

VertiClean™ PVDF Syringe Filters

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- 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 (Polyvinylidene Fluoride) is hydrophobic, 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.



VertiClean™ PVDF Syringe Filter Specifications			
Properties		Diameter (mm)	
		13	25
Bubble point ¹ (psi)	0.2 µm	35	
	0.45µm	24	
Typical Flow rate ² (mL/min/cm ²)	0.2 µm	12	
	0.45µm	29	
Housing material		Pigment-free Polypropylene	
Connector (inlet/outlet)		Female Luer Lock/Male Luer Slip	
Burst Pressure ³ (psi)		100	100
Retain Volume ⁴ (µL)		30	120
Sample Volume (mL)		6	70
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 isopropyl alcohol.

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

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.

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Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0221-9101
		500	0221-9105
		1000	0221-9110
		5000	0221-9150
	0.45 µm	100	0221-9301
		500	0221-9305
		1000	0221-9310
		5000	0221-9350
25mm	0.2 µm	100	0223-9101
		500	0223-9105
		1000	0223-9110
		5000	0223-9150
	0.45 µm	100	0223-9301
		500	0223-9305
		1000	0223-9310
		5000	0223-9350