Millipore®
Preparation, Separation,
Filtration & Monitoring Products

Data Sheet

Built for Better Testing

EZ-Fit® filtration units: Convenience without compromise

Microbial testing won't be a burden when you use EZ-Fit® filtration units. The sterilized, disposable filtration devices for bioburden testing streamline your workflow, save time and give you highly reliable microbial enumeration results. It is simple to do: filter your liquid sample, then transfer the membrane onto an agar plate or add liquid media from an ampoule to culture the captured organisms.



The EZ-Fit® pink units come with a wide range of membranes from 0.22 to 0.8 µm for maximum versatility to suit all applications. The new, patented drain design speeds up processing turbid and hard-to-filter matrices.

The EZ-Fit® blue units give you extra flexibility: after filtration, either transfer the membrane to an agar plate or add liquid media and convert the device into a Petri dish.



Both EZ-Fit® filtration units types are available in different variants to suit any application:

- 100 mL or 250 mL funnels
- Black or white, gridded or plain membranes, made of mixed cellulose esters or PVDF (polyvinylidene fluoride)
- Bagged individually, in multipack of 3 units or packaged in bulk with protective bag

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Results you can count on

Ready-to-use filtration units for microbial enumeration



Designed for optimal microbial recovery

The EZ-Fit® filtration unit is designed for optimal recovery. The blue and pink drain support and the funnel-to-base assembly have been optimized so that the membrane remains perfectly flat after sample filtration. When transferred to the culture medium, the whole filtration surface of the membrane stays in perfect contact with the culture media. There's no folds, so optimal microbial recovery is ensured. The funnel's shape and the properties of its hydrophobic material minimize sample residue, ensuring that the complete sample volume reaches the membrane surface.

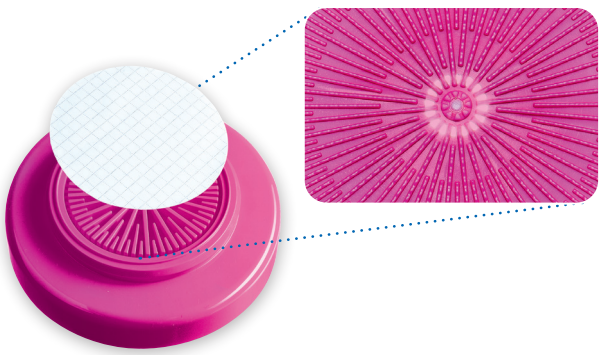
The innovative funnel assembly design **prevents leakages and liquid sample from by-passing** the membrane.

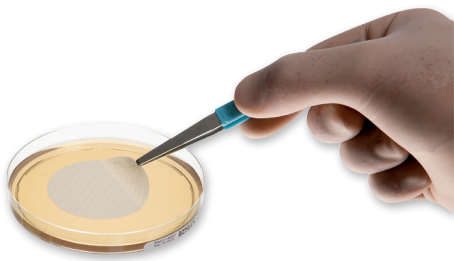
The EZ-Fit® filtration unit **conform to international standards** (EP/USP/ISO standards) and comply with water testing regulations.

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Funnel design minimizes residual liquid and prevents sample by-pass

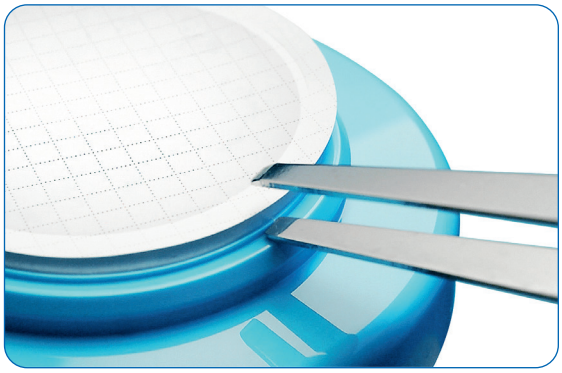




Drain support ensures membrane shape for perfect contact with media and optimal microbial recovery

Less risk of contamination

The filtration device you use should help to protect your sample from contamination during processing. The EZ-Fit® filtration unit's design reduces the risk of accidentally touching the membrane filtration area with the forceps during membrane transfer and allows 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

Units can be stacked to save space in the work area



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Your workflow constantly in mind

We collaborated with membrane filtration users around the world and across industries to develop the EZ-Fit Azure® feature, making the EZ-Fit® filtration unit even more ergonomic and convenient.

- The **transparent funnel** allows you to see when filtration is complete from any angle.
- Thanks to all-around filling level indicators there is no need to turn the funnel when placing it on the filtration sup port.
- The shape of the membrane base makes **transferring the membrane** with the forceps easy.
- The unit's design allows the funnel to be removed with one hand.
- For larger volume samples, 250 mL funnels are the ideal choice.
- The units are **stackable**, saving space in the work area.

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Convenient see-through funnel and all-around volume indications

EZ-Fit® manifold

The perfect fit

Quick-fit connections for the vacuum tubing and a low manifold level make sterile filtration more convenient than ever before. The special filtration head for fitting the EZ-Fit® filtration unit allows the funnel to be removed with only one hand. The EZ-Fit® manifold's interior is easy to access for cleaning, so you can be confident that every filtration process is contamination-free. Each component can be removed by hand and autoclaved.



One handed funnel removal

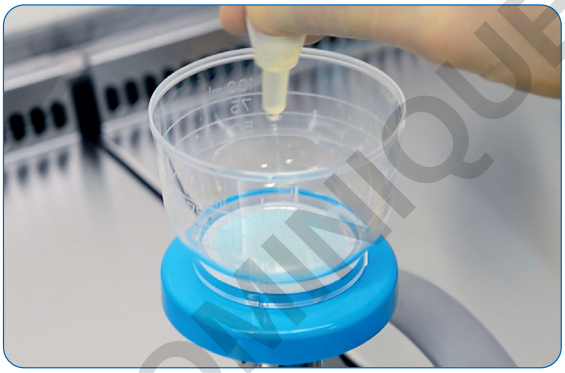


The EZ-Fit® filtration unit fits perfectly to the manifold

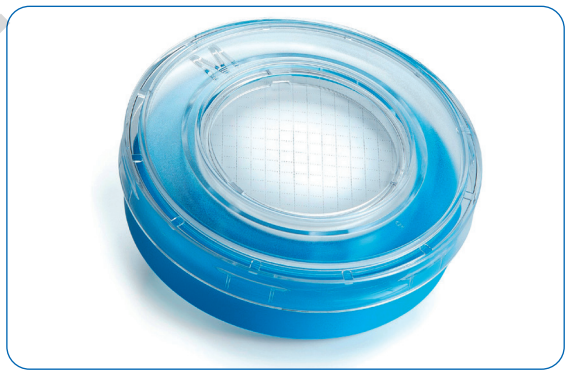
Smart transformation:

Usable with liquid media in ampoules

After the sample filtration step, the membrane is usually transferred to agar media for cultivation. Alternatively, if using blue base units, **liquid media** can be added from the top, so there is no need to transfer the membrane. Simply remove the funnel, whereby the unit converts into a **Petri dish**, ready for incubation.



Liquid media



Petri dish

Technical specifications

Material of construction	Cover	Polystyrene
	Funnel	Styrene butadiene copolymer (SBC)
	Membrane	Mixed cellulose esters, PVDF
	Support pad (blue units only)	Cellulose
	Base	Acrylonitrile butadiene styrene
	Plug (Bulk blue units only)	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	E-beam irradiation	

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Ordering Information

Single (48 units)

Membrane/color	Funnel Size	Cat. No.	Base Color
0.45 µm ○	100 mL	**EFHVW10IS**	Pink
0.45 µm ○	100 mL	**EFHAW100I**	Blue
0.45 µm ●	100 mL	**EFHAB100I**	
0.45 µm ○	250 mL	**EFHAW250I**	
0.45 µm ●	250 mL	**EFHAB250I**	

Bulk (48 units)

Membrane/color	Funnel Size	Cat. No.	Base Color
0.45µm ○	100 mL	**EFHAW10BS**	Pink
0.45 µm ●	100 mL	**EFHAB10BS**	
0.8 µm ○	100 mL	**EFAAW10BS**	
0.45 µm ○	250 mL	**EFHAW25BS**	
0.45 µm ●	250 mL	**EFHAB25BS**	
0.8 µm ●	250 mL	**EFAAB25BS**	
0.45 µm ○	100 mL	**EFHAW100B**	Blue
0.45 µm ○	250 mL	**EFHAW250B**	
0.45 µm ●	100 mL	**EFHAB100B**	

Multipack* (48 units "16x3 units")

Membrane/color	Funnel Size	Cat. No.	Base Color
0.22 µm ○	100 mL	**EFGSW10MS**	Pink
0.45 µm ○	100 mL	**EFHAW10MS**	
0.45 µm ●	100 mL	**EFHAB10MS**	

* Bulk surrounded by plastic bag

Pink base = Filtration unit without absorbent pad, suitable for solid cultivation

Blue base = Filtration unit with absorbent pad, suitable for solid and liquid cultivation

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Ordering Information

Hardware and Accessories

Description	Qty / pack	Cat. No.
EZ-Fit® manifold, accessories, filtration pump		
EZ-Fit® manifold, 1-place for EZ-Fit® filtration units	1	**EZFITSAM1**
EZ-Fit® manifold, 3-place for EZ-Fit® filtration units	1	**EZFITSAM3**
EZ-Fit® manifold, 6-place for EZ-Fit® filtration units	1	**EZFITSAM6**
EZ-Fit® filtration head for EZ-Fit® filtration units	1	**EZFITMHTA1**
EZ-Fit®filtration head for EZ-Fit® filtration units	3	**EZFITMHTA3**
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**



Culture Media

Please visit our website for the complete list of items

Description	Format	Qty/ pack	Cat. No.
Dehydrated media			
Tryptic Soy agar acc. EP, USP, JP, ISO and FDA-BAM	Granulated media	500 g	**1.05458.0500**
SABOURAUD 4% Dextrose Agar acc. harmonised EP/USP/JP	Granulated media	500 g	**1.05438.0500**
Potato Dextrose Agar	Granulated media	500 g	**1.10130.0500**
Plate Count Agar acc. ISO 4833, ISO 17410 and FDA-BAM	Granulated media	500 g	**1.05463.0500**
Chromocult® Coliform Agar acc. ISO 9308	Granulated media	500 g	**1.10426.0500**
YGC (Yeast extract Glucose Chloramphenicol) agar FIL-IDF	Granulated media	500 g	**1.16000.0500**
SLANETZ and BARTLEY Agar incl TTC acc. ISO 7899	Granulated media	500 g	**1.05262.0500**
Pseudomonas CFC/CN Agar acc. ISO 13270 and ISO 16266	Granulated media	500 g	**1.07620.0500**
Lactose TTC Agar with Tergitol® 7	Granulated media	500 g	**1.07680.0500**
TSC (Tryptose Sulfite Cycloserine) Agar (base) acc. ISO 7937 and ISO 14189	Granulated media	500 g	**1.11972.0500**
MacConkey agar acc. ISO 21150, ISO 21567, FDA-BAM and EP, USP, JP	Granulated media	500 g	**1.00205.0500**
Mannitol salt phenol-red agar for microbiology (According harm. EP/USP/JP)	Granulated media	500 g	**1.05404.0500**
R2A Agar	Powdered media	500 g	**1.00416.0500**
VRBD (Violet Red bile Dextrose)agar acc. EP, USP, JP and ISO 21528 GranuCult®	Granulated media	500 g	**1.10275.0500**
Ready-to-use agar plates			
Cetrimide Agar	90 mm plates	20	**1.46048.0020**
MacConkey Agar	90 mm plates	20	**1.46022.0020**
Mannitol Salt Agar	90 mm plates	20	**1.46023.0020**
R2A Agar	90 mm plates	20	**1.46075.0020**
R2A Agar	90 mm plates	120	**1.46075.0120**
Sabouraud Dextrose Agar	90 mm plates	20	**1.46028.0020**
Sabouraud Dextrose Agar	90 mm plates	120	**1.46028.0120**
Tryptic Soy Agar	90 mm plates	20	**1.46004.0020**
Tryptic Soy Agar	90 mm plates	120	**1.46004.0120**
VRBD Agar	90 mm plates	20	**1.46000.0020**
ReadyPlate™ 55 CCA ISO 9308	55 mm plates	20	**1.46757.0020**
ReadyPlate™ 55 CCA ISO 9308	55 mm plates	200	**1.46757.0200**
ReadyPlate™ 55 Slanetz and Bartley ISO 7899	55 mm plates	20	**1.46765.0020**
ReadyPlate™ 55 CN Agar ISO 16266	55 mm plates	20	**1.46767.0020**
ReadyPlate™ 55 TGE Agar	55 mm plates	20	**1.46761.0020**
ReadyPlate™ 55 Plate Count Agar	55 mm plates	20	**1.46763.0020**
ReadyPlate™ 55 m-Green Agar	55 mm plates	20	**1.46769.0020**





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Description	Format	Qty/ pack	Cat. No.
Ready-to-use 2 mL single test liquid media in plastic ampoules			
m-Green Yeast and Mold Broth	2 mL	50	**MHA000P2M**
m-FC Broth with Rosolic Acid	2 mL	50	**MHA000P2F**
m-Endo Total Coliform Broth	2 mL	50	**MHA000P2E**
Tryptone Glucose Extract Broth (TGE)	2 mL	50	**MHA000P2T**
m-ColiBlue24® Broth for Total coliforms and E coli detection	2 mL	50	**M00PMCB24**
m-HPC Broth	2 mL	50	**MHA000P2S**
Triptic Soybean Broth (TSB)	2 mL	50	**MHA000T2B**
Tryptone Glucose Extract Broth with TTC	2 mL	50	**MHA00P2TT**
Preservative Resistant Yeast Broth	2 mL	50	**MHA00PRY2**
Yeast and Mold Liquid Media Ampoule	2 mL	50	**MHA000P2M**
M-COLIBLUE - COLIFORM DETECTION MEDIUM	2 mL	50	**M00PMCB24**
M-FC Fecal Coliform Liquid Media Ampoule	2 mL	50	**MHA000P2F**
Tryptone Glucose Extract Broth - Ampoule	2 mL	50	**MHA000P2T**
M-Endo Liquid Media Ampoule	2 mL	50	**MHA000P2E**
TGE with Indicator	2 mL	50	**MHA00P2TT**
Wallerstein Nutr. Liquid Media Ampoule	2 mL	50	**MHA000P2N**
HPC/SPC Liquid Media Ampoule	2 mL	50	**MHA000P2S**
SOYBEAN CASEIN DIGEST BROTH	2 mL	50	**MHA000T2B**
Pseudomonas Liquid Media Ampoule	2 mL	50	**MHA000P2P**
Yeast Selective Liquid Media Ampoule W/chloramphenicol	2 mL	50	**MHA00P2SM**
Preservative Yeast Media Ampoule	2 mL	50	**MHA00PRY2**
Brettanomyces Medium Liquid Media Ampoul	2 mL	50	**MHA00BSM2**
Orange Serum Liquid Media Ampoule	2 mL	50	**MHA000P20**
M-FC Fecal Coliform Liquid Media Ampoule w/o rosalic acid	2 mL	50	**MHA00FCR2**
MRS liquid media ampoule	2 mL	50	**MHA00MRS2**
Wallerstein Liquid Media Ampoule	2 mL	50	**MHA000P2D**



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Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt, Germany

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