

EZ-Fit™ Filtration Units

Ready-to-use sterilized filtration devices
for microbial enumeration



Ready-to-use sterilized filtration devices for microbial enumeration

The EZ-Fit™ Filtration Unit is a disposable filtration device for Bioburden testing of liquid samples including water, in-process samples, and final products. It is designed [for optimizing and securing the laboratory workflow to save time and provide reliable microbiological results.](#)

After the filtration of the sample, the membrane can be transferred to an agar plate to culture the captured organisms. Alternatively, liquid media can be added after the filtration, and the device converts into a Petri dish.

EZ-Fit™ Filtration Units comprise a range of products to fit to various applications:

- 100 mL funnels or 250 mL funnels
- Black or white gridded membranes
- Units are either individually bagged or packaged in bulk.



Designed for optimal microbial recovery

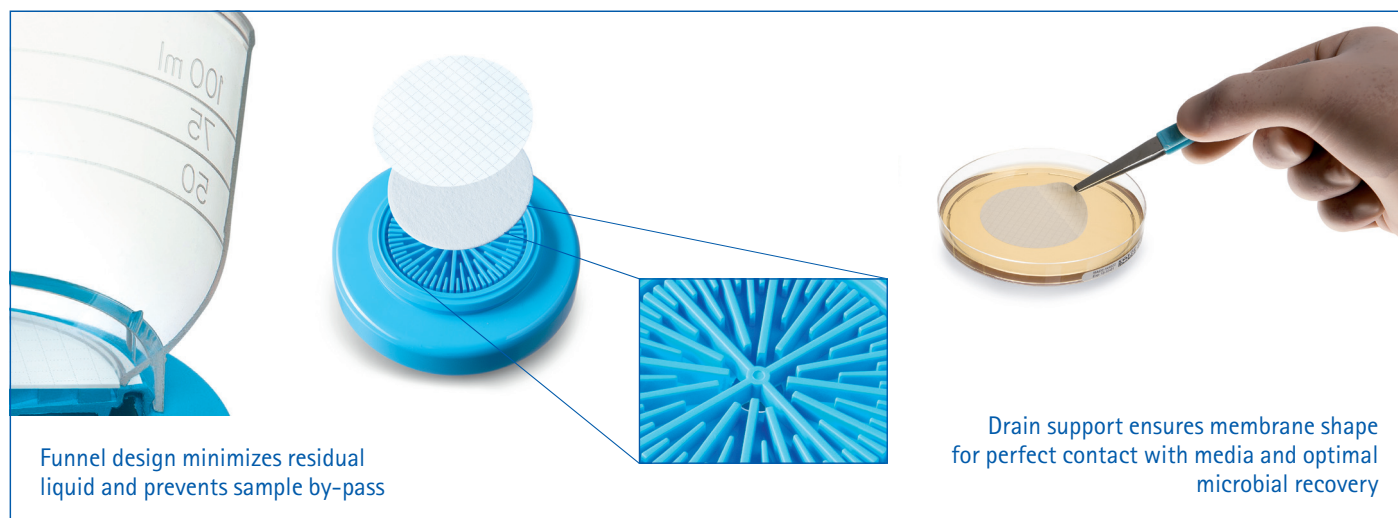
The EZ-Fit™ Filtration Unit has been designed to ensure optimal microbial recovery.

The [drain support](#) and the funnel-to-base assembly have been optimized so that the membrane is perfectly flat after the sample filtration. When transferred to the culture media, the whole filtration surface of the membrane is in perfect contact with the culture media. No folds or membrane waves ensures optimal microbial recovery.

The shape of the funnel and the plastic material [minimize sample residue](#) ensuring that the complete sample volume reaches the membrane surface.

The innovative funnel assembly design [prevents any leaks or sample by-pass](#) of the membrane, meaning that the whole sample volume is filtered.

The EZ-Fit™ Filtration Units conform to international standards (EP/ USP) and comply with water testing regulations.

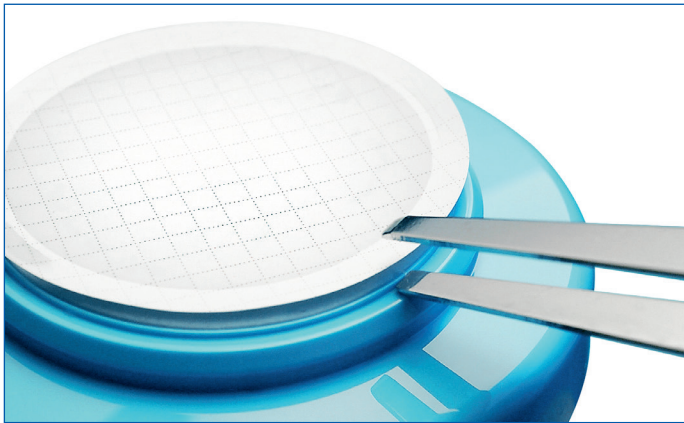


Funnel design minimizes residual liquid and prevents sample by-pass

Drain support ensures membrane shape for perfect contact with media and optimal microbial recovery

Reduced risk of contamination

It is important to choose a filtration device that protects your sample from contamination during processing. The design of the EZ-Fit Filtration Unit helps you avoid contamination by reducing the risk of accidentally touching the membrane filtration area with forceps during membrane transfer and by allowing you to filter with the lid in place.



A rim stops the forceps from coming into contact with the membrane filtration area



Vented lid on the device during filtration

Efficient laboratory workflow

EMD Millipore has worked with membrane filtration users worldwide and across industries to develop the EZ-Fit™ Filtration Unit. Taking into consideration user requirements and ergonomic improvements, EMD Millipore has developed a filtration unit which brings a new standard for "Easy to Use".

Clear, transparent funnel material for visualizing the end of the filtration from any angle.

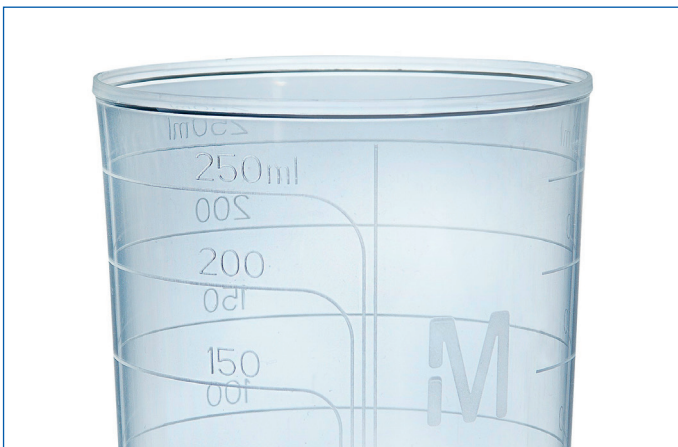
All around level indicators mean there is no need to turn the funnel when placing it on the filtration support.

Membrane base shape facilitates membrane transfer with forceps.

Funnel assembly allows one-handed funnel removal.

250 mL funnels are ideal for larger volume samples.

Units are stackable to conserve space in the working area.



Convenient see-through funnel and all-around volume indications



Units can be stacked to conserve space in the working area

EZ-Fit™ Manifold designed for EZ-Fit™ Filtration Units

The EZ-Fit™ Manifold allows access to easily clean all internal areas in order to ensure the filtration process is contamination-free. Each component can be removed by hand and autoclaved. Quick-fit connections for the vacuum tubing and low manifold height improve the ease of use.

A specific filtration head fits the EZ-Fit™ Filtration Unit, enabling the removal of the funnel with one hand.



The EZ-Fit™ Filtration Unit fits perfectly to the manifold



One handed funnel removal

EZ-Fit™ Filtration Unit can also be used with liquid media in ampoules

After the sample filtration step, the membrane can be transferred to agar media for cultivation. Alternatively, liquid media can be added from the top.

The funnel is then removed and the unit converts to a Petri dish ready for incubating.



Liquid media








Petri dish

Technical specifications

Material of construction	Cover	Polystyrene
	Funnel	Styrene butadiene copolymer (SBC)
	Membrane	Mixed cellulose esters
	Support pad	Cellulose
	Base	Acrylonitrile butadiene styrene
	Plug	Low-density polyethylene
Dimensions	Height	100 mL: 66.5 mm (2.6 in.) 250 mL: 108.5 mm (4.3 in.)
	Largest diameter	75.8 mm (3.0 in.)
	Filtration surface	12.56 cm ²
Sterilization method	Ethylene oxide (EO)	

Ordering Information Filtration Units, Hardware and Accessories

Description	Qty /Pk	Catalog No.	
EZ-Fit™ Filtration Units			
White membrane, 0.45 µm pore size, 100 mL funnel, bulk packaging	48	EFHAW100B	
Black membrane, 0.45 µm pore size, 100 mL funnel, bulk packaging	48	EFHAB100B	
White membrane, 0.45 µm pore size, 100 mL funnel, individual packaging	48	EFHAW100I	
Black membrane, 0.45 µm pore size, 100 mL funnel, individual packaging	48	EFHAB100I	
White membrane, 0.45 µm pore size, 250 mL funnel, bulk packaging	48	EFHAW250B	
Black membrane, 0.45 µm pore size, 250 mL funnel, bulk packaging	48	EFHAB250B	
White membrane, 0.45 µm pore size, 250 mL funnel, individual packaging	48	EFHAW250I	
Black membrane, 0.45 µm pore size, 250 mL funnel, individual packaging	48	EFHAB250I	
EZ-Fit™ Manifolds, Accessories, Filtration pump			
EZ-Fit™ Manifold, 1-place for EZ-Fit™ Filtration Units	1	EZFITEFUN1	
EZ-Fit™ Manifold, 3-place for EZ-Fit™ Filtration Units	1	EZFITEFUN3	
EZ-Fit™ Manifold, 6-place for EZ-Fit™ Filtration Units	1	EZFITEFUN6	
EZ-Fit™ filtration head for EZ-Fit™ Filtration Units	1	EZFITMVH1	
EZ-Fit™ filtration head for EZ-Fit™ Filtration Units	3	EZFITMVH3	
EZ-Fit™ adapter for using EZ-Fit™ Filtration Units on Microfil® Manifolds	3	EZFITMICAD	
EZ-Fit™ filtration head gasket	3	EZFITMVG3	
EZ-Stream™ Vacuum Pump for liquid transfer	1	EZSTREAM1	
Silicone tubing for EZ-Stream™ Vacuum Pump	1	STREAMTUB	
Ready to use 2 mL single test Liquid Media in plastic ampoules			
m-Green Yeast and Mold Broth	50	MHA000P2M	
m-FC Broth with Rosolic Acid	50	MHA000P2F	
m-Endo Total Coliform Broth	50	MHA000P2E	
Tryptone Glucose Extract Broth (TGE)	50	MHA000P2T	
m-ColiBlue24® Broth for Total coliforms and E coli detection	50	M00PMCB24	
m-HPC broth	50	MHA000P2S	
Triptic Soybean Broth (TSB)	50	MHA000T2B	
Tryptone Glucose Extract Broth with TTC	50	MHA00P2TT	
Preservative Resistant Yeast Broth	50	MHA00PRY2	

For technical service

please visit:

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