

VertiPure™ RC Syringe Filters

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- Ideal for aqueous based samples
- General filtration of biological samples
- Available in 4mm, 13mm, 17mm and 25mm diameter membranes
- Includes Certificate of Analysis for leakage, extractables and particle size distribution

VertiPure™ RC (Regenerated Cellulose) is hydrophilic, high solvent resistance and lowest protein binding. VertiPure™ RC ideals for aqueous based samples and biological samples.

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

Specifications		Diameter(mm)			
Properties		4	13	17	25
Bubble point ¹ (psi)	0.2µm	35			
	0.45µm	24			
Typical Flow rate ² (mL/min/cm ²)	0.2µm	27			
	0.45µm	37			
Membrane Material		Regenerated Cellulose			
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.



Filtration

Ordering Information			
Size	Pore Size	QTY	Part No.
VertiPure™ RC Syringe Filters with GMF Prefilter			
13mm	0.2µm	100	0201-5201
		500	0201-5205
		1000	0201-5210
	0.45µm	100	0201-5401
		500	0201-5405
		1000	0201-5410
17mm	0.2µm	100	0202-5201
		500	0202-5205
		1000	0202-5210
	0.45µm	100	0202-5401
		500	0202-5405
		1000	0202-5410
25mm	0.2µm	100	0203-5201
		500	0203-5205
		1000	0203-5210
	0.45µm	100	0203-5401
		500	0203-5405
		1000	0203-5410

Ordering Information			
Size	Pore Size	QTY	Part No.
VertiPure™ RC Syringe Filters			
4mm	0.2µm	100	0200-5101
		500	0200-5105
		1000	0200-5110
	0.45µm	100	0200-5301
		500	0200-5305
		1000	0200-5310
13mm	0.2µm	100	0201-5101
		500	0201-5105
		1000	0201-5110
	0.45µm	100	0201-5301
		500	0201-5305
		1000	0201-5310
17mm	0.2µm	100	0202-5101
		500	0202-5105
		1000	0202-5110
	0.45µm	100	0202-5301
		500	0202-5305
		1000	0202-5310
25mm	0.2µm	100	0203-5101
		500	0203-5105
		1000	0203-5110
	0.45µm	100	0203-5301
		500	0203-5305
		1000	0203-5310