

VertiPure™ PTFE Syringe Filters

VertiPure™ PTFE Syringe Filters

- Filtration of non-aqueous or solvent based samples
- Prewetting with methanol or ethanol prior to aqueous samples filtration
- Available in 4mm, 13mm, 17mm and 25mm diameter membranes
- Includes Certificate of Analysis for leakage, extractables and particle size distribution

VertiPure™ PTFE (Polytetrafluoroethylene) is hydrophobic, highest solvent resistance and high protein binding. VertiPure™ PTFE ideals for filtration of non-aqueous or solvent based samples and degassing chromatography.

VertiPure™ PTFE Syringe Filter with 1.0µm Glass Microfilter Prefilter offers excellent for filtration of viscous or particle laden samples without clogging.



Ordering Information			
Size	Pore Size	QTY	Part No.
VertiPure™ PTFE Syringe Filters with 1.0µm GMF Prefilter			
13mm	0.2µm	100	0201-2201
		500	0201-2205
		1000	0201-2210
	0.45µm	100	0201-2401
		500	0201-2405
		1000	0201-2410
17mm	0.2µm	100	0202-2201
		500	0202-2205
		1000	0202-2210
	0.45µm	100	0202-2401
		500	0202-2405
		1000	0202-2410
25mm	0.2µm	100	0203-2201
		500	0203-2205
		1000	0203-2210
	0.45µm	100	0203-2401
		500	0203-2405
		1000	0203-2410

Specifications					
Properties		Diameter(mm)			
		4	13	17	25
Bubble point ¹ (psi)	0.2µm	14			
	0.45µm	8			
Typical Flow rate ² (mL/min/cm ²)	0.2µm	50			
	0.45µm	100			
Membrane Material		Polytetrafluoroethylene			
Housing Material		Pigment-free Polypropylene			
Connector (inlet/outlet)		Female Luer Lock/Male Luer Slip			
Burst Pressure ³ (psi)		75	100	90	80
Retain Volume ⁴ (µL)		10	30	45	125
Sample Volume(mL)		2	10	30	150
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 10psi 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.

Ordering Information			
Size	Pore Size	QTY	Part No.
VertiPure™ PTFE Syringe Filters			
4mm	0.2µm	100	0200-2101
		500	0200-2105
		1000	0200-2110
	0.45µm	100	0200-2301
		500	0200-2305
		1000	0200-2310
13mm	0.2µm	100	0201-2101
		500	0201-2105
		1000	0201-2110
	0.45µm	100	0201-2301
		500	0201-2305
		1000	0201-2310
17mm	0.2µm	100	0202-2101
		500	0202-2105
		1000	0202-2110
	0.45µm	100	0202-2301
		500	0202-2305
		1000	0202-2310
25mm	0.2µm	100	0203-2101
		500	0203-2105
		1000	0203-2110
	0.45µm	100	0203-2301
		500	0203-2305
		1000	0203-2310