

VertiPure™ MCE Syringe Filters

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- Filtration of all aqueous and most solvent based samples
- Use with aqueous and organic solvents
- Available in 4mm, 13mm, 17mm and 25mm diameter membranes
- Includes QC certificate for leakage and extractables

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



VertiPure™ MCE Syringe Filters			
Size	Pore Size	QTY.	Part No.
4mm	0.2 µm	100	0200-8101
		500	0200-8105
		1000	0200-8110
	0.45 µm	100	0200-8301
		500	0200-8305
		1000	0200-8310
13mm	0.2 µm	100	0201-8101
		500	0201-8105
		1000	0201-8110
	0.45 µm	100	0201-8301
		500	0201-8305
		1000	0201-8310
17mm	0.2 µm	100	0202-8101
		500	0202-8105
		1000	0202-8110
	0.45 µm	100	0202-8301
		500	0202-8305
		1000	0202-8310
25mm	0.2 µm	100	0203-8101
		500	0203-8105
		1000	0203-8110
	0.45 µm	100	0203-8301
		500	0203-8305
		1000	0203-8310

VertiPure™ MCE Syringe Filter Specifications					
Properties		Diameter (mm)			
		4	13	17	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	4mm	Polypropylene			
Material	13-25mm	Pigment-free Polypropylene			
Connector (inlet/outlet)		Female Luer Lock/Male Luer Slip			
Burst Pressure ³ (psi)		75	100	100	100
Retain Volume ⁴ (µL)		8	30	45	120
Sample Volume (mL)		2	6	40	70
Packaging	4, 13, 17mm	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.

VertiPure™ MCE Syringe Filters with GMF Prefilter			
Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0201-8201
		500	0201-8205
		1000	0201-8210
	0.45 µm	100	0201-8401
		500	0201-8405
		1000	0201-8410
17mm	0.2 µm	100	0202-8201
		500	0202-8205
		1000	0202-8210
	0.45 µm	100	0202-8401
		500	0202-8405
		1000	0202-8410
25mm	0.2 µm	100	0203-8201
		500	0203-8205
		1000	0203-8210
	0.45 µm	100	0203-8401
		500	0203-8405
		1000	0203-8410

Filtration