



Gridded MCE Membrane Filter, Non-Sterile

Specifications

Materials	Membrane	MCE
	Wettability	Hydrophilic
	Color	White with grid
Physical Properties	Filter Diameter	47 mm/50 mm
	Grid size	3*3 mm
	Thickness	130±50µm
	Pore Size	0.22 µm/0.45 µm
	Maximum Operating Temp.	130°C
	pH Range	4.0 – 8.0
Package	Delivery Condition	Non-sterile
	Pack Size	50 pcs/pk

Performance

Pore Size	Bubble Point (Water 20°C)	Water Flow Rate (s/50ml/12.68cm ²)		Bacterial Retention
		@-30KPa (water 20°C)	Microbial Recovery Rate	
0.22 µm	≥300KPa	≤45s	≥80%	LRV>7
0.45 µm	≥180KPa	≤42s	≥80%	LRV>7

Features

- Gridded for better identification
- Excellent microbial retention efficiency
- High microbial growth recovery rate

Applications

- Ideal for colony counting, particle testing, microscopy and sterility testing.
- Widely used in microbiological quality control of beverages, environmental water, wastewater, cosmetics, and pharmaceuticals, etc.