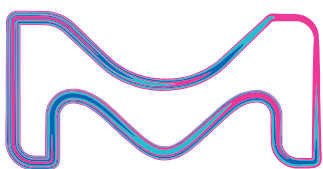


Millipore®

Filtration, Separation
& Preparation



Data Sheet



Built for Better Testing

EZ-Fit™ Filtration Units:
Convenience without compromise



The life science business of Merck operates as
MilliporeSigma in the U.S. and Canada.

MERCK

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 Unit 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 multipacks of 4 units (pink version only) or packaged in bulk (with or without protective bag)

results you can count on

Ready-to-use filtration units for microbial enumeration



Designed for optimal microbial recovery

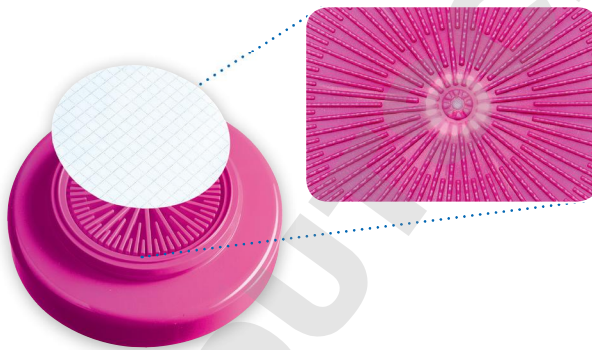
The EZ-Fit™ Filtration Unit is designed for optimal recovery. The **blue and pink drain support** and the funnel-to-base assembly have been optimized so that the membrane remains perfectly flat after sample filtration. When transferred to the culture medium, the whole filtration surface of the membrane 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 Units **conform to international standards** (EP/USP/ISO standards) 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

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



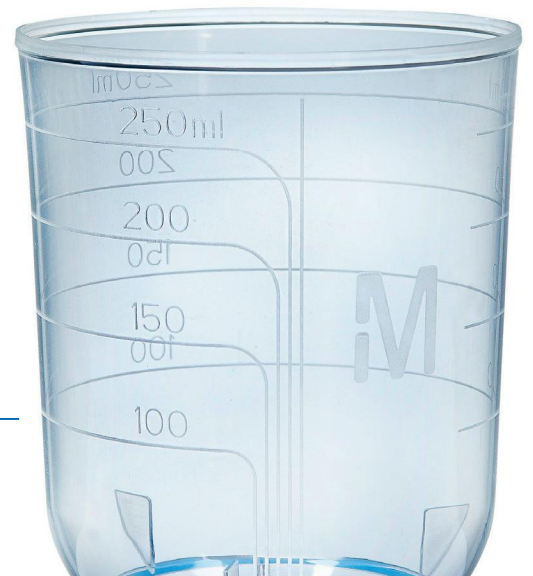
Units can be stacked to save space in the work area

Your workflow constantly in mind

Merck works with membrane filtration users around the world and across industries to make the EZ-Fit™ Filtration Unit ever more ergonomic and convenient, resulting in a device that sets the benchmark for ease of use.

- 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.

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.



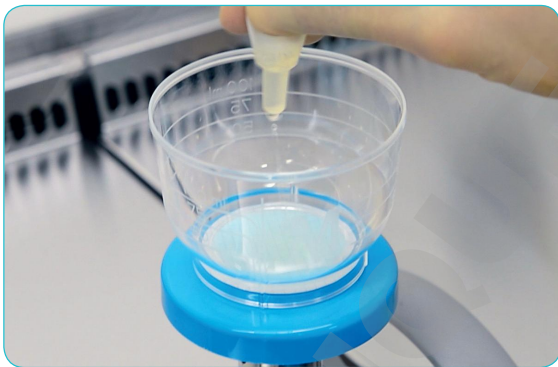
One handed funnel removal



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
Dimensions	Plug (Bulk blue units only)	Low-density polyethylene
	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	EO for blue units, e-beam irradiation for pink units	

Ordering Information

Filtration Units, Hardware and Accessories

Description	Qty / pack	Packaging / Format	Article number
PINK base – no pad			
EZ-Fit™ Filtration Unit, white plain PVDF membrane, 0.45 µm, 100 mL	48	Single	EFHVV10IS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 100 mL	48	Multipack of 4 units	EFHAW10MS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 250 mL	48	Bulk with protective bag	EFHAW25BS
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 100 mL	48	Multipack of 4 units	EFHAB10MS
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 250 mL	48	Bulk with protective bag	EFHAB25BS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.22 µm, 100 mL	48	Multipack of 4 units	EFGSW10MS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.22 µm, 100 mL	48	Single	EFGSW10IS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.8 µm, 100 mL	48	Bulk with protective bag	EFAAW10BS
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.8 µm, 250 mL	48	Bulk with protective bag	EFAAW25BS
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.8 µm, 100 mL	48	Bulk with protective bag	EFAAB10BS
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.8 µm, 250 mL	48	Bulk with protective bag	EFAAB25BS
BLUE base – with pad			
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 100 mL	48	Bulk	EFHAW100B
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 100 mL	48	Single	EFHAW100I
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 250 mL	48	Bulk	EFHAW250B
EZ-Fit™ Filtration Unit, white gridded MCE membrane, 0.45 µm, 250 mL	48	Single	EFHAW250I
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 100 mL	48	Bulk	EFHAB100B
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 100 mL	48	Single	EFHAB100I
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 250 mL	48	Bulk	EFHAB250B
EZ-Fit™ Filtration Unit, black gridded MCE membrane, 0.45 µm, 250 mL	48	Single	EFHAB250I
ISO Compliant Media			
ReadyPlate™ 55 CCA ISO 9308	20	55 mm plates	1.46757.0020
ReadyPlate™ 55 CCA ISO 9308	200	55 mm plates	1.46757.0200
ReadyPlate™ 55 KIT CCA ISO 9308	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46758.0150
ReadyPlate™ 55 Lactose TTC ISO 9308	20	55 mm plates	1.46759.0020
ReadyPlate™ 55 KIT Lactose TTC ISO 9308	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46760.0150
ReadyPlate™ 55 Slanetz and Bartley ISO 7899	20	55 mm plates	1.46765.0020
ReadyPlate™ 55 KIT Slanetz and Bartley ISO 7899	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46766.0150
ReadyPlate™ 55 CN Agar ISO 16266	20	55 mm plates	1.46767.0020
ReadyPlate™ 55 KIT CN Agar ISO 16266	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46768.0150
Beverage Media			
ReadyPlate™ 55 TGE Agar	20	55 mm plates	1.46761.0020
ReadyPlate™ 55 KIT TGE Agar	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46762.0150
ReadyPlate™ 55 Plate Count Agar	20	55 mm plates	1.46763.0020
ReadyPlate™ 55 KIT Plate Count Agar	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46764.0150
ReadyPlate™ 55 m-Green Agar	20	55 mm plates	1.46769.0020
ReadyPlate™ 55 KIT m-Green Agar	150	Kit: 150 plates + 150 EZPAK + ISO 17025	1.46770.0150

Ordering Information

Filtration Units, Hardware and Accessories

Description	Qty / pack	Article number
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	EZFITMVHE1
EZ-Fit™ filtration head for EZ-Fit™ Filtration Units	3	EZFITMVHE3
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



Selected Culture Media

Please visit our website for the complete list of items

Description	Qty / pack	Article number
Ready to use Solid Media (heipha)		
Cetrimide Agar, 90 mm plates	20	1.46048.0020
Cetrimide Agar, 90 mm plates	120	1.46048.0120
MacConkey Agar, 90 mm plates	20	1.46022.0020
MacConkey Agar, 90 mm plates	120	1.46022.0120
Mannitol Salt Agar, 90 mm plates	20	1.46023.0020
Mannitol Salt Agar, 90 mm plates	120	1.46023.0120
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
VRBD Agar, 90 mm plates	120	1.46000.0120



Selected Culture Media

Please visit our website for the complete list of items

Description	Qty / pack	Article number
Dehydrated Media in granulated form		
Tryptic Soy Agar, Casein-peptone soymeal-peptone agar	500 g	1.05458.0500
Sabouraud 4% Dextrose Agar	500 g	1.05438.0500
Potato Dextrose Agar	500 g	1.10130.0500
Plate Count Agar, Casein-peptone glucose yeast extract agar	500 g	1.05463.0500
Chromocult® Coliform Agar	500 g	1.10426.0500
YGC agar, Yeast extract glucose chloramphenicol agar FIL-IDF	500 g	1.16000.0500
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
Tryptic Soybean Broth (TSB)	50	MHA000T2B
Tryptone Glucose Extract Broth with TTC	50	MHA000P2TT
Preservative Resistant Yeast Broth	50	MHA000PRY2



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MerckMillipore.com/EZ-Fit

