

VertiPure™ RC Syringe Filters

VertiPure™ RC Syringe Filters

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

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 Filters

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

VertiPure™ RC 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	27		
	0.45µm	37		
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 isopropyl alcohol.

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™ RC Syringe Filters with GMF Prefilter

Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0201-5201
		500	0201-5205
		1000	0201-5210
	0.45 µm	100	0201-5401
		500	0201-5405
		1000	0201-5410
17mm	0.2 µm	100	0202-5201
		500	0202-5205
		1000	0202-5210
	0.45 µm	100	0202-5401
		500	0202-5405
		1000	0202-5410
25mm	0.2 µm	100	0203-5201
		500	0203-5205
		1000	0203-5210
	0.45 µm	100	0203-5401
		500	0203-5405
		1000	0203-5410