

VertiClean™ PTFE Syringe Filters

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- Filtration of non-aqueous or solvent based samples
- Prewetting with methanol or ethanol prior to aqueous samples filtration
- Available in 13mm and 25mm diameter membranes
- Economic price

VertiClean™ PTFE (polytetrafluoroethylene) is hydrophobic, highest solvent resistance and high protein binding. VertiClean™ PTFE ideals for filtration of non-aqueous or solvent based samples and degassing chromatography.



VertiClean™ PTFE Syringe Filter Specifications		
Properties	Diameter (mm)	
	13	25
Bubble point ¹ (psi)	0.2 μm	14
	0.45μm	8
Typical Flow rate ² (mL/min/cm ²)	0.2 μm	55
	0.45μm	100
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.

VertiClean™ PTFE Syringe Filters			
Size	Pore Size	QTY.	Part No.
13mm	0.2 μm	100	0221-2101
		500	0221-2105
		1000	0221-2110
	0.45 μm	5000	0221-2150
		100	0221-2301
		500	0221-2305
25mm	0.2 μm	1000	0221-2310
		5000	0221-2350
		100	0223-2101
	0.45 μm	500	0223-2105
		1000	0223-2110
		5000	0223-2150
25mm	0.2 μm	100	0223-2101
		500	0223-2105
		1000	0223-2110
	0.45 μm	5000	0223-2150
		100	0223-2301
		500	0223-2305
25mm	0.45 μm	1000	0223-2310
		5000	0223-2350
		1000	0223-2310