

VertiClean™ MCE Syringe Filters

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- Filtration of all aqueous and most solvent based samples
- Use with aqueous and organic solvents
- Available in 13mm and 25mm diameter membranes
- Economic price

VertiClean™ MCE (Mixed Cellulose Acetate) is hydrophilic, good solvent resistance and high protein binding. VertiClean™ MCE ideals for filtration of all aqueous and most solvent based samples and specifically filtration of trace protein contamination.



Specifications		Diameter(mm)	
Properties		13	25
Bubble point ¹ (psi)	0.2µm	52	
	0.45µm	30	
Typical Flow rate ² (mL/min/cm ²)	0.2µm	19	
	0.45µm	51	
Membrane material		Mixed Cellulose Acetate	
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™ MCE Syringe Filters			
13mm	0.2µm	100	0221-8101
		500	0221-8105
		1000	0221-8110
	0.45µm	100	0221-8301
		500	0221-8305
		1000	0221-8310
25mm	0.2µm	100	0223-8101
		500	0223-8105
		1000	0223-8110
	0.45µm	100	0223-8301
		500	0223-8305
		1000	0223-8310

Filtration