



Microbial Analysis Testing

PRODUCT RANGE





Catalog

Microbial Gridded Membrane Filters

Individual pack
Continuous pack

03 - 06

Automatic Membrane Dispenser

07

Microbial Gridded Membrane Filters

Description

Biologix supply a series of Microbial Gridded Membrane Filters which are using in obstructing microorganism by different pore size, for enriching or analysis.

The filters are available in Individual packs and Continuous packs.

The filters are made of Mixed Cellulose Ester (MCE) Gridded Membrane Filter, which are composed of Cellulose Acetate and Cellulose Nitrate. Because MCE membrane is biologically inert, it's one of the most widely used membranes in analytical and research applications. MCE Membrane Filter is characterized by a smoother and more uniform surface than pure nitrocellulose filter.



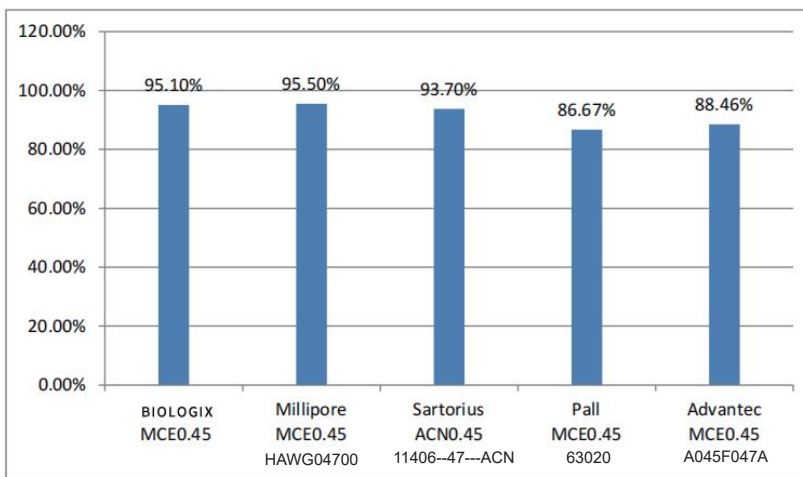
Features

- E. coli recovery rate > 90%
- *Saccharomyces* recovery rate >90%
- Excellent Flow rate for different liquids
- Microbiological "friendly" ink promotes growth on grids to maximize recovery
- Pre-Steriled by Gamma Ray, Shelf life is 3 years
- Detailed Quality Certificate offered lot by lot

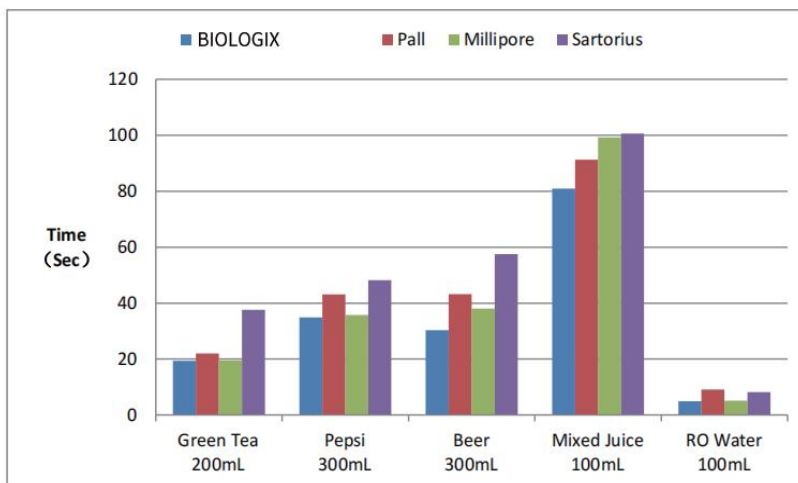
Applications

- Microorganism testing when using the "Membrane Filtration Technique" for solid, liquid or air samples
- Particularly for liquid samples in food hygiene or water testing in colony counting, F.coliforms or E.coli, sterility testing, *pseudomonas aeruginosa*, *staphylococcus aureus*, etc.
- General Microscopy
- Particulate counting and analysis

E.coli Recovery Rate Comparison



Flow Rate Comparison in different liquids



Industries

- Bottled Water
- Food & Beverage (Beer, Wine, carbonated drinks, etc.)
- Dairy
- Environmental
- Cosmetics
- Pharmaceutical

Ordering Information

Individual Pack

ITEM	DESCRIPTION	PCS PER BOX
Individual Packed Microbial Gridded Membrane Filters		
18-MCE4722WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.22µm, 47mm	100
18-MCE4745WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.45µm, 47mm	100
18-MCE4722BI	MCE Gridded Membrane Filter, Individual Pack, black, white grid, sterile, 0.22µm, 47mm	100
18-MCE4745BI	MCE Gridded Membrane Filter, Individual Pack, black, white grid, sterile, 0.45µm, 47mm	100
18-MCE4780WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.80µm, 47mm	100
18-MCE4710WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 1.0µm, 47mm	100
18-CN4722WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.22µm, 47mm	100
18-CN4745WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.45µm, 47mm	100
18-CN4780WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.80µm, 47mm	100
18-CN4710WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 1.0 µm, 47mm	100
18-PES4722WNI	PES Gridded Membrane Filter, Individual Pack, white, no grid, sterile, 0.22 µm, 47mm	100
18-PES4745WNI	PES Gridded Membrane Filter, Individual Pack, white, no grid, sterile, 0.45 µm, 47mm	100
18-PES4745BI	PES Gridded Membrane Filter, Individual Pack, black, white grid, sterile, 0.45µm, 47mm	100
18-MCE5022WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.22µm, 50mm	100
18-MCE5045WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.45µm, 50mm	100
18-MCE5080WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.80µm, 50mm	100
18-MCE5010WI	MCE Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 1.0µm, 50mm	100
18-CN5022WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.22µm, 50mm	100
18-CN5045WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.45µm, 50mm	100
18-CN5080WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 0.80µm, 50mm	100
18-CN5010WI	CN Gridded Membrane Filter, Individual Pack, white, black grid, sterile, 1.0 µm, 50mm	100

Continuous Pack

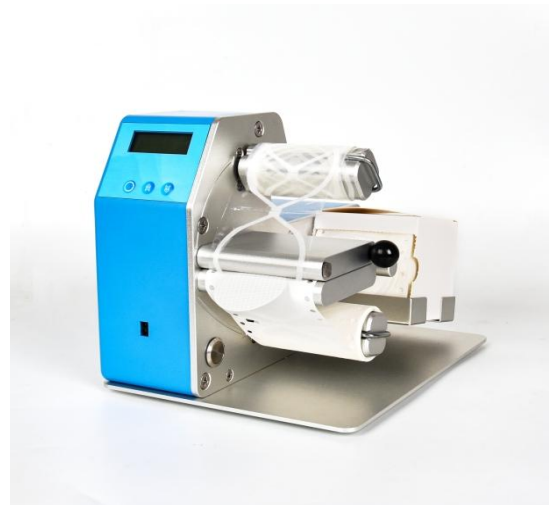
Compatible with Automatic Membrane Dispenser

ITEM	DESCRIPTION	PCS PER BOX
Continuous Packed Microbial Gridded Membrane Filters		
18-MCE4722WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.22µm, 47mm	150
18-MCE4745WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.45µm, 47mm	150
18-MCE4745BC	MCE Gridded Membrane Filter, Continuous Pack, black, white grid, sterile, 0.45µm, 47mm	150
18-MCE4780WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.80µm, 47mm	150
18-MCE4710WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 1.0µm, 47mm	150
18-CN4722WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.22µm, 47mm	150
18-CN4745WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.45µm, 47mm	150
18-CN4780WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.80µm, 47mm	150
18-CN4710WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 1.0µm, 47mm	150
18-MCE5022WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.22µm, 50mm	150
18-MCE5045WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.45µm, 50mm	150
18-MCE5080WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.80µm, 50mm	150
18-MCE5010WC	MCE Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 1.0µm, 50mm	150
18-CN5022WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.22µm, 50mm	150
18-CN5045WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.45µm, 50mm	150
18-CN5080WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 0.80µm, 50mm	150
18-CN5010WC	CN Gridded Membrane Filter, Continuous Pack, white, black grid, sterile, 1.0µm, 50mm	150

Automatic Membrane Dispenser

Description

The "Membrane Filtration Technique" is meet regulatory guidelines and commonly using in quantitative micro-organism detection in various liquids, for example, the Beverage, Beer, Wine, Dairy, Pharmaceuticals, cosmetics and environmental monitoring.



The Automatic Membrane Dispenser is designed with compact size, easy for loading and hands-free high speed extracting membrane filters, facilitate the process more reliable, fast and convenient!

Use with High qualified MS MCE Gridded Membrane Filters, make sure accurate and reproductive results!

Features

- Hands-free (no touch) sterile membrane dispensing
- Easy loading of sterile membrane roles
- Indicates number of used and remaining membranes
- High-speed dispensing , < 1 second
- Compact size and portable
- Operates with 110/220V or 18650 Battery



Ordering information & Cross Reference

ITEM	DESCRIPTION	PCS PER CASE
Automatic Biologix Dispenser		
18-AMD0011	Automatic Membrane Dispenser, work with continuous pack membrane, 110~220V, 50Hz/60Hz	1
18-AMD0014	Automatic Membrane Dispenser, work with continuous pack membrane, 110~220V , 50Hz/60Hz. EURO Plug	1
18-AMD0015	Automatic Membrane Dispenser, work with continuous pack membrane, 110~220V , 50Hz/60Hz. UK Plug	1

- E. coli recovery rates > 90%
- *Saccharomyces* recovery rate >90%
- Excellent Flow rate in different liquids
- Microbiological "friendly" ink promotes growth on grids to maximize recovery
- Pre-Steriled by Gamma Ray, Shelf life 3 years
- Detailed Quality Certificate to send with every lot