

# VertiClean™ Nylon Syringe Filters

## VertiClean™ Nylon Syringe Filters

- Filtration of all aqueous and most solvent based samples
- Use with aqueous and organic solvents
- Available in 13mm and 25mm diameter membranes
- Economic price

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



VertiClean™ Nylon Syringe Filter Specifications		
Properties	Diameter (mm)	
	13	25
Bubble point <sup>1</sup> (psi)	0.2 μm	46
	0.45μm	29
Typical Flow rate <sup>2</sup> (mL/min/cm <sup>2</sup> )	0.2 μm	10
	0.45μm	27
Housing material	Pigment-free Polypropylene	
Connector (inlet/outlet)	Female Luer Lock/Male Luer Slip	
Burst Pressure <sup>3</sup> (psi)	100	100
Retain Volume <sup>4</sup> (μL)	30	120
Sample Volume (mL)	6	70
Packaging	13mm	PP Thread Bottle
	25mm	Corrugated Box

<sup>1</sup> Bubble point is the minimum pressure required to force air through a membrane which has been prewet with water.

<sup>2</sup> Flow rate is initial flow rate at 10 psi using water.

<sup>3</sup> Burst pressure is the maximum pressure to force air through a closed outlet end housing.

<sup>4</sup> Retention volume is a volume of solvent retained inside the housing.

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Size	Pore Size	QTY.	Part No.
13mm	0.2 μm	100	0221-0101
		500	0221-0105
		1000	0221-0110
		5000	0221-0150
	0.45 μm	100	0221-0301
		500	0221-0305
		1000	0221-0310
		5000	0221-0350
25mm	0.2 μm	100	0223-0101
		500	0223-0105
		1000	0223-0110
		5000	0223-0150
	0.45 μm	100	0223-0301
		500	0223-0305
		1000	0223-0310
		5000	0223-0350