane	+	–	–	+	+	+	–	+	–
Urea	+	+	+	+	+	+		+	+
Water	+	+	+	+	+	+	+	+	+
Xylene	+	+	+	+	+	o		+	o