

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.



VertiClean™ MCE Syringe Filter Specifications			
Properties	Diameter (mm)		
	13	25	
Bubble point ¹ (psi)	0.2 µm	52	
	0.45µm	30	
Typical Flow rate ² (mL/min/cm ²)	0.2 µm	19	
	0.45µm	51	
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.

VertiPure™ MCE Syringe Filters					
Size	Pore Size	QTY.	Part No.		
13mm	0.2 µm	100	0221-8101		
		500	0221-8105		
		1000	0221-8110		
		5000	0221-8150		
		100	0221-8301		
	0.45 µm	500	0221-8305		
		1000	0221-8310		
		5000	0221-8350		
		25mm	0.2 µm	100	0223-8101
				500	0223-8105
1000	0223-8110				
5000	0223-8150				
100	0223-8301				
	0.45 µm	500	0223-8305		
		1000	0223-8310		
		5000	0223-8350		