

Sterile Hydrophilic PVDF Syringe Filters

Cobetter sterile PVDF syringe filters are individually packed and made of two layers of hydrophilic PVDF membrane. The first layer is a prefilter with larger pore size which makes the syringe filter high throughput and fast flow rate. The housing is made of premium polypropylene which has a wide chemical compatibility. The Over molded design ensures higher operating pressures. Luer lock inlet/outlet offers leak-tight syringe connection.

Features

- Available in pore sizes 0.1µm, 0.22µm and 0.45µm
- Graduated pore sizes for high throughput
- Lowest protein binding

Applications

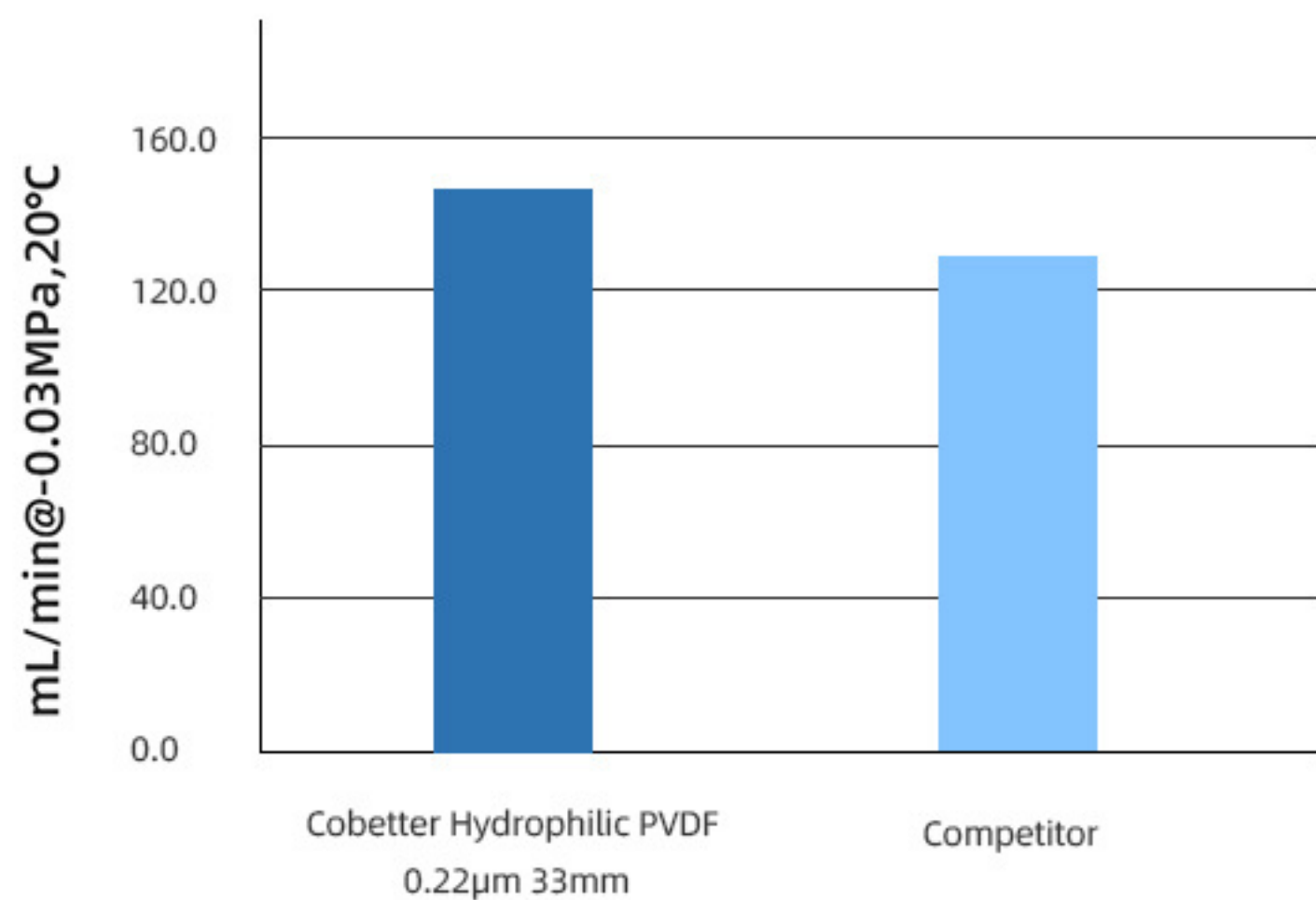
- Sterilization of aqueous solutions
- Filtration of high value protein or small molecule components



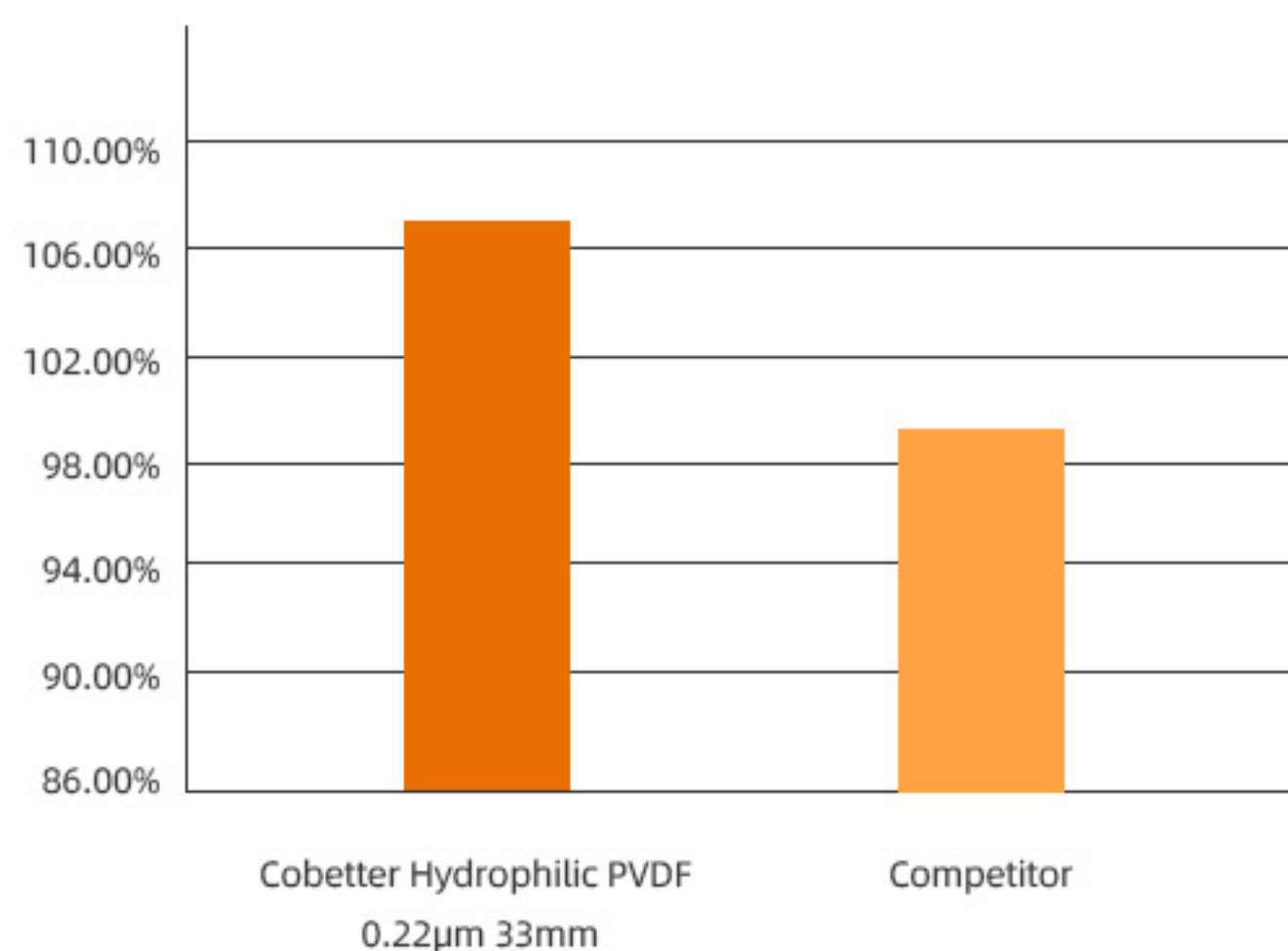
Specifications

Connections	Inlet	Female Luer Lock		
	Outlet	Male Luer Slip		
Materials	Housing	PP		
	Membrane	PVDF		
	Wettability	Hydrophilic		
Physical Properties	Filter Diameter	13mm	25mm	33mm
	Filtration Area	0.72cm ²	3.4cm ²	4.5cm ²
	Maximum Operating Pressure	6bar	3bar	2bar
Sterility	Delivery Condition	Sterile		
	Sterilization Method	Gamma Irradiation		
Package	Pack Size	100pcs		
	Packaging	Single blister packed		

Water Flow Rate



Protein rate of filtered BSA solution



Ordering Information

Part No.	Membrane	Diameter	Pre-filter	Pore size	Sterilization	Qty/box (pcs)
SFMPVH-2213S	Hydrophilic PVDF	13mm	0.65µm	0.22µm	YES	100
SFMPVH-4513S	Hydrophilic PVDF	13mm	1.0µm	0.45µm	YES	100
SFMPVH-2225S	Hydrophilic PVDF	25mm	0.65µm	0.22µm	YES	100
SFMPVH-4525S	Hydrophilic PVDF	25mm	1.0µm	0.45µm	YES	100
SFMPVH-0133S	Hydrophilic PVDF	33mm	0.2µm	0.1µm	YES	100
SFMPVH-2233S	Hydrophilic PVDF	33mm	0.65µm	0.22µm	YES	100
SFMPVH-4533S	Hydrophilic PVDF	33mm	1.0µm	0.45µm	YES	100