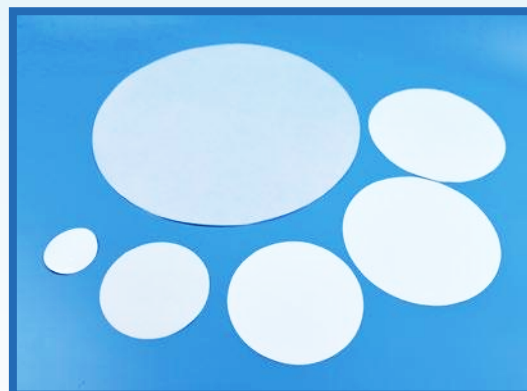


Membrane Disc Filter



Description

Micro-filtration is one kind of physical filtration process where a contaminated fluid is passed through a special pore size membrane to separate micro-organisms and suspended particles from process liquid or gas. The typical pore size used for micro-filtration ranges from about 0.1 to 10µm. Biologix® offers full membrane media type for various solvents or liquid or gas, including PES, MCE, Nylon, PVDF, PTFE, PP, CA, the disc diameter ranges from 13mm to 293mm, which are manufactured in ISO 9001 certified facility. Non-sterile disc filter and sterile disc filter are both available.



Membrane Media selection

Membrane Media	Features	Application
MCE	High porosity, good filtration retention not resistant to organic liquids and strong acid and alkali solutions.	① Filtration of sterilization and degranulation in experiments and small production processes ② Determination of coliform bacteria in water ③ The 2-micron and 5-micron membranes are also used for oil filtration
Nylon	Resistant to alkalis and organic liquids, naturally hydrophilic	① Liquid clarification and sterilization and particle filtration ② Filtration of photoresist in the electronics industry ③ Filtration of various solvents and liquid medicines
CA	low protein adsorption	① Suitable for filtration of low molecular weight alcohols and oil solutions ② Analysis and determination of special ingredients in scientific research
PES	High flux, low protein adsorption	① Medicine: filtration of organisms and serum, terminal filtration of antibiotics in large infusions ② Food: terminal filtration of beverages, wine, etc. ③ Ultrapure water terminal filtration
PVDF	High thermal resistance, Hydrophobic and hydrophilic available, Low protein binding	① Solvents such as alcohols, acids, alkanes, aromatic hydrocarbons, halogenated hydrocarbons, etc. remove particles and improve the reagent level ② Purification of suspended particles in the air and air sterilization in the fermentation industry ③ Purification of insolubles in oil and gravimetric analysis of solid particles ④ Separation and purification of non-specific proteins ⑤ Concentration of aqueous solution, separation and recovery of chemical substances
PTFE	Broad chemical compatibility, Hydrophobic and hydrophilic available, pH range: 1-14	① For the clarification and filtration of strong acid and alkali ② Filtration of high temperature liquids and special chemical reagents ③ Clarification and filtration of air or various gases
PP	Resistant to strong acid and alkali and various organic solvents, natural hydrophobic filter media	① Pre-filtration for chemical laboratory analysis ② Can be used with other terminal filters ③ Suitable for conventional filtration of organic solvents with high particle content

Specification & Parameters

Membrane Media	Nylon/PTFE/PES/CA/PVDF/MCE/CN/PP
Diameter (mm)	13/25/47/50/90/142/293... more Customized diameters can be offered
Pore size (µm)	0.1/0.22/0.45/0.8/1/3/5/10...

* More diameter and pore size is available, pls contact Biologix S sales manager.

* Non-sterile and Sterile version are both available

USA Address: 931 VIA ALONDRA, CAMARILLO, CA 93012, UNITED STATES

Telephone: +1-805-586-6718
Email: customercare@biologixusa.com

China

Address: No. 2766 YingXiu Road, Jinan, Shandong, China

Phone: + 86-158-0665-3738

Fax: +86-531-67803-7688 Inquiry@BiologixGroup.com www.BiologixGroup.com

Membrane Disc Filter



Ordering information

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY02002	25mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	200
LMNY02045	25mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	200
LMPTFE02028	25mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	200
LMPTFE02048	25mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	200
LMPTFE0202L	25mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	200
LMPTFE0204L	25mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	200
LMPE02002	25mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	200
LMPE02045	25mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	200
LMPVDF02028	25mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.22µm (pore size)	200
LMPVDF02048	25mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.45µm (pore size)	200
LMPVDF0202L	25mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.22µm (pore size)	200
LMPVDF0204L	25mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.45µm (pore size)	200
LMCA02002	25mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22 µm (pore size)	200
LMCA02045	25mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45 µm (pore size)	200
LMKE02002	25mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	200
LMKE02045	25mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	200
LMCN02002	25mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22 µm (pore size)	200
LMCN02045	25mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45 µm (pore size)	200
LMPP02002	25mm Membrane Disc Filters, PP (media), Hydrophilic, 0.22 µm (pore size)	200
LMPP02045	25mm Membrane Disc Filters, PP (media), Hydrophilic, 0.45 µm (pore size)	200

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY47022	47mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	200
LMNY47045	47mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	200
LMPTFE47028	47mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	200
LMPTFE47048	47mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	200
LMPTFE4702L	47mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	200
LMPTFE4704L	47mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	200
LMPE04702	47mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	200
LMPE04745	47mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	200
LMPVDF47028	47mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.22µm (pore size)	200
LMPVDF47048	47mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.45µm (pore size)	200
LMPVDF4702L	47mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.22µm (pore size)	200
LMPVDF4704L	47mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.45µm (pore size)	200
LMCA4702	47mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22 µm (pore size)	200
LMCA47045	47mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45 µm (pore size)	200
LMKE04702	47mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	200
LMKE04745	47mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	200
LMCN4702	47mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22 µm (pore size)	200
LMCN47045	47mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45 µm (pore size)	200

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY00002	50mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	200
LMNY00045	50mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	200
LMPTFE00028	50mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	200
LMPTFE00048	50mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	200
LMPTFE0002L	50mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	200
LMPTFE0004L	50mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	200
LMPE00002	50mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	200
LMPE00045	50mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	200
LMPVDF00028	50mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.22µm (pore size)	200
LMPVDF00048	50mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.45µm (pore size)	200
LMPVDF0002L	50mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.22µm (pore size)	200
LMPVDF0004L	50mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.45µm (pore size)	200
LMCA00002	50mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22 µm (pore size)	200
LMCA00045	50mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45 µm (pore size)	200
LMKE00002	50mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	200
LMKE00045	50mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	200
LMCN00002	50mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22 µm (pore size)	200
LMCN00045	50mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45 µm (pore size)	200

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY00002	90mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	100
LMNY00045	90mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	100
LMPTFE00028	90mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	50
LMPTFE00048	90mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	50
LMPTFE0002L	90mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	50
LMPTFE0004L	90mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	50
LMPE00002	90mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	50
LMPE00045	90mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	50
LMPVDF00028	90mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.22µm (pore size)	50
LMPVDF00048	90mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.45µm (pore size)	50
LMPVDF0002L	90mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.22µm (pore size)	50
LMPVDF0004L	90mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.45µm (pore size)	50
LMCA00002	90mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22 µm (pore size)	50
LMCA00045	90mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45 µm (pore size)	50
LMKE00002	90mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	50
LMKE00045	90mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	50
LMCN00002	90mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22 µm (pore size)	50
LMCN00045	90mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45 µm (pore size)	50

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY14202	142mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	50
LMNY14245	142mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	50
LMPTFE142028	142mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	50
LMPTFE142048	142mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	50
LMPTFE14202L	142mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	50
LMPTFE14204L	142mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	50
LMPE14202	142mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	50
LMPE14245	142mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	50
LMPVDF142028	142mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.22µm (pore size)	50
LMPVDF142048	142mm Membrane Disc Filters, PVDF (media), Hydrophobic, 0.45µm (pore size)	50
LMPVDF14202L	142mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.22µm (pore size)	50
LMPVDF14204L	142mm Membrane Disc Filters, PVDF (media), Hydrophilic, 0.45µm (pore size)	50
LMCA14202	142mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22µm (pore size)	50
LMCA14245	142mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45µm (pore size)	50
LMKE14202	142mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	50
LMKE14245	142mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	50
LMCN14202	142mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22µm (pore size)	50
LMCN14245	142mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45µm (pore size)	50

ITEM	DESCRIPTION	PCS PER BO
Membrane Disc Filters		
LMNY20002	200mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.22µm (pore size)	25
LMNY20045	200mm Membrane Disc Filters, Nylon (media), Hydrophilic, 0.45µm (pore size)	25
LMPTFE200028	200mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.22µm (pore size)	10
LMPTFE200048	200mm Membrane Disc Filters, PTFE (media), Hydrophobic, 0.45µm (pore size)	10
LMPTFE20002L	200mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.22µm (pore size)	10
LMPTFE20004L	200mm Membrane Disc Filters, PTFE (media), Hydrophilic, 0.45µm (pore size)	10
LMPE20002	200mm Membrane Disc Filters, PES (media), Hydrophilic, 0.22µm (pore size)	25
LMPE20045	200mm Membrane Disc Filters, PES (media), Hydrophilic, 0.45µm (pore size)	25
LMCA20002	200mm Membrane Disc Filters, CA (media), Hydrophilic, 0.22µm (pore size)	25
LMCA20045	200mm Membrane Disc Filters, CA (media), Hydrophilic, 0.45µm (pore size)	25
LMKE20002	200mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.22µm (pore size)	25
LMKE20045	200mm Membrane Disc Filters, MCE (media), Hydrophilic, 0.45µm (pore size)	25
LMCN20002	200mm Membrane Disc Filters, CN (media), Hydrophilic, 0.22µm (pore size)	25
LMCN20045	200mm Membrane Disc Filters, CN (media), Hydrophilic, 0.45µm (pore size)	25

- * Other pore size e.g.0.1/0.45/0.8/1.0/1.2/3/5/10µm are available, please contact Biologix Sales manager.
- * Customized diameter can be offered, please contact with Biologix Sales manager.
- * Sterile version is also available to offer, please contact with Biologix Sales manager.

USA

Address: 931 VIA ALONDRA, CAMARILLO, CA 93012, UNITED STATES

Telephone: +1-805-586-6718

Email: customer@biologixusa.com

China

Address: Address: No. 2766 YingXiu Road, Jinan, Shandong, China Phone: + 86-158-0665-3738

Fax: +86-531-67803-7688 Inquiry@BiologixGroup.com www.BiologixGroup.com