

VertiPure™ PP Syringe Filters

VertiPure™ PP Syringe Filters

- Filtration of all aqueous and most solvent based samples
- General filtration of biological samples
- Available in 4mm, 13mm, 17mm and 25mm diameter membranes
- Includes QC certificate for leakage and extractables

VertiPure™ PP (Polypropylene) is hydrophobic, high solvent resistance, lower protein binding than PVDF. VertiPure™ PP ideals for all aqueous or most solvent based samples and biological samples.



VertiPure™ PP Syringe Filters			
Size	Pore Size	QTY.	Part No.
4mm	0.2 µm	100	0200-4101
		500	0200-4105
		1000	0200-4110
	0.45 µm	100	0200-4301
		500	0200-4305
		1000	0200-4310
13mm	0.2 µm	100	0201-4101
		500	0201-4105
		1000	0201-4110
	0.45 µm	100	0201-4301
		500	0201-4305
		1000	0201-4310
17mm	0.2 µm	100	0202-4101
		500	0202-4105
		1000	0202-4110
	0.45 µm	100	0202-4301
		500	0202-4305
		1000	0202-4310
25mm	0.2 µm	100	0203-4101
		500	0203-4105
		1000	0203-4110
	0.45 µm	100	0203-4301
		500	0203-4305
		1000	0203-4310

VertiPure™ PP Syringe Filter Specifications					
Properties		Diameter (mm)			
		4	13	17	25
Bubble point ¹ (psi)	0.2 µm	35			
	0.45µm	24			
Typical Flow rate ² (mL/min/cm ²)	0.2 µm	24			
	0.45µm	60			
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 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™ PP Syringe Filters with GMF Prefilter			
Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0201-4201
		500	0201-4205
		1000	0201-4210
	0.45 µm	100	0201-4401
		500	0201-4405
		1000	0201-4410
17mm	0.2 µm	100	0202-4201
		500	0202-4205
		1000	0202-4210
	0.45 µm	100	0202-4401
		500	0202-4405
		1000	0202-4410
25mm	0.2 µm	100	0203-4201
		500	0203-4205
		1000	0203-4210
	0.45 µm	100	0203-4401
		500	0203-4405
		1000	0203-4410