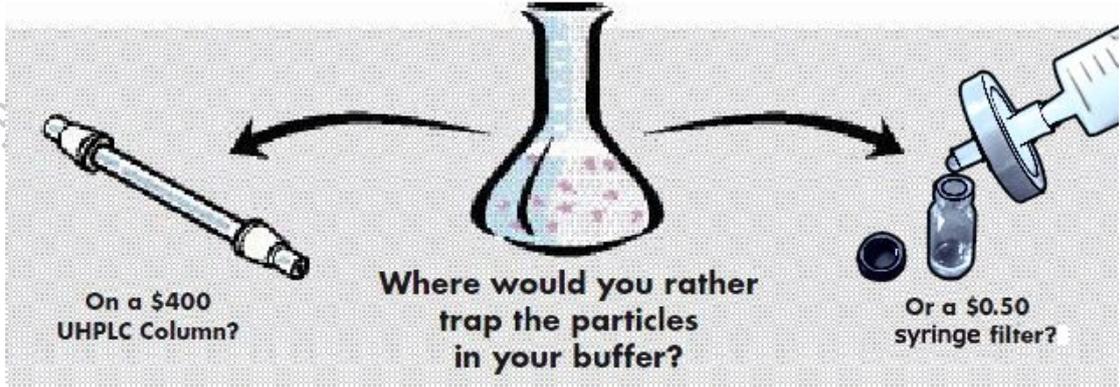




Microlab Scientific Co., Ltd

Microfil™ Syringe Filter

Why To use a syringe filter?



Why choose Microfil™ Syringe Filter

	<p>Features and benefits:</p> <ul style="list-style-type: none"> ➤ Color coding: Easier to tell the filter membrane ➤ Larger filtration areas: (bigger than 33mm) Increased sample throughput ➤ Added sample distribution ring: Improved membrane flows. ➤ High resolutions print: Easier to tell the pore size of filter. ➤ Better membrane media: Improved membrane flow rates. ➤ GF Perfilter Design: Better for solutions with a high load of particulate matter. ➤ Minimum sample hold-up: Syringe Filters' housings are specifically designed to maximize sample recovery



Microfil™ Syringe Filters:

17 and 33mm Syringe Filters designed with a layer of GF prefilter ideal for filtering the solutions with a high load of particulate matter and to speed up and increase sample volume throughput while reducing thumb pressure. All the Syringe filters are well packed, with competitive price filters. The membranes including Nylon, CA, MCE, PES, PTFE, PVDF and PP. All with HPLC certification.

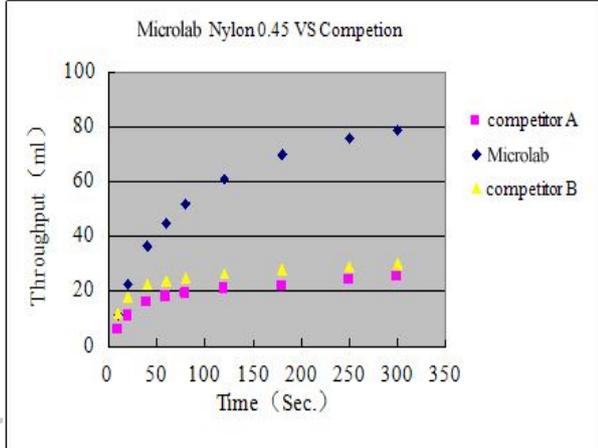
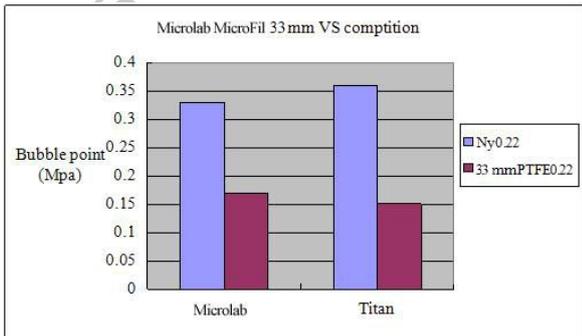




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Application

- HPLC sample preparation
- Content uniformity
- Removal of protein precipitates
- Dissolution testing
- Environmental samples



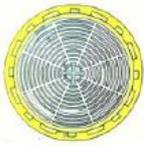
Specification

Parameters	17mm		33mm	
Housing material	Virgin Medical Polypropylene			
Filtration area (cm ²)	1.65		5.39	
Normal Pore Size(μm)	0.22	0.45	0.22	0.45
Holdup volume (μl)	<25		<100	
Sample volume (ml)	<20		<200	
Inlet/Outlet	Female luer lock/Male luer slip			
Maximum Operating Temperature	50°C		50°C	
Maximum Operating Pressure (psi)	>87		>87	





Order Information:

	Cart No.	Description	Packing
	S17NY022M	Nylon Syringe Filter,17mm, 0.22µm	100pcs/pk
	S17NY045M	Nylon Syringe Filter,17mm, 0.45µm	100pcs/pk
	S33NY022M	Nylon Syringe Filter,33mm, 0.22µm	100pcs/pk
	S33NY045M	Nylon Syringe Filter,33mm, 0.45µm	100pcs/pk
	S17PTB022M	PTFE Syringe Filter,17mm, 0.22µm, Hydrophobic	100pcs/pk
	S17PTB045M	PTFE Syringe Filter,17mm, 0.45µm, Hydrophobic	100pcs/pk
	S33PTB022M	PTFE Syringe Filter,33mm, 0.22µm,Hydrophobic	100pcs/pk
	S33PTB045M	PTFE Syringe Filter,33mm, 0.45µm,Hydrophobic	100pcs/pk
	S17PVB022M	PVDF Syringe Filter,17mm, 0.22µm	100pcs/pk
	S17PVB045M	PVDF Syringe Filter,17mm, 0.45µm	100pcs/pk
	S33PVB022M	PVDF Syringe Filter,33mm, 0.22µm	100pcs/pk
	S33PVB045M	PVDF Syringe Filter,33mm, 0.45µm	100pcs/pk
	S17PES022M	PES Syringe Filter,17mm, 0.22µm	100pcs/pk
	S17PES045M	PES Syringe Filter,17mm, 0.45µm	100pcs/pk
	S33PES022M	PES Syringe Filter,33mm, 0.22µm	100pcs/pk
	S33PES045M	PES Syringe Filter,33mm, 0.45µm	100pcs/pk
	S17CA022M	CA Syringe Filter,17mm, 0.22µm	100pcs/pk
	S17CA045M	CA Syringe Filter,17mm, 0.45µm	100pcs/pk
	S33CA022M	CA Syringe Filter,33mm, 0.22µm	100pcs/pk
	S33CA045M	CA Syringe Filter,33mm, 0.45µm	100pcs/pk
	S17PTL022M	PTFE Syringe Filter,17mm, 0.22µm, Hydrophilic	100pcs/pk
	S17PTL045M	PTFE Syringe Filter,17mm, 0.45µm, Hydrophilic	100pcs/pk
	S33PTL022M	PTFE Syringe Filter,33mm, 0.22µm, Hydrophilic	100pcs/pk
	S33PTL045M	PTFE Syringe Filter,33mm, 0.45µm, Hydrophilic	100pcs/pk

Note: other special Pore Size are available.

General Questions, Please contact info@microlabscientific.com

Technical Questions, Please contact support@microlabscientific.com





Chemical Compatibility Table

Note: +: Resistant o: Limited Resistant -: Not Resistant

Solvent	MCE	CA	NY	PTFE	H-PTF	PVDF	PES	GF	PP
Acetaldehyde	-	-	o	+	+	+		+	o
Acetic acid, 100 %	-	-	-	+	+	+	+	+	+
Acetone	-	-	+	+	+	-	-	+	+
Acetonitrile	-	-	+	+	+	+	+	+	+
Ammonia, 33 %	-	-	-	+	+	+	+	+	+
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, 33 %	-	-	-	+	+	+	+	+	+
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

