

VertiPure™ Nylon Syringe Filters

VertiPure™ Nylon Syringe Filters

- 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™ Nylon (Polyamide) is hydrophilic, good solvent resistance and medium protein binding. VertiPure™ Nylon ideals for filtration of all aqueous and most solvent based samples. Use with care for biological compounds.



VertiPure™ Nylon Syringe Filters			
Size	Pore Size	QTY.	Part No.
4mm	0.2 µm	100	0200-0101
		500	0200-0105
		1000	0200-0110
	0.45 µm	100	0200-0301
		500	0200-0305
		1000	0200-0310
13mm	0.2 µm	100	0201-0101
		500	0201-0105
		1000	0201-0110
	0.45 µm	100	0201-0301
		500	0201-0305
		1000	0201-0310
17mm	0.2 µm	100	0202-0101
		500	0202-0105
		1000	0202-0110
	0.45 µm	100	0202-0301
		500	0202-0305
		1000	0202-0310
25mm	0.2 µm	100	0203-0101
		500	0203-0105
		1000	0203-0110
	0.45 µm	100	0203-0301
		500	0203-0305
		1000	0203-0310

VertiPure™ Nylon Syringe Filter Specifications				
Properties	Diameter (mm)			
	4	13	17	25
Bubble point ¹ (psi)	0.2 µm	50		
	0.45 µm	30		
Typical Flow rate ² (mL/min/cm ²)	0.2 µm	10		
	0.45 µm	27		
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™ Nylon Syringe Filters with GMF Prefilter			
Size	Pore Size	QTY.	Part No.
13mm	0.2 µm	100	0201-0201
		500	0201-0205
		1000	0201-0210
	0.45 µm	100	0201-0401
		500	0201-0405
		1000	0201-0410
17mm	0.2 µm	100	0202-0201
		500	0202-0205
		1000	0202-0210
	0.45 µm	100	0202-0401
		500	0202-0405
		1000	0202-0410
25mm	0.2 µm	100	0203-0201
		500	0203-0205
		1000	0203-0210
	0.45 µm	100	0203-0401
		500	0203-0405
		1000	0203-0410