

# VertiClean™ CA Syringe Filters

## VertiClean™ CA Syringe Filters

- For aqueous based samples and biological samples.
- Available in 13mm and 25mm diameter membranes

VertiClean™ CA (Cellulose Acetate) is hydrophilic, limited solvent resistance, very low protein binding. The pre-filter increases yield. VertiClean™ CA ideals for aqueous based samples and tissue culture and sensitive biological samples.



Specifications			
Properties		Diameter(mm)	
		13	25
Bubble point <sup>1</sup> (psi)	0.2μm	50	
	0.45μm	30	
Typical Flow rate <sup>2</sup> (mL/min/cm <sup>2</sup> )	0.2μm	16	
	0.45μm	54	
Membrane material		Cellulose Acetate	
Housing Material		Pigment-free Polypropylene	
Connector (inlet/outlet)		Female Luer Lock/Male Luer Slip	
Burst Pressure <sup>3</sup> (psi)		100	80
Retain Volume <sup>4</sup> (μL)		30	125
Sample Volume(mL)		10	150
Packaging	13mm	PP Thread Bottle	
	25mm	Corrugated Box	

<sup>1</sup> Bubble point is the minimum pressure required to force air through a membrane which has been prewet with water.

<sup>2</sup> Flow rate is initial flow rate at 10 psi using water.

<sup>3</sup> Burst pressure is the maximum pressure to force air through a closed outlet end housing.

<sup>4</sup> Retention volume is a volume of solvent retained inside the housing.

Ordering Information			
Size	Pore Size	QTY	Part No.
<b>VertiClean™ CA Syringe Filters</b>			
13mm	0.2μm	100	0221-1101
		500	0221-1105
		1000	0221-1110
	0.45μm	100	0221-1301
		500	0221-1305
		1000	0221-1310
25mm	0.2μm	100	0223-1101
		500	0223-1105
		1000	0223-1110
	0.45μm	100	0223-1301
		500	0223-1305
		1000	0223-1310