

# VertiPure™ CA Syringe Filters

## VertiPure™ CA Syringe Filters

- For aqueous based samples and biological samples.
- Available in 4mm, 13mm, 17mm, and 25mm diameter membranes
- Includes QC certificate for leakage and extractables

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



VertiPure™ CA Syringe Filters				
Size	Pore Size	QTY.	Part No.	
4mm	0.2 µm	100	0200-1101	
		500	0200-1105	
		1000	0200-1110	
	0.45 µm	100	0200-1301	
		500	0200-1305	
		1000	0200-1310	
	13mm	0.2 µm	100	0201-1101
			500	0201-1105
			1000	0201-1110
0.45 µm		100	0201-1301	
		500	0201-1305	
		1000	0201-1310	
17mm		0.2 µm	100	0202-1101
			500	0202-1105
			1000	0202-1110
	0.45 µm	100	0202-1301	
		500	0202-1305	
		1000	0202-1310	
	25mm	0.2 µm	100	0203-1101
			500	0203-1105
			1000	0203-1110
0.45 µm		100	0203-1301	
		500	0203-1305	
		1000	0203-1310	

VertiPure™ CA Syringe Filter Specifications					
Properties		Diameter (mm)			
		4	13	17	25
Bubble point <sup>1</sup> (psi)	0.2 µm	50			
	0.45µm	30			
Typical Flow rate <sup>2</sup> (mL/min/cm <sup>2</sup> )	0.2 µm	16			
	0.45µm	54			
Housing	4mm	Polypropylene			
Material	13-25mm	Pigment-free Polypropylene			
Connector (inlet/outlet)		Female Luer Lock/Male Luer Slip			
Burst Pressure <sup>3</sup> (psi)		75	100	100	100
Retain Volume <sup>4</sup> (µL)		8	30	45	120
Sample Volume (mL)		2	6	40	70
Packaging	4, 13, 17mm	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.

VertiPure™ CA Syringe Filters with GMF Prefilter			
Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0201-1201
		500	0201-1205
		1000	0201-1210
	0.45 µm	100	0201-1401
		500	0201-1405
		1000	0201-1410
17mm	0.2 µm	100	0202-1201
		500	0202-1205
		1000	0202-1210
	0.45 µm	100	0202-1401
		500	0202-1405
		1000	0202-1410
25mm	0.2 µm	100	0203-1201
		500	0203-1205
		1000	0203-1210
	0.45 µm	100	0203-1401
		500	0203-1405
		1000	0203-1410