

2009 Catalog

Membrane Filter



Membrane filters or "membranes" are microporous films with specific pore size ratings. Membranes retain particles and microorganisms that exceed their pore ratings by acting as a physical barrier and capturing such particles on the surface of the membrane.

Membrane Solutions offers membrane filters in diameters from 13mm to 293mm and materials including PES , MCE, Nylon, PVDF , PTFE and Glass Fiber.

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MS[®] Nylon Membrane Filter

- Hydrophilic
- High protein binding capacity
- Ideal for Bacterial and Particulate removal
- Compatible with aqueous and alcoholic solutions and solvents; suitable for HPLC

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFNY013010	Nylon	0.1	13	200
MFNY025010	Nylon	0.1	25	100
MFNY037010	Nylon	0.1	37	100
MFNY047010	Nylon	0.1	47	50
MFNY090010	Nylon	0.1	90	25
MFNY142010	Nylon	0.1	142	25
MFNY293010	Nylon	0.1	293	25
MFNY013022	Nylon	0.22	13	200
MFNY025022	Nylon	0.22	25	100
MFNY037022	Nylon	0.22	37	100
MFNY047022	Nylon	0.22	47	50
MFNY090022	Nylon	0.22	90	25
MFNY142022	Nylon	0.22	142	25
MFNY293022	Nylon	0.22	293	25
MFNY013045	Nylon	0.45	13	200
MFNY025045	Nylon	0.45	25	100
MFNY037045	Nylon	0.45	37	100
MFNY047045	Nylon	0.45	47	50
MFNY090045	Nylon	0.45	90	25
MFNY142045	Nylon	0.45	142	25
MFNY293045	Nylon	0.45	293	25
MFNY013080	Nylon	0.8	13	200
MFNY025080	Nylon	0.8	25	100
MFNY037080	Nylon	0.8	37	100
MFNY047080	Nylon	0.8	47	50
MFNY090080	Nylon	0.8	90	25
MFNY142080	Nylon	0.8	142	25
MFNY293080	Nylon	0.8	293	25
MFNY013100	Nylon	1.0	13	200
MFNY025100	Nylon	1.0	25	100
MFNY037100	Nylon	1.0	37	100
MFNY047100	Nylon	1.0	47	50
MFNY090100	Nylon	1.0	90	25
MFNY142100	Nylon	1.0	142	25
MFNY293100	Nylon	1.0	293	25
MFNY013300	Nylon	3.0	13	200
MFNY025300	Nylon	3.0	25	100

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFNY037300	Nylon	3.0	37	100
MFNY047300	Nylon	3.0	47	50
MFNY090300	Nylon	3.0	90	25
MFNY142300	Nylon	3.0	142	25
MFNY293300	Nylon	3.0	293	25
MFNY013500	Nylon	5.0	13	200
MFNY025500	Nylon	5.0	25	100
MFNY037500	Nylon	5.0	37	100
MFNY047500	Nylon	5.0	47	50
MFNY090500	Nylon	5.0	90	25
MFNY142500	Nylon	5.0	142	25
MFNY293500	Nylon	5.0	293	25

MS[®] PTFE Membrane Filter

- PTFE membrane with supporting layer polyester or polypropylene
- Suitable for applications involving aggressive organic solvents, strong acids, and alkalis
- Hydrophobic nature of the membrane has applications for air and gas sterilization
- High temperature resistance



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFPTFE013010B	Hydrophobic PTFE	0.1	13	200
MFPTFE025010B	Hydrophobic PTFE	0.1	25	100
MFPTFE037010B	Hydrophobic PTFE	0.1	37	100
MFPTFE047010B	Hydrophobic PTFE	0.1	47	50
MFPTFE090010B	Hydrophobic PTFE	0.1	90	25
MFPTFE142010B	Hydrophobic PTFE	0.1	142	25
MFPTFE293010B	Hydrophobic PTFE	0.1	293	25
MFPTFE013022B	Hydrophobic PTFE	0.22	13	200
MFPTFE025022B	Hydrophobic PTFE	0.22	25	100
MFPTFE037022B	Hydrophobic PTFE	0.22	37	100
MFPTFE047022B	Hydrophobic PTFE	0.22	47	50
MFPTFE090022B	Hydrophobic PTFE	0.22	90	25
MFPTFE142022B	Hydrophobic PTFE	0.22	142	25
MFPTFE293022B	Hydrophobic PTFE	0.22	293	25
MFPTFE013045B	Hydrophobic PTFE	0.45	13	200
MFPTFE025045B	Hydrophobic PTFE	0.45	25	100
MFPTFE037045B	Hydrophobic PTFE	0.45	37	100
MFPTFE047045B	Hydrophobic PTFE	0.45	47	50
MFPTFE090045B	Hydrophobic PTFE	0.45	90	25
MFPTFE142045B	Hydrophobic PTFE	0.45	142	25
MFPTFE293045B	Hydrophobic PTFE	0.45	293	25
MFPTFE013100B	Hydrophobic PTFE	1.0	13	200
MFPTFE025100B	Hydrophobic PTFE	1.0	25	100



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFPTFE037100B	Hydrophobic PTFE	1.0	37	100
MFPTFE047100B	Hydrophobic PTFE	1.0	47	50
MFPTFE090100B	Hydrophobic PTFE	1.0	90	25
MFPTFE142100B	Hydrophobic PTFE	1.0	142	25
MFPTFE293100B	Hydrophobic PTFE	1.0	293	25
MFPTFE013300B	Hydrophobic PTFE	3.0	13	200
MFPTFE025300B	Hydrophobic PTFE	3.0	25	100
MFPTFE037300B	Hydrophobic PTFE	3.0	37	100
MFPTFE047300B	Hydrophobic PTFE	3.0	47	50
MFPTFE090300B	Hydrophobic PTFE	3.0	90	25
MFPTFE142300B	Hydrophobic PTFE	3.0	142	25
MFPTFE293300B	Hydrophobic PTFE	3.0	293	25
MFPTFE013500B	Hydrophobic PTFE	5.0	13	200
MFPTFE025500B	Hydrophobic PTFE	5.0	25	100
MFPTFE037500B	Hydrophobic PTFE	5.0	37	100
MFPTFE047500B	Hydrophobic PTFE	5.0	47	50
MFPTFE090500B	Hydrophobic PTFE	5.0	90	25
MFPTFE142500B	Hydrophobic PTFE	5.0	142	25
MFPTFE293500B	Hydrophobic PTFE	5.0	293	25



MS[®] PES Membrane Filter

- Inherently hydrophilic
- Low protein binding
- Good chemical compatibility
- Superior thermo stability

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFPE013005	PES	0.05	13	200
MFPE025005	PES	0.05	25	100
MFPE037005	PES	0.05	37	100
MFPE047005	PES	0.05	47	50
MFPE090005	PES	0.05	90	25
MFPE142005	PES	0.05	142	25
MFPE013010	PES	0.1	13	200
MFPE025010	PES	0.1	25	100
MFPE037010	PES	0.1	37	100
MFPE047010	PES	0.1	47	50
MFPE090010	PES	0.1	90	25
MFPE142010	PES	0.1	142	25

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Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFPE013022	PES	0.22	13	200
MFPE025022	PES	0.22	25	100
MFPE037022	PES	0.22	37	100
MFPE047022	PES	0.22	47	50
MFPE090022	PES	0.22	90	25
MFPE142022	PES	0.22	142	25
MFPE013045	PES	0.45	13	200
MFPE025045	PES	0.45	25	100
MFPE037045	PES	0.45	37	100
MFPE047045	PES	0.45	47	50
MFPE090045	PES	0.45	90	25
MFPE142045	PES	0.45	142	25
MFPE013065	PES	0.45	13	200
MFPE025065	PES	0.65	25	100
MFPE037065	PES	0.65	37	100
MFPE047065	PES	0.65	47	50
MFPE090065	PES	0.65	90	25
MFPE142065	PES	0.65	142	25
MFPE013100	PES	0.65	13	200
MFPE025100	PES	1.0	25	100
MFPE037100	PES	1.0	37	100
MFPE047100	PES	1.0	47	50
MFPE090100	PES	1.0	90	25
MFPE142100	PES	1.0	142	25

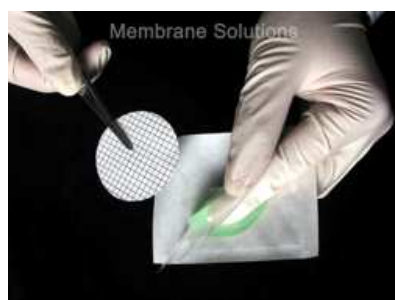
Membrane Solutions



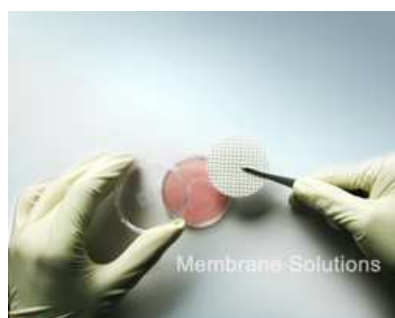
MS[®] MCE Membrane Filter

- A mixture of nitrocellulose and cellulose acetate
- Naturally hydrophilic
- Available in both supported or non-supported
- High porosity provides superior flow rates
- Ideal for use in lateral flow assays and dot/slot blotting

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFMCE013022	MCE	0.22	13	200
MFMCE025022	MCE	0.22	25	100
MFMCE037022	MCE	0.22	37	50
MFMCE047022	MCE	0.22	47	50
MFMCE090022	MCE	0.22	90	25
MFMCE142022	MCE	0.22	142	25
MFMCE293022	MCE	0.22	293	25

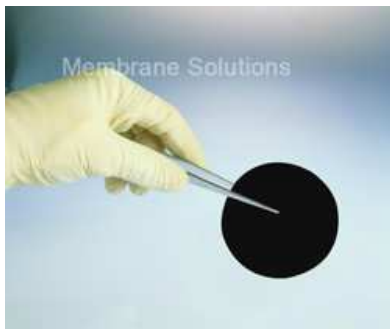
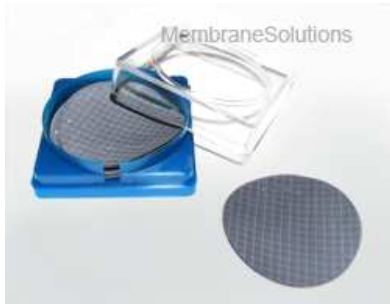


Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFMCE013045	MCE	0.45	13	200
MFMCE025045	MCE	0.45	25	100
MFMCE037045	MCE	0.45	37	50
MFMCE047045	MCE	0.45	47	50
MFMCE090045	MCE	0.45	90	25
MFMCE142045	MCE	0.45	142	25
MFMCE293045	MCE	0.45	293	25
MFMCE013080	MCE	0.8	13	200
MFMCE025080	MCE	0.8	25	100
MFMCE037080	MCE	0.8	37	50
MFMCE047080	MCE	0.8	47	50
MFMCE090080	MCE	0.8	90	25
MFMCE142080	MCE	0.8	142	25
MFMCE293080	MCE	0.8	293	25
MFMCE013100	MCE	1.0	13	200
MFMCE025100	MCE	1.0	25	100
MFMCE037100	MCE	1.0	37	50
MFMCE047100	MCE	1.0	47	50
MFMCE090100	MCE	1.0	90	25
MFMCE142100	MCE	1.0	142	25
MFMCE293100	MCE	1.0	293	25
MFMCE013300	MCE	3.0	13	200
MFMCE025300	MCE	3.0	25	100
MFMCE037300	MCE	3.0	37	50
MFMCE047300	MCE	3.0	47	50
MFMCE090300	MCE	3.0	90	25
MFMCE142300	MCE	3.0	142	25
MFMCE293300	MCE	3.0	293	25
MFMCE013500	MCE	5.0	13	200
MFMCE025500	MCE	5.0	25	100
MFMCE037500	MCE	5.0	37	50
MFMCE047500	MCE	5.0	47	50
MFMCE090500	MCE	5.0	90	25
MFMCE142500	MCE	5.0	142	25
MFMCE293500	MCE	5.0	293	25



MS[®] Microbiology Test Membrane Filter(MCE)

- Available in white and black
- Gridded or non-gridded
- Individual pack, pre-sterilized
- Standard for microbiological analysis of water, waste water, and beverages.



Cat. No.	Filter Medium	Pore Size(μm)	Diameter (mm)	Qty/pack
MCE Membrane Filter, White, Gridded, Sterile, Individually packed				
MFMC025022GWS	MCE	0.22	25	100
MFMC037022GWS	MCE	0.22	37	100
MFMC047022GWS	MCE	0.22	47	100
MFMC025045GWS	MCE	0.45	25	100
MFMC037045GWS	MCE	0.45	37	100
MFMC047045GWS	MCE	0.45	47	100
MFMC025080GWS	MCE	0.8	25	100
MFMC037080GWS	MCE	0.8	37	100
MFMC047080GWS	MCE	0.8	47	100
MFMC025100GWS	MCE	1.0	25	100
MFMC037100GWS	MCE	1.0	37	100
MFMC047100GWS	MCE	1.0	47	100
MFMC025300GWS	MCE	3.0	25	100
MFMC037300GWS	MCE	3.0	37	100
MFMC047300GWS	MCE	3.0	47	100
MCE Membrane Filter, Black, Gridded, Sterile, Individually packed				
MFMC025045GBS	MCE	0.45	25	100
MFMC037045GBS	MCE	0.45	37	100
MFMC047045GBS	MCE	0.45	47	100
MFMC025080GBS	MCE	0.8	25	100
MFMC037080GBS	MCE	0.8	37	100
MFMC047080GBS	MCE	0.8	47	100



MS® Absorbent Pad

- Pure cellulose pad will not inhibit any bacterial grow.
- Available non-sterile or sterilized by gamma irradiation.
- Individually packed for pre-sterilized
- Customized diameter is available

Cat. No.	Description	Diameter(mm)	Qty/pack
MFAP047N	Non-sterile Absorbent Pad	47	100
MFAP047S	Sterile Absorbent Pad, individually packed	47	100
MFAP050N	Non-sterile Absorbent Pad	50	100
MFAP050S	Sterile Absorbent Pad, individually packed	50	100
MFAP015050D	Petri-Pad dish, 55x15mm, with absorbent pad, sterile	50	200

MS[®] PVDF Membrane Filter



- Wide chemical compatibility
- Excellent mechanical properties
- High temperature capabilities
- Low extractable levels

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
MFPVDF013022	PVDF	0.22	13	200
MFPVDF025022	PVDF	0.22	25	100
MFPVDF037022	PVDF	0.22	37	100
MFPVDF047022	PVDF	0.22	47	50
MFPVDF090022	PVDF	0.22	90	25
MFPVDF142022	PVDF	0.22	142	25
MFPVDF293022	PVDF	0.22	293	25
MFPVDF013045	PVDF	0.45	13	200
MFPVDF025045	PVDF	0.45	25	100
MFPVDF037045	PVDF	0.45	37	100
MFPVDF047045	PVDF	0.45	47	50
MFPVDF090045	PVDF	0.45	90	25
MFPVDF142045	PVDF	0.45	142	25
MFPVDF293045	PVDF	0.45	293	25

MS[®] CA Membrane Filter



- Hydrophilic
- Very low protein binding capacity
- High physical strength
- Strength and dimension stability

Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
MFCA013022	Cellulose Acetate	0.22	13	200
MFCA025022	Cellulose Acetate	0.22	25	100
MFCA037022	Cellulose Acetate	0.22	37	100
MFCA047022	Cellulose Acetate	0.22	47	50
MFCA090022	Cellulose Acetate	0.22	90	25
MFCA142022	Cellulose Acetate	0.22	142	25
MFCA293022	Cellulose Acetate	0.22	293	25
MFCA013045	Cellulose Acetate	0.45	13	200
MFCA025045	Cellulose Acetate	0.45	25	100
MFCA037045	Cellulose Acetate	0.45	37	100



Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
MFCA047045	Cellulose Acetate	0.45	47	50
MFCA090045	Cellulose Acetate	0.45	90	25
MFCA142045	Cellulose Acetate	0.45	142	25
MFCA293045	Cellulose Acetate	0.45	293	25
MFCA013080	Cellulose Acetate	0.8	13	200
MFCA025080	Cellulose Acetate	0.8	25	100
MFCA037080	Cellulose Acetate	0.8	37	100
MFCA047080	Cellulose Acetate	0.8	47	50
MFCA090080	Cellulose Acetate	0.8	90	25
MFCA142080	Cellulose Acetate	0.8	142	25
MFCA293080	Cellulose Acetate	0.8	293	25
MFCA013300	Cellulose Acetate	3.0	13	200
MFCA025300	Cellulose Acetate	3.0	25	100
MFCA037300	Cellulose Acetate	3.0	37	100
MFCA047300	Cellulose Acetate	3.0	47	50
MFCA090300	Cellulose Acetate	3.0	90	25
MFCA142300	Cellulose Acetate	3.0	142	25
MFCA293300	Cellulose Acetate	3.0	293	25

MS[®] Glass Fiber Filter

- Excellent wet strength
- Very high efficiency and high dirty loading capacity
- Lot-to-lot consistency
- Binder and Binder-free option



Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
With Binder				
MFGF025050B	Glass Fiber	0.5	25	200
MFGF037050B	Glass Fiber	0.5	37	100
MFGF047050B	Glass Fiber	0.5	47	100
MFGF090050B	Glass Fiber	0.5	90	60
MFGF142050B	Glass Fiber	0.5	142	20
MFGF293050B	Glass Fiber	0.5	293	20
MFGF025100B	Glass Fiber	1.0	25	200
MFGF037100B	Glass Fiber	1.0	37	100
MFGF047100B	Glass Fiber	1.0	47	100
MFGF090100B	Glass Fiber	1.0	90	60
MFGF142100B	Glass Fiber	1.0	142	20
MFGF293100B	Glass Fiber	1.0	293	20
MFGF025200B	Glass Fiber	2.0	25	200

Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
With Binder				
MFGF037200B	Glass Fiber	2.0	37	100
MFGF047200B	Glass Fiber	2.0	47	100
MFGF090200B	Glass Fiber	2.0	90	60
MFGF142200B	Glass Fiber	2.0	142	20
MFGF293200B	Glass Fiber	2.0	293	20
Binder Free				
MFGF025200N	Glass Fiber	2.0	25	200
MFGF037200N	Glass Fiber	2.0	37	100
MFGF047200N	Glass Fiber	2.0	47	100
MFGF090200N	Glass Fiber	2.0	90	60
MFGF142200N	Glass Fiber	2.0	142	20
MFGF293200N	Glass Fiber	2.0	293	20