

VertiClen™ PVDF-HB Syringe Filters

VertiClean™ PVDF-HB Syringe Filters

- Filtration of all non-aqueous and solvent based samples
- General filtration of biological samples
- Available in 13mm and 25mm diameter membranes
- Economic price

VertiClean™ PVDF-HB (Hydrophobic Polyvinylidene Fluoride) is low UV absorbing extractables and highly resistance to most solvents and low protein binding. VertiClean™ PVDF ideals for filtration of non-aqueous or solvent based samples and biological samples.



Specifications		Diameter(mm)	
Properties		13	25
Bubble point ¹ (psi)	0.2µm	35	
	0.45µm	24	
Typical Flow rate ² (mL/min/cm ²)	0.2µm	12	
	0.45µm	29	
Membrane material	Hydrophobic Polyvinylidene fluoride		
Housing Material	Pigment-free Polypropylene		
Connector (inlet/outlet)	Female Luer Lock/Male Luer Slip		
Burst Pressure ³ (psi)	100	80	
Retain Volume ⁴ (µL)	30	125	
Sample Volume(mL)	10	150	
Packaging	13mm	PP Thread Bottle	
	25mm	Corrugated Box	

¹ Bubble point is the minimum pressure required to force air through a membrane which has been prewet with water.

² Flow rate is initial flow rate at 10 psi using water.

³ Burst pressure is the maximum pressure to force air through a closed outlet end housing.

⁴ Retention volume is a volume of solvent retained inside the housing.

Ordering Information			
Size	Pore Size	QTY	Part No.
VertiClean™ PVDF-HB Syringe Filters			
13mm	0.2µm	100	0221-9101
		500	0221-9105
		1000	0221-9110
	0.45µm	100	0221-9301
		500	0221-9305
		1000	0221-9310
25mm	0.2µm	100	0223-9101
		500	0223-9105
		1000	0223-9110
	0.45µm	100	0223-9301
		500	0223-9305
		1000	0223-9310

Filtration