



## Description

Sterilization by filtration is the fastest method for removal of microorganisms from liquids, while minimizing the effects on ingredients. Syringe filters are broadly used in life science laboratories for sterilization of small volume samples, such as buffers, culture media and reagents. Typically, 0.1µm membranes are used for removal of mycoplasma, 0.22µm membranes are used for removal of bacteria and 0.45µm membranes are used for particle removal.

Our sterile syringe filters are ideal for numerous applications in life science, pharmaceutical, environmental, biotechnology, food & beverage, and agricultural testing laboratories.

# MS® Sterile Syringe filters

## Products

MS® sterile syringe filters are made from PES membrane filters with polypropylene (PP) housing. PES filters feature high flow rates and low protein adsorption and are compatible with a wide range of applications, including filtration of protein solutions, culture media or additive solutions.

## Features

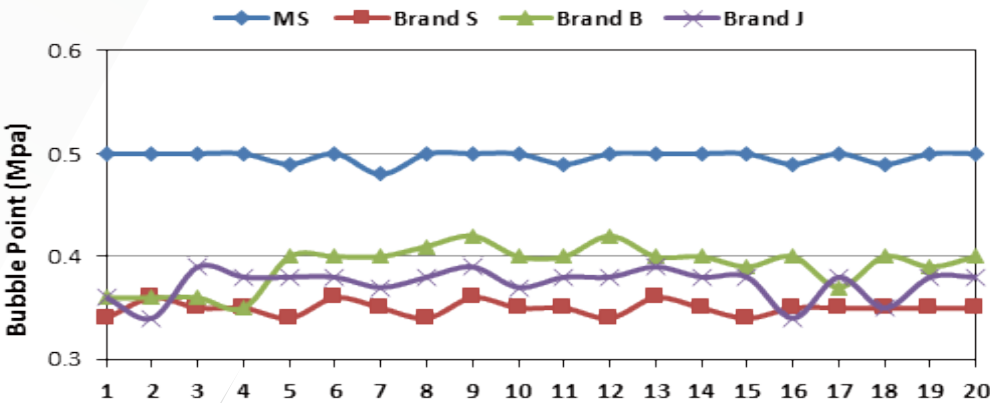
- Reliable sterile filtration, LRV>7 for Brevundimonas diminuta, ATCC19146
- Pyrogen-free
- Large effective filtration area (EFA) of 4.9 cm²
- Low protein adsorption
- Excellent flow rates
- Hold-up volume of less than 120 µl
- Individually packaged and sterilized by gamma radiation

## Applications

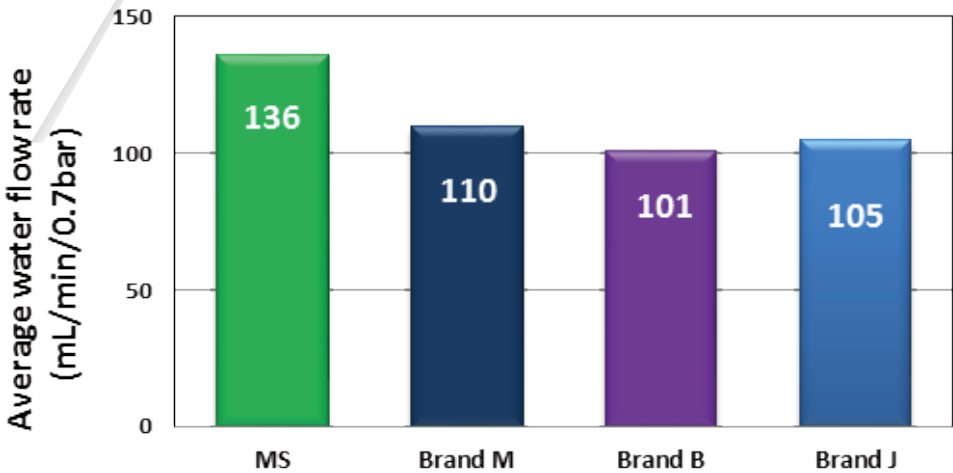
- Ideal for fast filtration of serum-based tissue culture media, biological fluids, fixation buffers and other “hard to filter” solutions
- Fast sterilization of buffers, culture media or other solutions (PES 0.22)
- Clarification and prefiltration of aqueous solutions (PES 0.45)

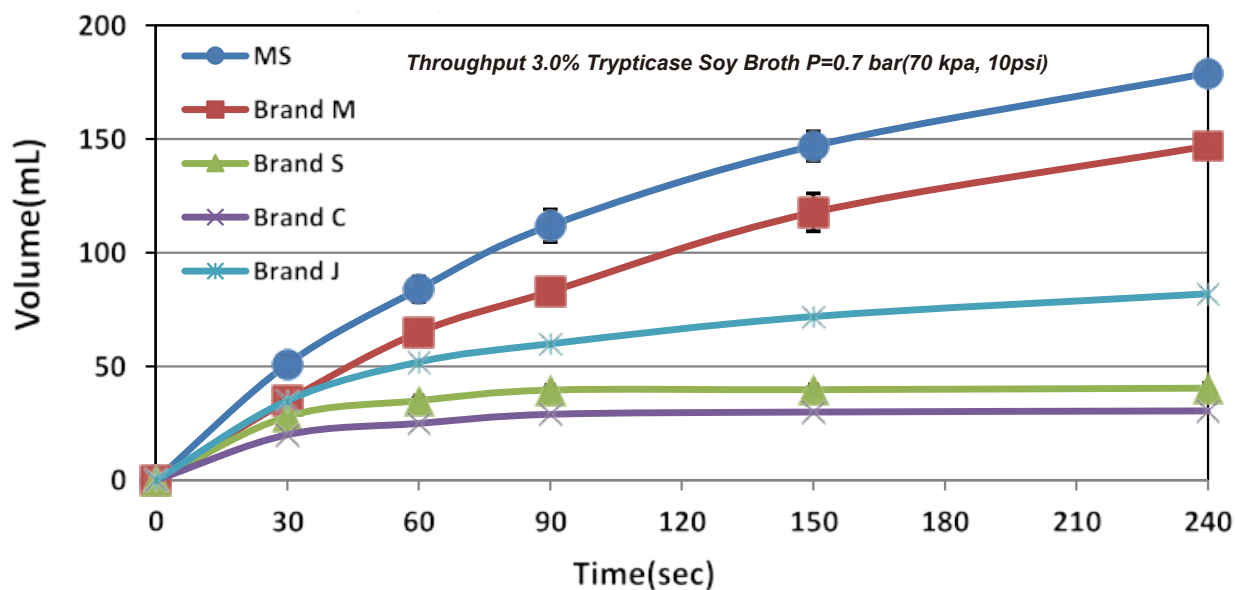
## Performance

High Bubble Points



High Water Flow Rates





## Specifications

Catalogue No.	Material	Pore size (um)	Filtration Area(cm <sup>2</sup> )	Sterile
SFPES030022S	PES	0.22	4.9	Yes
SFPES030045S	PES	0.45	4.9	Yes

Connections: Female luer lock inlet and male luer slip outlet

Max. Operating Pressure: 87 psi

Max. Operating Temperature: 90 °C

## Ordering Information

Catalogue No.	Pore size (um)	Diameter (mm)	Qty/Pk	Price(CHF)
SFPES030022S	0.22	30	100	63.00
SFPES030045S	0.45	30	100	63.00