



CLEARLine® FILTRATION PRODUCTS

SYRINGE FILTERS

Our range of syringe filters is available in many different pore sizes and with hydrophilic or hydrophobic membrane materials. ISO9001 certified manufacturing is carried out to the highest standards, in certified clean room conditions, using the latest manufacturing technology to ensure a high quality, consistent product.

Features

Application compatibility: Wide range of filtration supports meets different application needs

Minimum sample hold-up: Syringe filter's housings are specifically designed to maximize sample recovery

Convenience: Each unit is clearly marked with an identifying code to denote pore size, membrane material

Sterility: Filters can be purchased pre-sterilized by Gamma radiation

Different colours: Identifying the type of membrane

Available versions:

- Diam. 33 mm
- Porosity: 0.22 or 0.45 µm
- Membrane material: AC, PES, PVDF, PTFE.
- Type of membrane: Hydrophobic or Hydrophilic
- Designed with a Female Luer-Lock inlet and Male Luer-Slip outlets
- Sterile or unsterile



Code	Type	Material	Version	Pores (µm)	Diameter (mm)	Units/Bags	Sales units
CL001	Syringe filter	AC		0.22	33	Box	100
CL001/S	Syringe filter	AC	Sterile	0.22	33	Individual package	50
CL002	Syringe filter	AC		0.45	33	Box	100
CL002/S	Syringe filter	AC	Sterile	0.45	33	Individual package	50
CL003	Syringe filter	PES		0.22	33	Box	100
CL003/S	Syringe filter	PES	Sterile	0.22	33	Individual package	50
CL004	Syringe filter	PES		0.45	33	Box	100
CL004/S	Syringe filter	PES	Sterile	0.45	33	Individual package	50
CL006	Syringe filter	PVDF	Hydrophilic	0.45	33	Box	100
CL007	Syringe filter	PTFE	Hydrophobic	0.22	33	Box	100
CL008	Syringe filter	PTFE	Hydrophobic	0.45	33	Box	100
CL009/S	Syringe filter	PVDF	Hydrophobic - Sterile	0.22	33	Individual package	50





MEMBRANE FOR FILTRATION

Microfiltration is a physical filtration method in which a fluid is passed through a membrane with a certain porosity, with the aim of separating microorganisms and suspended particles from the liquid, solvent or gas subjected to the process. The membrane must be positioned in a filtration system consisting of a funnel where the sample is poured, a porous support that holds the membrane and a collection system that receives the filtrate. The apparatus can be simple glass or single or multiple position steel ramps.

We provide a wide range of membrane filters from various materials such as NC, MCE and PES.

The colour of the membranes is useful for highlighting the particles or microorganisms that have been retained, the membranes can be white or black, simple or gridded.

Available versions:

- Diam 47mm
- Material: CN; MCE; PES
- Porosity: 0.22 - 0.45 - 0.8 µm
- Colours: white, gridded black and gridded white
- Sterile, single pack or in automatic dispenser tape



Ribbon



Individual package

Code	Membrane colour	Grid colour	Material	Pores (µm)	Diameter (mm)	Version	Units/Bags	Sales units
CL040	White	Black	NC	0.22	47	Sterile	Individual package	100
CL041	White	Black	NC	0.45	47	Sterile	Individual package	100
CL042	White	Black	NC	0.8	47	Sterile	Individual package	100
CL043	White	Black	NC	0.45	47	Sterile	Tape	150
CL044	White	Black	MCE	0.22	47	Sterile	Individual package	100
CL045	White	Black	MCE	0.45	47	Sterile	Individual package	100
CL046	White	Black	MCE	0.8	47	Sterile	Individual package	100
CL047	Black	White	MCE	0.45	47	Sterile	Individual package	100
CL048	White	Black	MCE	0.45	47	Sterile	Tape	150
CL049	Black	White	PES	0.22	47	Sterile	Individual package	100
CL050	White	Black	PES	0.22	47	Sterile	Tape	150
CL051	Black	White	PES	0.45	47	Sterile	Individual package	100
CL052	White	-	PES	0.22	47	Sterile	Individual package	100

DISPOSABLE MICROBIOLOGICAL FILTER MONITOR SYSTEM

Sterile disposable plastic system for laboratory filtration in the microbiological field.

The filter membrane is incorporated and removable after filtration to proceed with incubation on culture medium.

The 100ml funnels, compatible with Sartorius and Millipore ramps, consisting of a base, cylindrical body and cap that can be transformed directly into a petri dish.

The 300ml funnels are compatible with Millipore ramps, available with or without membranes and base.

Available versions:

- Volume: 100ml or 300ml
- Porosity: 0.22 - 0.45 - 0.8 µm
- Membrane material: MCE or PES
- White membrane with black grid
- Sterile



100ml



300ml

Code	Type	Membrane colour	Grid colour	Material	Pores (µm)	Diameter (mm)	Version	Units/Bags	Sales units
CL070	100ml	White	Black	MCE	0.22	47	Sterile	Individual package	50
CL071	100ml	White	Black	MCE	0.45	47	Sterile	Individual package	50
CL074	100ml	White	Black	PES	0.45	47	Sterile	Individual package	50
CL075	100ml	White	Black	PES	0.22	47	Sterile	Individual package	50
CL072	300ml	White	Black	MCE	0.45	47	Sterile	Individual package	12
CL073	300ml	White	Black	MCE	0.8	47	Sterile	Individual package	12
CL076	300ml	White	Black	PES	0.22	47	Sterile	Individual package	12
CL077	300ml	White	Black	PES	0.45	47	Sterile	Individual package	12
CL090	Funnel 300ml - Funnel Only							In Bulk	48



Biosigma
Dutscher group

Biosigma S.p.A Dominique Dutscher Group
Via Valletta, 6 | 30010, Cona (Venice) Italy
Phone ++39 0426 302226 | Fax ++39 0426 302228
export@biosigmaeu.com | www.biosigma.com

REV. 2024-12