

## Cameo 17 mm Cellulose Acetate Syringe Filters

**Description** • Hydrophilic cellulose acetate membrane. Low protein binding ( $3.8 \mu\text{g}/\text{cm}^2$ ), ideal for protein, cell culture media and enzymes filtrations, tissue culture media sterilization, biological fluid filtration and other filtration applications where maximum recovery of proteins is critical

- The 0.22  $\mu\text{m}$  membrane is the filter of choice for sterile filtration of aqueous solutions such as nutrient media, buffers and sera
- The 0.45  $\mu\text{m}$  membrane is a very convenient filter type for the reduction of particles and microorganisms in aqueous solutions such as nutrient media, buffers and sera
- Enhanced recovery of fastidious gram positive organisms

- 17 mm CAMEO Syringe Filters provide increased throughput and speed of sample preparation
- Lower hold up volume due to an improved flow channel design and reduced spacing between the supports within the housing for better handling of small sample volumes or costly samples
- Increases operating pressure up to 130 psi due to the overmold that prevents sample leaking at the seam and keeps the filter unit from bursting in half
- Syringe filters are integrity-tested to ensure a proper filter fit and weld to eliminate any potential filter by-pass
- Each filter is labeled with the specific filter material and pore size for easy identification even if the syringe filter is not in its original packaging



### Specifications:

- Housing: Heat-sealed pure polypropylene without the use of glues or sealants
- Media: Cellulose Acetate
- Autoclavable: Yes
- Filtration area:  $1.4 \text{ cm}^2$
- Housing diameter: 22 mm
- Membrane diameter: 17 mm
- Holdup volume: • Sample volume: • Maximum operating temperature  $82^\circ\text{C}$  ( $180^\circ\text{F}$ )
- Maximum operating pressure: 130 psi
- Inlet/outlet: Female luer lock / Male luer slip

### Applications:

- HPLC sample preparation
- Dissolution testing
- Content uniformity
- Environmental samples
- Composite assays
- Food analysis
- Biofuel analysis

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No options of this product are available.