

# MS® SteriBio Syringe Filters

## Introduction:

**CA** (Cellulose Acetate) combine high flow rates and thermal stability with very low absorption characteristics. Especially 0.22um pore size CA Sterile Syringe Filter excellently suited for sterilization aqueous solutions, buffers, sera and media. Low protein binding to minimize sample loss

**PES** (polyethersulphone)resistant to a wide range of solvents and offers low binding to proteins and nucleic acid. PES is also recommended for ion chromatography. Hydrophilic, low protein binding, low extractables with high throughput (flow) make this unit useful for aqueous, biological or protein based filtration.

## Application:

### CA Sterile Syringe Filter:

- Sterilize biological fluids, serum or media additives,
- Sample preparations of aqueous solutions,
- Sample preparation of protein-based HPLC solutions,
- High throughput, low binding filter units for non-sterile aqueous filtrations,
- Filtrations of tissue culture media,
- High throughput for sterile or non-sterile clarification of even the most viscous proteinaceous Solutions,
- Filter probe and hybridization solutions to reduce backgrounds,

**Note:**

- CA Membrane is not compatible with organic solvents.
- CA Membrane chemical campatibility range is pH4-8.

### PES Sterile Syringe Filter:

- Sterilize biological fluids, serum or tissue culture media additives
- Sample preparation of aqueous solutions
- High throughput, low binding filter
- Units for sterile aqueous filtrations
- Filter probe and hybridization solutions to reduce backgrounds
- Sample preparation of protein-based HPLC solutions
- High throughputs when sterilizing or clarifying even the most viscous proteinaceous solutions,
- probe solutions;
- protein and enzyme filtrations;
- hybridization buffers and other aqueous solutions.