

VertiPure™ CA Syringe Filters

VertiPure™ CA Syringe Filters

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

VertiPure™ CA (Cellulose Acetate) is hydrophilic, limited solvent resistance, very low protein binding. The pre-filter increases yield. VertiPure™ CA ideals for aqueous based samples and tissue culture and sensitive biological samples.

VertiPure™ CA 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™ CA Syringe Filters with 1.0µm GMF Prefilter | | | |
| 13mm | 0.2µm | 100 | 0201-1201 |
| | | 500 | 0201-1205 |
| | | 1000 | 0201-1210 |
| | 0.45µm | 100 | 0201-1401 |
| | | 500 | 0201-1405 |
| | | 1000 | 0201-1410 |
| 17mm | 0.2µm | 100 | 0202-1201 |
| | | 500 | 0202-1205 |
| | | 1000 | 0202-1210 |
| | 0.45µm | 100 | 0202-1401 |
| | | 500 | 0202-1405 |
| | | 1000 | 0202-1410 |
| 25mm | 0.2µm | 100 | 0203-1201 |
| | | 500 | 0203-1205 |
| | | 1000 | 0203-1210 |
| | 0.45µm | 100 | 0203-1401 |
| | | 500 | 0203-1405 |
| | | 1000 | 0203-1410 |

| Specifications | | | | | |
|---|-------------|---------------------------------|-----|----|-----|
| Properties | | Diameter(mm) | | | |
| | | 4 | 13 | 17 | 25 |
| Bubble point ¹ (psi) | 0.2µm | 50 | | | |
| | 0.45µm | 30 | | | |
| Typical Flow rate ² (mL/min/cm ²) | 0.2µm | 16 | | | |
| | 0.45µm | 54 | | | |
| Membrane Material | | Cellulose Acetate | | | |
| 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™ CA Syringe Filters | | | |
| 4mm | 0.2µm | 100 | 0200-1101 |
| | | 500 | 0200-1105 |
| | | 1000 | 0200-1110 |
| | 0.45µm | 100 | 0200-1301 |
| | | 500 | 0200-1305 |
| | | 1000 | 0200-1310 |
| 13mm | 0.2µm | 100 | 0201-1101 |
| | | 500 | 0201-1105 |
| | | 1000 | 0201-1110 |
| | 0.45µm | 100 | 0201-1301 |
| | | 500 | 0201-1305 |
| | | 1000 | 0201-1310 |
| 17mm | 0.2µm | 100 | 0202-1101 |
| | | 500 | 0202-1105 |
| | | 1000 | 0202-1110 |
| | 0.45µm | 100 | 0202-1301 |
| | | 500 | 0202-1305 |
| | | 1000 | 0202-1310 |
| 25mm | 0.2µm | 100 | 0203-1101 |
| | | 500 | 0203-1105 |
| | | 1000 | 0203-1110 |
| | 0.45µm | 100 | 0203-1301 |
| | | 500 | 0203-1305 |
| | | 1000 | 0203-1310 |