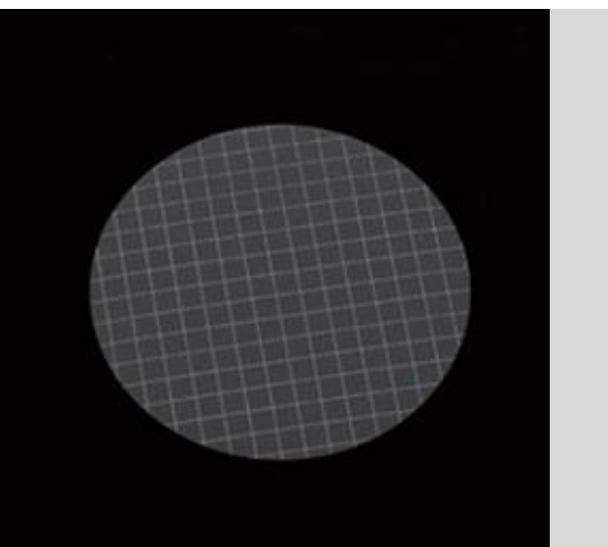
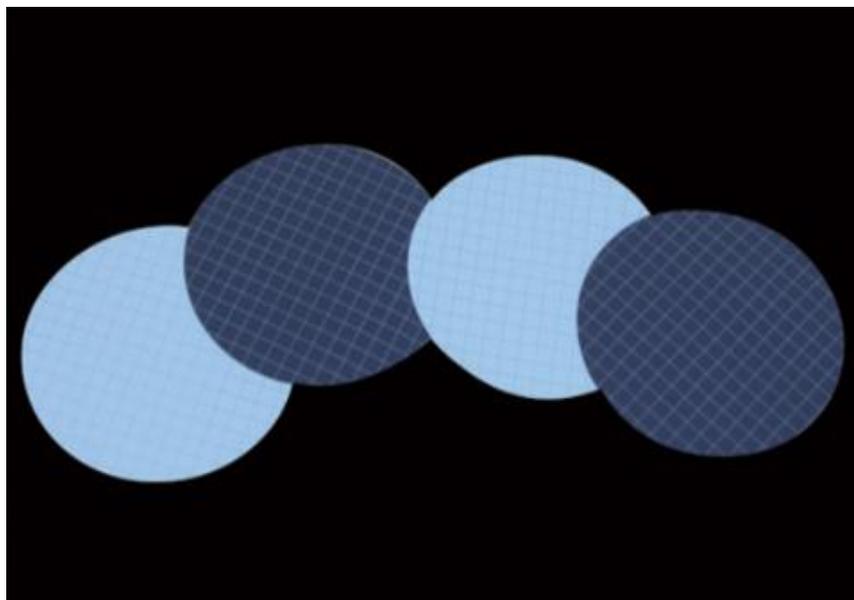


PurplePure™ MCE Black Membranes

- Suitable for microbiological analysis of light-coloured or transparent bacteria
- Black membranes provide excellent contrast between cell colour / residue and the filter, without having to counter-stain the membrane
- Most used for manual counting procedures, analysis of yeast, mould and *Legionella* sp.
- Fully stackable with raised ridge and optimally clear petri plates
- Compatible with automated carousel systems



Technical Specifications

Physicochemical characteristics	Filter surface	Black with white grids
	Pore sizes (µm)	0.22, 0.45, 0.8, 1.2, 3.0
	Diameters	47mm, 50mm
	Wettability	Hydrophilic
	Thickness	115 – 145 mm
	Grid thickness	3.1 mm
	Filter integrity (bubble point with water)	0.22µm : min. 55 psi 0.45µm : min. 29 psi
Biological parameters	Sterility test	Passes
	Growth inhibition test	Grids are non-toxic and do not inhibit the growth of microorganisms
	Microbial retention test	Retention of $\geq 10^7$ organisms/cm ² of <i>Serratia marcescens</i> (0.45µm) and <i>Brevundimonas diminuta</i> (0.22µm)
Validation parameters	Endotoxin	< 0.5 EU/ml (LAL test)
	Fibre particles release test	Passes
	Extractables	Passes

Ordering Information

Catalog No.	Diameter (mm)	Pore size (µm)	Membrane material	Sterile	Membrane surface	Packaging	Quantity per box
PBF101SB	47	0.22	MCE	Yes	Black membranes with white grids	Individual	100 X 1NO
PBF101B	47	0.22	MCE	No		Bulk	100NO
PBF102SB	47	0.45	MCE	Yes		Individual	100 X 1NO
PBF102B	47	0.45	MCE	No		Bulk	100NO
PBF196SB	47	0.8	MCE	Yes		Individual	100 X 1NO
PBF196B	47	0.8	MCE	No		Bulk	100NO
PBF197SB	47	1.2	MCE	Yes		Individual	100 X 1NO
PBF197B	47	1.2	MCE	No		Bulk	100NO
PBF103SB	47	3.0	MCE	Yes		Individual	100 X 1NO
PBF103B	47	3.0	MCE	No		Bulk	100NO

Enquire at info@purplebiolabs.com/support@purplebiolabs.com for more details of 50mm membranes



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info@purplebiolabs.com/support@purplebiolabs.com

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