



- ▶ High flow
- ▶ High throughput
- ▶ Low protein binding
- ▶ Fits onto most containers

# Stericap™ PLUS Universal Bottle-Top Filter Device

**For ultrafast sterilization of 5 to 10 L  
using vacuum filtration**

## Convenient, Aseptic Sterilization

Fluid is drawn directly from the feed container, so there is no need to keep pouring into a funnel. In addition, the fluid is filtered directly into the desired container, which eliminates transfer steps and minimizes the risk of contamination.

This non-cytotoxic, non-pyrogenic device is ideal for sterilization of tissue culture media, serum, buffers, or other biological solutions.

## Fast Flowing, Low Binding Membrane

The device features Millipore Express® PLUS polyethersulfone (PES) membrane — a fast flowing, high throughput membrane that is low protein binding.

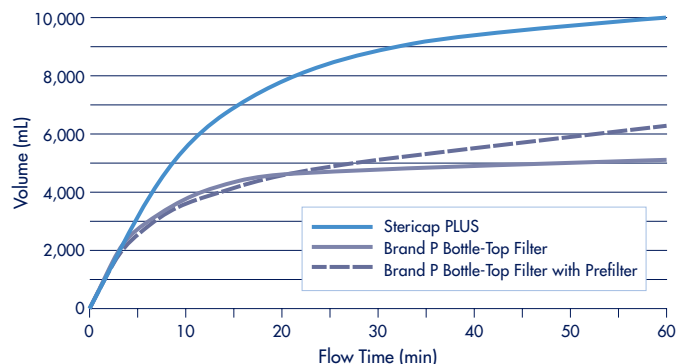
## No Need for a Prefilter

The Millipore Express PLUS membrane provides fast filtration of even viscous solutions, such as serum-containing media, without the need for a prefilter (see test results below).

## Fits Onto a Wide Range of Containers

The device can be used to fill any vacuum-rated bottle or other container with an inner neck diameter of 20 to 67 mm. The compact design saves space in crowded labs.

## High Flow and High Throughput



*In an in-house study, reconstituted Dulbecco's Modified Eagles Medium (DMEM) with 10% fetal bovine serum was filtered through Stericap PLUS devices (n = 3) and competitive bottle-top devices (n = 2 each). The data show the average flow times.*

## Part of a Family of Vacuum-Driven Filter Devices

The Stericap PLUS filter device is part of a family of vacuum-driven filtration devices offered by Millipore.

Device	Filtration Capacity						
	50 mL	150 mL	1 L	2 L	5 L	10 L	20 L
Steriflip® Filter Devices							
Stericap™ Vacuum Cups							
Stericap Filter Devices							
Stericap PLUS Filter Devices							
Sterivac™ Filter Devices							

For information on these other sterile filtration products from Millipore, visit [www.millipore.com/sterile](http://www.millipore.com/sterile).

### To Place an Order or Receive Technical Assistance

For additional information call your nearest Millipore office:  
 In the U.S. and Canada, call toll-free **1-800-MILLIPORE (1-800-645-5476)**  
 In the U.S., Canada and Puerto Rico, fax orders to **1-800-MILLIFX (1-800-645-5439)**  
 Internet: [www.millipore.com](http://www.millipore.com)  
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### Specifications

<b>Filtration Capacity</b>	5 – 10 L (of typical cell culture media, e.g., DMEM with 10% serum)
<b>Filtration Area</b>	40 cm <sup>2</sup>
<b>Sterilization</b>	Gamma irradiated
<b>Storage Temperature</b>	–30 to 45 °C (–22 to 113 °F)
<b>Maximum Operating Vacuum</b>	25" Hg

### Materials

<i>Membrane:</i>	Millipore Express PLUS, polyethersulfone (PES), 0.22 µm
<i>Dome:</i>	Clear styrene
<i>Collar:</i>	Impact-resistant styrene
<i>Outlet frit:</i>	Polypropylene
<i>Gasket:</i>	Closed cell polyethylene foam
<i>Tube set:</i>	Silicone, 1 m (3.2 ft)
<i>Tube weight:</i>	PVDF
<i>Vacuum port matrix:</i>	Cellulose acetate
<i>Vacuum adapter:</i>	High density polyethylene
<i>Vent cap:</i>	PVDF

### Ordering Information

Description	Qty/Pk	Catalogue No.
Stericap PLUS Filter Devices with 0.22 µm Millipore Express PLUS membrane; includes one tube set	10	SCGP CAP RE
1 L Sterile Receiver Bottle	12	SC00 B10 RE
Vacuum/Pressure Pump	115 V, 60 Hz 220 V, 50 Hz 100 V, 50/60 Hz	WP62 115 60 WP62 220 50 WP62 100 60
50 cc Syringe	5	XX11 050 05
Millex®-FG <sub>50</sub> Filter Units for vacuum line protection	10	SLFG 050 10