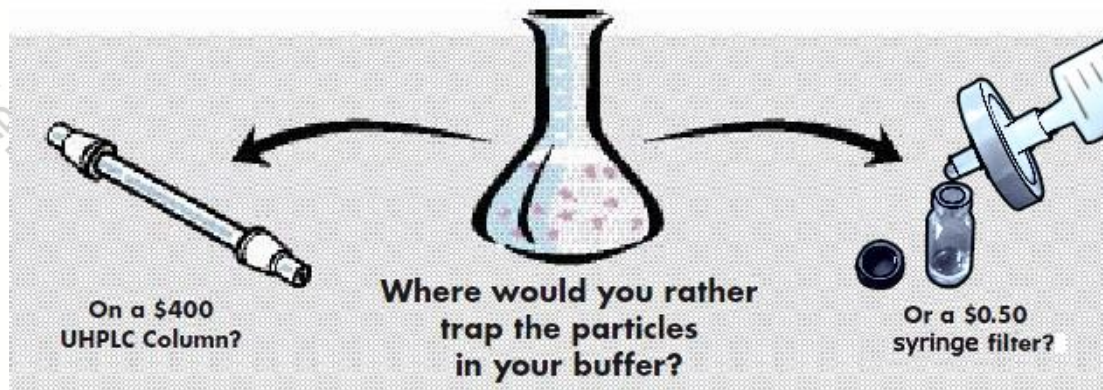





## Chromfil™ Syringe Filter

### Why to use a syringe filter?



**Microlab Chromfil™ Syringe Filters** are syringe-operated filters for the clarification of aqueous solutions (column eluates, tissue culture additives, HPLC samples, etc.). It is offered at a fair and competitive price. It is further to do the beautification appearance on general syringe filters basis and containing high quality membrane materials to make your experiment performance more perfect. Its unique design of gear edge, make the products more beautiful and innovative. The Classic range is available in all of the major membranes including Nylon, PTFE, PVDF, CA and PES, MCE, PP, GF which are supplied in 13mm, 25mm formats in virgin medical polypropylene housings.

### Why choose Chromfil™ Syringe Filter

	<p><b>Reason:</b></p> <ol style="list-style-type: none"><li>1. With high-quality Membrane</li><li>2. Unique design of gear rim</li><li>3. Non-pyrogenic</li><li>4. Easier to tell the filter type</li><li>5. The same design as Agilent, Phenomenex's Filter</li></ol>
---	--

### Feature

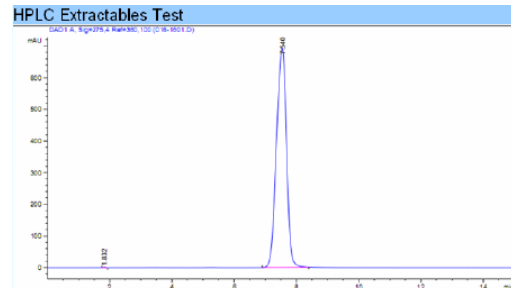
1. HPLC certification which guarantees the filters will not produce extraneous peaks in the UV range.
2. 100% integrity tested with higher burst strength ratings assuring they will perform consistently.
3. Available in 13 and 25mm sizes and available in sterile, too.
4. 0.45µm for most clarification applications and 0.22 µm when fine particulate removal is required. Other pore size are available in 0.8µm-5µm.











## Application:

- HPLC sample preparation
- Routine QC analysis
- Content uniformity
- Removal of protein precipitates
- Dissolution testing
- Food analysis
- Biofuel analysis
- Environmental samples



### Validated HPLC Performance :

Agilent Technologies 1200, Column: C18 UV  
 = 254 nm Mob.phase:MeOH/H<sub>2</sub>O:20:80,  
 Temperature: 25 °C, Flow rate:0.8ml/min,  
 sample:2mg/ml Bergenin(in Methanol)

Standard Sample Pack			
Nylon syringe filter (100pcs)		PTFE syringe filter (100pcs)	
	13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,		13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,
PVDF syringe filter (100pcs)		PES syringe filter (100pcs)	
	13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,		13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,
GF syringe filter (100pcs)		MCE syringe filter (100pcs)	
	13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,		13mm, 0.22/0.45µm, 25mm, 0.22/0.45µm,

## Specification

Parameters	13mm		25mm	
	Filtration area (cm <sup>2</sup> )	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:

### 13mm syringe filters

Part No.	Membrane	Pore Size( $\mu\text{m}$ )	Diameter(m)	Packing(pcs/pk)
S13NY022C	Nylon	0.22	13	100
S13NY045C		0.45	13	100
S13PTB022C	Hydrophobic PTFE	0.22	13	100
S13PTB045C		0.45	13	100
S13PTL022C	Hydrophilic PTFE	0.22	13	100
S13PTL045C		0.45	13	100
S13PES022C	PES	0.22	13	100
S13PES045C		0.45	13	100
S13PVB022C	PVDF	0.22	13	100
S13PVB045C		0.45	13	100
S13CA022C	CA	0.22	13	100
S13CA045C		0.45	13	100
S13MCE022C	MCE	0.22	13	100
S13MCE045C		0.45	13	100
S13PP022C	PP	0.22	13	100
S13PP045C		0.45	13	100

### 25mm syringe filters

Part No.	Membrane	Pore Size( $\mu\text{m}$ )	Diameter(m)	Packing(pcs/pk)
S25NY022C	Nylon	0.22	25	100
S25NY045C		0.45	25	100
S25PTB022C	Hydrophobic PTFE	0.22	25	100
S25PTB045C		0.45	25	100
S25PTL022C	Hydrophilic PTFE	0.22	25	100
S25PTL045C		0.45	25	100
S25PES022C	PES	0.22	25	100
S25PES045C		0.45	25	100
S25PVB022C	PVDF	0.22	25	100
S25PVB045C		0.45	25	100
S25CA022C	CA	0.22	25	100
S25CA045C		0.45	25	100
S25MCE022C	MCE	0.22	25	100
S25MCE045C		0.45	25	100
S25PP022C	PP	0.22	25	100
S25PP045C		0.45	25	100

General Questions, Please contact [info@microlabscientific.com](mailto:info@microlabscientific.com)

Technique Questions, Please contact [Jack@microlabscientific.com](mailto:Jack@microlabscientific.com)

