



Membrane Filters

ITEMS 49 - 50 - 51



Microlab Scientific supplied the Membrane Filters with an accurately controlled pore size distribution and higher strength and flexibility, which ensure reproducibility and consistency.

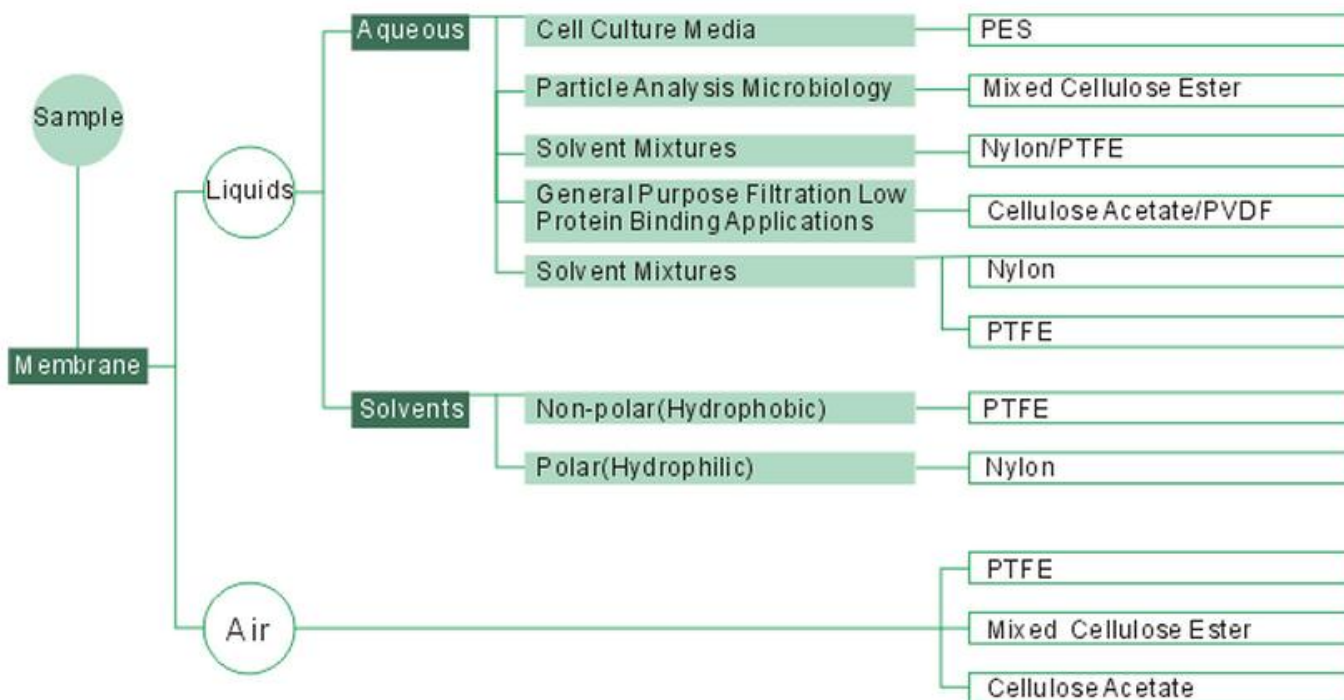
Microlab Scientific offers membrane discs in diameters from 13mm to 293mm and materials including Nylon, PES, PVDF, PTFE, MCE, CA, PP and so on..

Membrane Specifications Chart

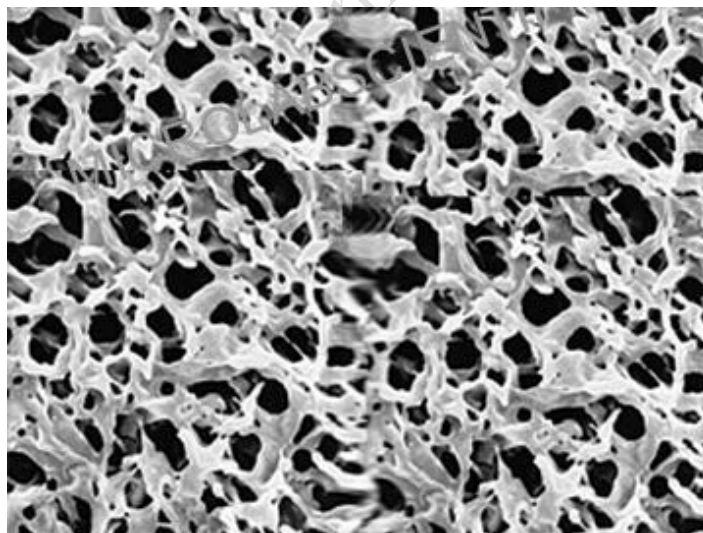
Membrane	Pore Size Range (μm)	Diameter Range (mm)	Surface Type (plain/gridded)	Sterile Or Not
MCE (Nitrocellulose)	0.1 - 5.0	13-293	○ ⊗	Nonsterile or Sterile
CA (Cellulose Acetate)	0.2 - 5.0	13-293	○	Nonsterile
PES (Polyethersulfone)	0.1-1.0	13-142	○	Nonsterile
Hydrophilic PTFE	0.1-1.0	13-142	○	Nonsterile
Hydrophobic PTFE	0.1-5.0	13-142	○	Nonsterile
PP (polypropylene)	0.2-10	13-293	○	Nonsterile
Nylon (polyamide)	0.1-5.0	13-293	○	Nonsterile
PVDF (Polyvinylidene Fluoride)	0.2-5.0	13-142	○	Nonsterile



Membrane Filter Selection Guide



Hydrophobic PVDF Membrane Filter



Products Feature

- Stack consists of reinforced-type PVDF membrane, Possess superior properties of heat- resistance and chemical-resistance
- Holds the opposite capability against hydrophilic membrane
- Can ensure wet air and other gas pass through smoothly, even when the differential pressure is very low. But the water liquid can't permeate



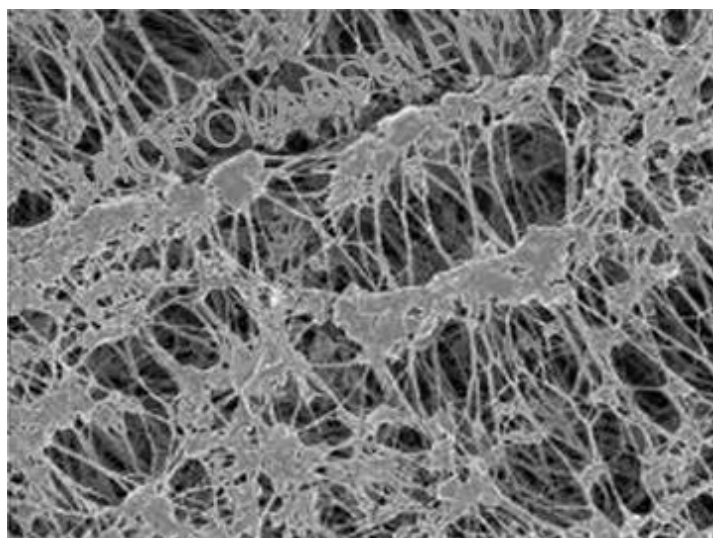
Application

- Bacterial removal
- HPLC flowing particle removal
- Drug filtration
- Organic solvents filtration
- Air filtration
- Venting

Order Information

Cata No.	Description	PackagePcs/pk
M13PVB022	PVDF Membrane Filter, Hydrophobic ,Pore: 0.22(μ m), Diameter: 13(mm)	400
M25PVB022	PVDF Membrane Filter, Hydrophobic ,Pore: 0.22(μ m), Diameter: 25(mm)	200
M47PVB022	PVDF Membrane Filter, Hydrophobic ,Pore: 0.22(μ m), Diameter: 47(mm)	200
M90PVB022	PVDF Membrane Filter, Hydrophobic ,Pore: 0.22(μ m), Diameter: 90(mm)	100
M142PVB022	PVDF Membrane Filter, Hydrophobic ,Pore: 0.22(μ m), Diameter: 142(mm)	50
M13PVB045	PVDF Membrane Filter, Hydrophobic ,Pore: 0.45(μ m), Diameter: 13(mm)	400
M25PVB045	PVDF Membrane Filter, Hydrophobic ,Pore: 0.45(μ m), Diameter: 25(mm)	200
M47PVB045	PVDF Membrane Filter, Hydrophobic ,Pore: 0.45(μ m), Diameter: 47(mm)	200
M90PVB045	PVDF Membrane Filter, Hydrophobic ,Pore: 0.45(μ m), Diameter: 90(mm)	100
M142PVB045	PVDF Membrane Filter, Hydrophobic ,Pore: 0.45(μ m), Diameter: 142(mm)	50

Hydrophilic PTFE Membrane Filter



Application

- Gas: Filtration and recovery of industrial dust.



- Liquid: Liquid filtration, purification and industrial water treatment.
- Precise Filtration: Purification, filtration and product recovery in pharmaceutical and electronic industry.
- Others: For civil applications.

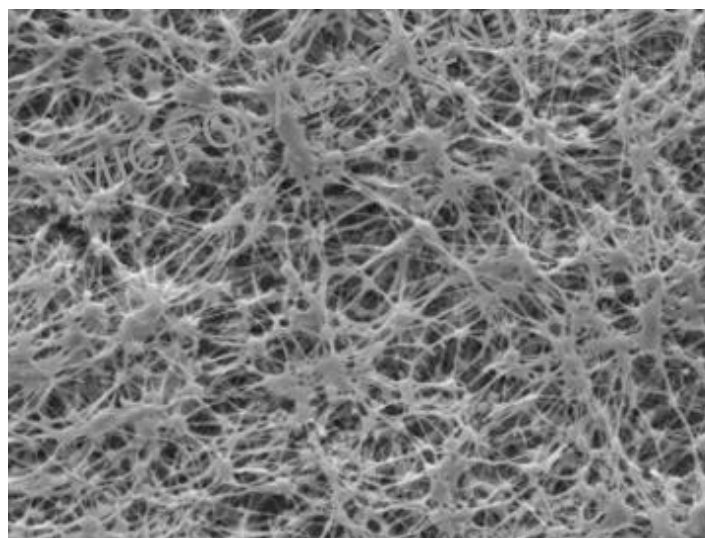
Products Feature

- Pore size is small and easy to be controlled: the pore size reaches the minimum of 0.02 μm and can be adjusted in the range of 0.05-3 μm based on different requirements.
- High porosity: up to 85%-93%, with 1 billion pores per square centimeter and uniform distribution.
- Low resistance, high flux, and high precision due to high porosity.
- Low surface friction coefficient:0.1
- High chemical resistant :slightly corrosive only by molten alkali metal and fluorine.
- Wide range of working temperature:180-260 $^{\circ}\text{C}$.

Order Information

Cat. No.	Description	Pcs/pk
M13PTL022	Hydrophilic PTFE Membrane Filter, Pore:0.22(μm), Diameter:13(mm)	400
M25PTL022	Hydrophilic PTFE Membrane Filter, Pore:0.22(μm), Diameter:25(mm)	200
M47PTL022	Hydrophilic PTFE Membrane Filter, Pore:0.22(μm), Diameter:47(mm)	200
M90PTL022	Hydrophilic PTFE Membrane Filter, Pore:0.22(μm), Diameter:90(mm)	100
M13PTL045	Hydrophilic PTFE Membrane Filter, Pore:0.45(μm), Diameter:13(mm)	400
M25PTL045	Hydrophilic PTFE Membrane Filter, Pore:0.45(μm), Diameter:25(mm)	200
M47PTL045	Hydrophilic PTFE Membrane Filter, Pore:0.45(μm), Diameter:47(mm)	200
M90PTL045	Hydrophilic PTFE Membrane Filter, Pore:0.45(μm), Diameter:90(mm)	100

Hydrophobic PTFE Membrane Filter





Applications

- Filtration of strong acids and aggressive solutions
- Venting applications
- Phase separations
- Aerosol samplings

Products Feature

- PTFE membrane with supporting layer polyester or polypropylene.
- The PTFE membrane can effectively filtrate microorganism and other particulates.
- Wide chemical compatibility
- High temperature resistance
- Low starting resistance

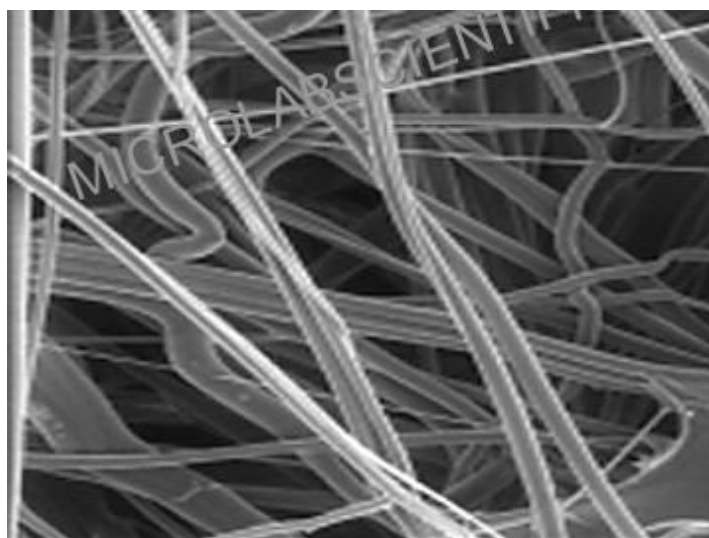
Order Information

Cata No.	Description	Package(Pcs/pk)
M13PTB022	Hydrophobic PTFE Membrane Filter, Pore:0.22(μ m), Diameter:13(mm)	400
M25PTB022	Hydrophobic PTFE Membrane Filter, Pore:0.22(μ m), Diameter:25(mm)	200
M47PTB022	Hydrophobic PTFE Membrane Filter, Pore:0.22(μ m), Diameter:47(mm)	200
M90PTB022	Hydrophobic PTFE Membrane Filter, Pore:0.22(μ m), Diameter:90(mm)	100
M142PTB022	Hydrophobic PTFE Membrane Filter, Pore:0.22(μ m), Diameter:142(mm)	50
M13PTB045	Hydrophobic PTFE Membrane Filter, Pore:0.45(μ m), Diameter:13(mm)	400
M25PTB045	Hydrophobic PTFE Membrane Filter, Pore:0.45(μ m), Diameter:25(mm)	200
M47PTB045	Hydrophobic PTFE Membrane Filter, Pore:0.45(μ m), Diameter:47(mm)	200
M90PTB045	Hydrophobic PTFE Membrane Filter, Pore:0.45(μ m), Diameter:90(mm)	100
M142PTB045	Hydrophobic PTFE Membrane Filter, Pore:0.45(μ m), Diameter:142(mm)	50

*Other pore size are also available.



PP Membrane Filter



Application

- Aqueous and organic solvent filtration
- HPLC Solvent and Sample Filtration
- Ion chromatography
- Gas filtration
- Photo-resist production

Products Feature

- Available in rolls up to 310 mm wide, as well as sheets
- Cut discs that can be customized to meet your application and size requirements
- All customization is easy and cost-effective

Order information

Cata No.	Description	Package Pieces/Pk
M25PP022	PP Membrane Filter, Pore:0.22(μm), Diameter:25(mm)	200
M47PP022	PP Membrane Filter, Pore:0.22(μm), Diameter:47(mm)	200
M90PP022	PP Membrane Filter, Pore:0.22(μm), Diameter:90(mm)	100
M142PP022	PP Membrane Filter, Pore:0.22(μm), Diameter:142(mm)	50
M293PP022	PP Membrane Filter, Pore:0.22(μm), Diameter:293(mm)	25
M25PP045	PP Membrane Filter, Pore:0.45(μm), Diameter:25(mm)	200
M47PP045	PP Membrane Filter, Pore:0.45(μm), Diameter:47(mm)	200
M90PP045	PP Membrane Filter, Pore:0.45(μm), Diameter:90(mm)	100
M142PP045	PP Membrane Filter, Pore:0.45(μm), Diameter:142(mm)	50
M293PP045	PP Membrane Filter, Pore:0.45(μm), Diameter:293(mm)	25



PES membrane filter



Application

- Bacterial removal
- Biosensors
- HPLC flowing particle removal
- Drug filtration
- Organic solvents filtration
- IV filters
- Lateral flow assays
- Particulate removal

Products Feature

A naturally hydrophilic membrane, Microlab PES Membrane does not require wetting agents that can interfere with biological processes. Additionally, its high surface area successfully immobilizes antigens, antibodies and other proteins. The resulting membrane has a void volume of 70-85 percent for high diffusion and low-flow resistance.

Order Information

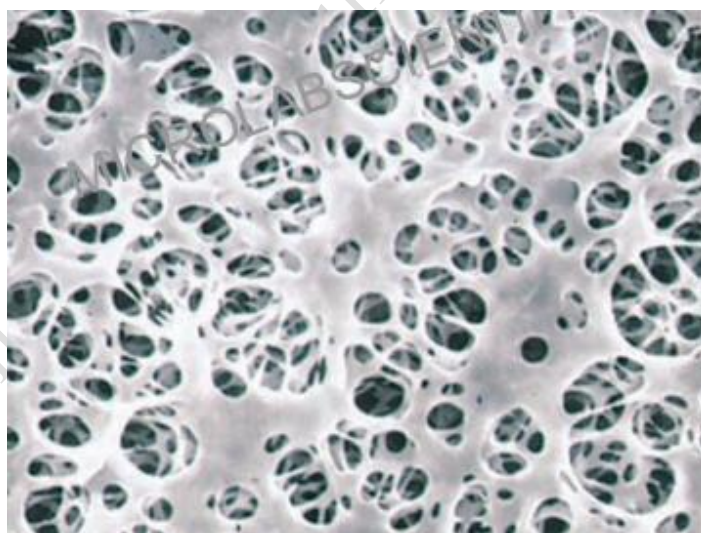
Cata No.	Description	PackagePcs/Pk
M13PS022	PES Membrane Filter, Pore:0.22(μ m), Diameter:13(mm)	400
M25PS022	PES Membrane Filter, Pore:0.22(μ m), Diameter:25(mm)	200
M47PS022	PES Membrane Filter, Pore:0.22(μ m), Diameter:47(mm)	200
M90PS022	PES Membrane Filter, Pore:0.22(μ m), Diameter:90(mm)	100
M142PS022	PES Membrane Filter, Pore:0.22(μ m), Diameter:142(mm)	50
M13PS045	PES Membrane Filter, Pore:0.45(μ m), Diameter:13(mm)	400
M25PS045	PES Membrane Filter, Pore:0.45(μ m), Diameter:25(mm)	200



M47PS045	PES Membrane Filter, Pore:0.45(μ m), Diameter:47(mm)	200
M90PS045	PES Membrane Filter, Pore:0.45(μ m), Diameter:90(mm)	100
M142PS045	PES Membrane Filter, Pore:0.45(μ m), Diameter:142(mm)	50

*Other pore size are also available.

CA Membrane Filter



Application

- Bacterial removal
- Biosensors
- HPLC flowing particle removal
- Drug filtration
- Organic solvents filtration
- IV filters
- Lateral flow assays
- Particulate removal

Products Feature

Ideal for use in general filtration or medical assays

- High wick rates (lateral flow), substances move quickly through the membrane
- Uniform pore structure provides consistent flow and diffusion rates
- Superior strength, withstands aggressive handling or can be used with automated equipment without breaking or tearing
- Exceptional sensitivity, detects low-level components
- Lot-to-lot consistency, quality checks produce dependable results every time

Order information

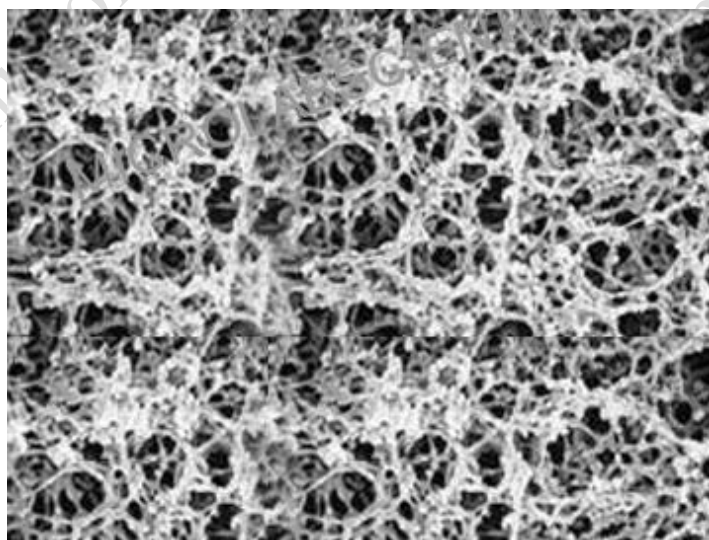
Cata No.	Description	Package(Pcs /pk)
M13CA022	CA Membrane Filter, Pore:0.22(μ m), Diameter:13(mm)	400
M25CA022	CA Membrane Filter, Pore:0.22(μ m), Diameter:25(mm)	200



M47CA022	CA Membrane Filter, Pore:0.22(μm), Diameter:47(mm)	200
M90CA022	CA Membrane Filter, Pore:0.22(μm), Diameter:90(mm)	100
M142CA022	CA Membrane Filter, Pore:0.22(μm), Diameter:142(mm)	50
M13CA045	CA Membrane Filter, Pore:0.45(μm), Diameter:13(mm)	400
M25CA045	CA Membrane Filter, Pore:0.45(μm), Diameter:25(mm)	200
M47CA045	CA Membrane Filter, Pore:0.45(μm), Diameter:47(mm)	200
M90CA045	CA Membrane Filter, Pore:0.45(μm), Diameter:90(mm)	100
M142CA045	CA Membrane Filter, Pore:0.45(μm), Diameter:142(mm)	50

*Other pore size are also available.

MCE Membrane Filter



Application

- Bacterial removal
- Biosensors
- HPLC flowing particle removal
- Drug filtration
- Organic solvents filtration
- Monitor membrane for air and water
- Particulate removal

Products Feature

- Ideal for use in general filtration or medical assays
- High wick rates (lateral flow), substances move quickly through the membrane
- Uniform pore structure provides consistent flow and diffusion rates
- Superior strength, withstands aggressive handling or can be used with automated equipment without breaking or tearing
- Exceptional sensitivity, detects low-level components
- Lot-to-lot consistency, quality checks produce dependable results every time

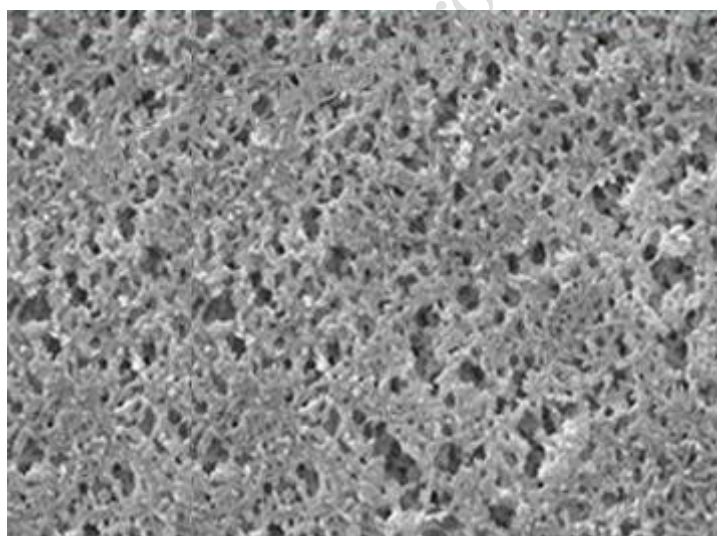
Order Information



Cat. No	Description	PackagePcs /Pk
M13MCE022	MCE Membrane Filter, Pore:0.22(μ m), Diameter:13(mm)	400
M25MCE022	MCE Membrane Filter, Pore:0.22(μ m), Diameter:25(mm)	200
M37MCE022	MCE Membrane Filter, Pore:0.22(μ m), Diameter:37(mm)	200
M47MCE022	MCE Membrane Filter, Pore:0.22(μ m), Diameter47(mm)	200
M90MCE022	MCE Membrane Filter, Pore:0.22(μ m), Diameter:90(mm)	100
M142MCE022	MCE Membrane Filter,Pore:0.22(μ m), Diameter:142(mm)	50
M13MCE045	MCE Membrane Filter, Pore:0.45(μ m), Diameter:13(mm)	400
M25MCE045	MCE Membrane Filter, Pore:0.45(μ m), Diameter:25(mm)	200
M37MCE045	MCE Membrane Filter, Pore:0.45(μ m), Diameter:37(mm)	200
M47MCE045	MCE Membrane Filter, Pore:0.45(μ m), Diameter47(mm)	200
M90MCE045	MCE Membrane Filter, Pore:0.45(μ m), Diameter:90(mm)	100
M142MCE045	MCE Membrane Filter,Pore:0.45(μ m), Diameter:142(mm)	50

*Other pore size are also available.

Nylon Membrane Filters



Application

- Bacterial removal
- Biosensors
- HPLC flowing particle removal
- Drug filtration
- Organic solvents filtration
- IV filters
- Lateral flow assays
- Particulate removal

Performance Characteristics



Pore Size	0.1 µm	0.2 µm	0.45 µm	0.6 µm	0.8 µm	1.2 µm	5.0 µm	8.0 µm
Minimum Bubble Point, psi (kg/cm ²)	60(4.3 2)	40(2. 8)	26(1. 8)	18(1. 2)	12(0. 9)	10(0.7 7)	6(0.4 2)	4(0.3 5)
Typical Flow Rate, mL/min/cm ² @10psi (0.7 kg/cm ²)	3.7	9	25	55	80	180	320	550

Order Information

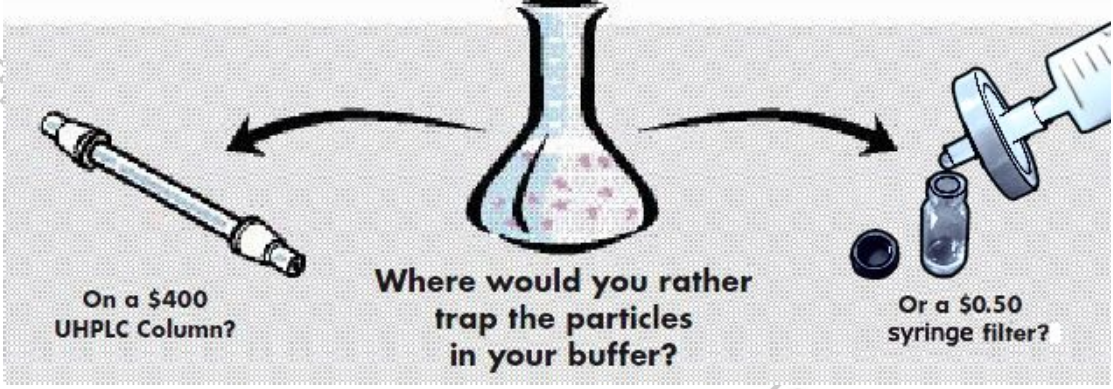
Cata No.	Description	Package(Pcs/pk)
M013-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:13(mm)	400
M025-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:25(mm)	200
M047-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:47(mm)	200
M090-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:90(mm)	100
M142-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:142(mm)	50
M293-NY022	Nylon Membrane Filter, Pore:0.22(µm), Diameter:293(mm)	25
M013-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:13(mm)	400
M025-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:25(mm)	200
M047-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:47(mm)	200
M090-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:90(mm)	100
M142-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:142(mm)	50
M293-NY045	Nylon Membrane Filter, Pore:0.45(µm), Diameter:293(mm)	25

*Other pore size are also available.



EasyFil™ Syringe Filter

Why To use a syringe filter?



How to select your sample preparation device?

Step 1: Choose the suitable membrane filtration medium Characteristics of samples

Solutions	Recommended
Solvent Mixtures	Nylon, Hydrophilic PTFE,
Tissue culture Media, Buffers, Protein Analysis/ Biological Samples	CA, PES, MCE, Hydrophilic PVDF
High Particulate Loads	PP,GF, Filter with pre-filter
Aggressive or Pure Organic Solvents	Hydrophobic PTFE, PVDF

Step2: choose the suitable diameter

Volume of samples	Recommend
<10ml	13mm
<100ml	25mm

Step 3: Choose the suitable pore size based on the nature of your sample

- Removal of high particulate matter with a pre filter is critical before any drug, toxic, or dirty environmental sample is filtered to ensure the highest syringe filter membrane performance.
- Generally, 0.45 µm porosity filters are used to remove particulates from samples and mobile phase solutions. For Sterile-filtration, a 0.20 µm porosity filter can be used.

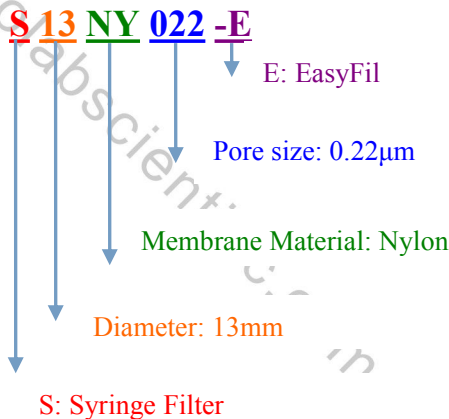




Microlab Scientific Co., Ltd



Easyfil™ syringe filters are well packed, with competitive price filters. The membranes range from Nylon, CA, MCE, PES, PTFE, PVDF to PP, which are supplied in 13mm and 25mm no virgin medical PP housings.

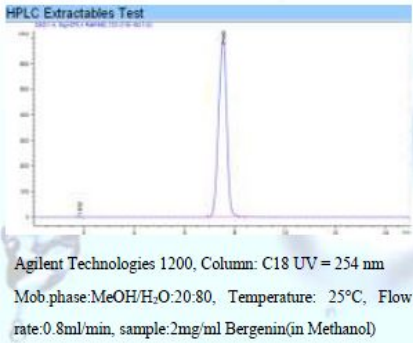


Features

- Color coding of each unit for easy identification
- Added sample distribution ring
- Resistance high pressure
- Only Layer Membrane Structure, less dissolution content
- Passed HPLC Test



Validated HPLC Performance



Specification

Parameters	13mm		25mm	
Filtration area (cm ²)	0.92		2.98	
Normal Pore Size(µm)	0.22	0.45	0.22	0.45
Holdup volume (µl)	<10		<100	
Sample volume (ml)	<10		<120	
Inlet/Outlet	Female luer lock/Male luer slip			
Maximum Operating Temperature	50°C		50°C	
Maximum Operating Pressure (psi)	>87		>87	





Order Information:



Nylon Syringe Filter

- Hydrophilic property
- Uniform aperture
- Excellent chemical stability and flexibility, durable
- Suitable for filtration of aqueous and most organic solvents
- Compatibility with various sterilizing methods

Part No	Diameter	Pore Size	Wettability	Package	Package
S13NY022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13NY045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25NY022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25NY045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag

- Strong Hydrophobic property
- Broad solvent chemical compatibility
- Excellent particle retention
- Suitable for filtration all Organic solutions, even for acetone, DMSO, THF, etc. and Gas filtration
- Compatibility with various sterilizing methods
- Normally used with pH range 1-14



PTFE Syringe Filter
Hydrophobic

Part No	Diameter	Pore Size	Wettability	Package	Package
S13PTB022E	13mm	0.22	Hydrophobic	100pcs/box	1000/bag
S13PTB045E	13mm	0.45	Hydrophobic	100pcs/box	1000/bag
S25PTB022E	25mm	0.22	Hydrophobic	100pcs/box	1000/bag
S25PTB045E	25mm	0.45	Hydrophobic	100pcs/box	1000/bag



PVDF Syringe Filter
Hydrophobic

- Hydrophobic property
- High mechanical and tensile strength
- Broad chemical and temperature resistance
- Suitable for the filtration of gas, steam and high temperature liquids.
- Compatibility with various sterilizing methods
- Normally used with pH range 2-13.

Part No	Diameter	Pore Size	Wettability	Package	Package
S13PVB022E	13mm	0.22	Hydrophobic	100pcs/box	1000/bag
S13PVB045E	13mm	0.45	Hydrophobic	100pcs/box	1000/bag
S25PVB022E	25mm	0.22	Hydrophobic	100pcs/box	1000/bag
S25PVB045E	25mm	0.45	Hydrophobic	100pcs/box	1000/bag





- Hydrophilic property
- High flow rate and high Throughputs
- Low protein binding
- Low in extractables,
- Suitable for removing small particles, bacteria, viruses and fungi from aqueous phase.
- Normally used with PH 3-12.



PES Syringe Filter

Part No	Diameter	Pore Size	Wettability	Package	Package
S13PES022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13PES045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25PES022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25PES045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag



CA Syringe Filter

- Hydrophilic property
- Low protein binding: suitable for aqueous protein solutions
- Nitrate free: suitable for groundwater filtration
- Quiet uniform pore size structure
- Extensive pore size specification
- Cell retention and particle collection

Part No	Diameter	Pore Size	Wettability	Package	Package
S13CA022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13CA045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25CA022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25CA045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag

- Special treated PTFE with Hydrophilic property
- Broad chemical resistance,
- Excellent particle retention
- Compatibility with various sterilizing methods
- Suitable for filtration all solutions, even for acetone, DMSO, THF, etc.
- Normally used with pH range 1-14



PTFE Syringe Filter
(Hydrophilic)





Part No	Diameter	Pore Size	Wettability	Package	Package
S13PTL022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13PTL045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25PTL022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25PTL045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag



MCE Syringe Filter

- Better hydrophilic property
- Low protein binding
- Great water flux and better cutoff effect
- Ideal for aqueous based samples, tissue culture and sensitive biological samples
- Has a lower chemical resistance
- Autoclave: sterilized by dry heat at 121°C for 15 mins

Part No	Diameter	Pore Size	Wettability	Package	Package
S13MCE022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13MCE045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25MCE022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25MCE045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag

- Hydrophobic property
- 100% polypropylene construction
- Excellent for difficult-to-filter dissolution samples
- Acid and base resistant
- Wide Chemical compatibility with solvents
- High throughput for viscous samples



PP Syringe Filter

Part No	Diameter	Pore Size	Wettability	Package	Package
S13PP022E	13mm	0.22	Hydrophilic	100pcs/box	1000/bag
S13PP045E	13mm	0.45	Hydrophilic	100pcs/box	1000/bag
S25PP022E	25mm	0.22	Hydrophilic	100pcs/box	1000/bag
S25PP045E	25mm	0.45	Hydrophilic	100pcs/box	1000/bag

Note: More Pore Sizes are available.

General Questions, Please contact info@microlabscientific.com

Technique Questions, Please contact support@microlabscientific.com





Chemical Compatibility Table

Note: +: Resistant o: Limited Resistant -: Not Resistant

Solvent	MCE	CA	NY	PTFE	H-PTF	PVDF	PES	GF	PP
Acetaldehyde	-	-	o	+	+	+		+	o
Acetic acid, 100 %	-	-	-	+	+	+	+	+	+
Acetone	-	-	+	+	+	-	-	+	+
Acetonitrile	-	-	+	+	+	+	+	+	+
Ammonia, 25 %	-	-	-	+	+	+	+	+	+
Benzene	+	+	+	+	+	o		+	o
n-Butanol	+	+	o	+	+	+	+	+	+
Cyclohexane	+	+	o	+	+	+	+	+	+
Dichloromethane	+	-	-	+	+	+	-	+	-
Diethyl ether	o	o	+	+	+	+	+	+	o
Dimethylformamide	-	-	+	+	+	-	-	+	+
1,4-Dioxane	-	-	+	+	+	o	-	+	o
Ethanol	-	+	+	+	+	+	+	+	+
Ethyl acetate	-	-	+	+	+	+	+	+	o
Ethylene glycol	o	o	+	+	+	+	+	+	+
Formic acid, 100 %	+	-	-	+	+	+	+	+	+
Hydrochloric acid, 30 %	-	-	-	+	+	+	+	+	+
Methanol	-	-	+	+	+	+	+	+	+
Nitric acid, 65 %	-	-	-	o	o	o		+	-
Oxalic acid, 10 % aqueous	+	-	-	+	+	+		+	+
Petroleum ether	+	+	+	+	+	+	+	+	+
Phosphoric acid, 80 %	-	-	-	+	+	o		+	+
Potassium hydroxyde,	-	-	+	+	+	o	+	+	+
2-Propanol	+	+	+	+	+	+	+	+	+
Sodium hydroxyde, 1 mol/L	-	-	+	+	+	o	o	o	+
Tetrachloromethane	+	-	+	+	+	o		+	o
Tetrahydrofuran	-	-	o	+	+	+	-	+	o
Toluene	+	-	+	+	+	+	+	+	o
Trichloroethene	+	+	o	+	+	+		+	o
Trichloromethane	+	-	-	+	+	+	-	+	-
Urea	+	+	+	+	+	+		+	+
Water	+	+	+	+	+	+	+	+	+
Xylene	+	+	+	+	+	o		+	o

