

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.



Specifications			
Properties		Diameter(mm)	
		13	25
Bubble point ¹ (psi)	0.2µm	14	14
	0.45µm	8	8
Typical Flow rate ² (mL/min/cm ²)	0.2µm	55	55
	0.45µm	100	100
Membrane material	Polytetrafluoroethylene		
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.
13mm	0.2µm	100	0221-2101
		500	0221-2105
		1000	0221-2110
	0.45µm	100	0221-2301
		500	0221-2305
		1000	0221-2310
25mm	0.2µm	100	0223-2101
		500	0223-2105
		1000	0223-2110
	0.45µm	100	0223-2301
		500	0223-2305
		1000	0223-2310