Membrane Filter

Hawach Scientific membrane filters are a thin, polymeric film made up of millions of microscopic pores. Membrane 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 Disc Filters are pre-cut membrane filters which produced using the highest quality manufacturing standards and optimized to increase efficiency, reduce cost, and expand the capabilities of your laboratory-scale applications. It gives consistent and reliable results that optimized for HPLC media preparation, pharmaceuticals and cold sterilization.

We offer different kinds of membranes according to customers application needs which are available in variety of polymers, pore sizes, diameters and surface types. Most membranes can be sterilized by autoclave or non-sterile. Besides, customize is also available.

Selecting Right Membrane Filter

1. Clearly define your application requirements
2. Choose a compatible membrane
3. Select the most effective and efficient pore size

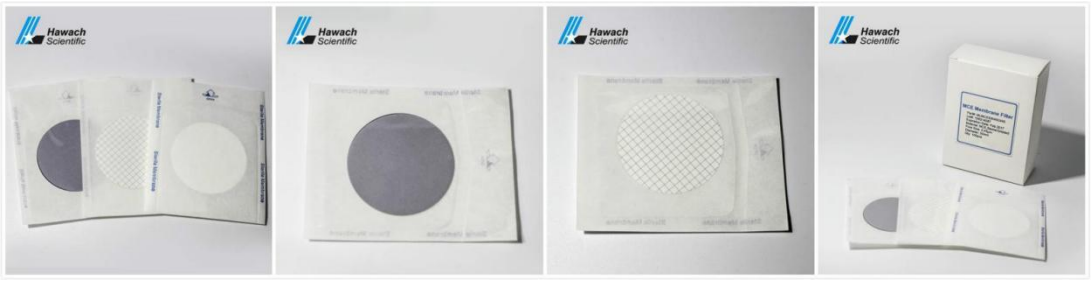
Selecting Membranes for Your Applications

1. Determine the particle size to be retained or filtered. Membrane will retain all particles equal to and larger than their designated pore size.
2. Assess the chemical compatibility of the membrane filter with the liquid or gas to be filtered. Consider the chemical resistance properties of all parts that will contact the filter.
3. Consider hydrophilic or hydrophobic membrane; temperature, flow rate, throughput, and sterilization needs.

Sterile MCE Gridded Membrane Filter-Individually Packed

Mixed Cellulose Ester (MCE) membrane filter is composed of cellulose acetate and cellulose nitrate. Because MCE membrane is biologically inset, it is one of the most widely used membrane in analytical and research applications. Many microbiological techniques include Colony Counting after incubation as the standard method of quantification. Gridded filters have clearly defined grid lines spaced at 3.1mm intervals. The special link use non-toxic and completely free from bacterial growth inhibitors. Special color contrast provided by the membrane surface

facilitates particle detection and minimize eye fatigue. It is ideal for Colony Counting and Sterility Testing, and the recovery and retention of bacteria in water/waste water analysis and other microbiological tests.



Features

*Hydrophilic membrane
*High flow rate for faster filtration and high binding capacity
*Diameter: 25mm, 47mm, 50mm
*Pore Size: 0.22um , 0.45um, 0.80um
*Clearly defined grid lines spaced at 3.1mm intervals
*Gamma irradiated for sterilization
*Individualy sealed with easy-open white separator paper

Continuously Packed Sterile MCE Gridded Membrane Filter

Features

- ✧ Compatibility: Ideal for use with Millipore DISPENSER;
- ✧ Product Usage: Versatile application suitable for a wide range of needs;
- ✧ Hydrophilicity: Demonstrates exceptional hydrophilic properties;
- ✧ Gamma Ray Sterilization: Guaranteed through rigorous gamma ray sterilization processes;
- ✧ Continuous Sterilization Packaging: Ensures sustained sterility with continuous packaging techniques;
- ✧ Diaphragms with Grids: Specifically tailored for microbial analysis, these diaphragms feature precise pore sizes of 0.22μm, 0.45μm, and 0.8μm, ensuring accurate and reliable results.

Cat#	Description	Package (pcs/pk)
	47mm, White	
11152901	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.22(μm), 47(mm), 150pcs/pk	150
11152034	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.45(μm), 47(mm), 150pcs/pk	150
11152902	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.8(μm), 47(mm), 150pcs/pk	150
	50mm, White	
11152903	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.22(μm), 50(mm), 150pcs/pk	150
11152904	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.45(μm), 50(mm), 150pcs/pk	150
11152905	MCE Membrane Filter, White, Gridded, Sterile, Continuously Packed, 0.8(μm), 50(mm), 150pcs/pk	150
	47mm, Black	
11152906	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.22(μm), 47(mm), 150pcs/pk	150
11152036	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.45(μm), 47(mm), 150pcs/pk	150
11152907	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.8(μm), 47(mm), 150pcs/pk	150
	50mm, Black	
11152908	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.22(μm), 50(mm), 150pcs/pk	150
11152909	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.45(μm), 50(mm), 150pcs/pk	150
11152910	MCE Membrane Filter, Black, Gridded, Sterile, Continuously Packed, 0.8(μm), 50(mm), 150pcs/pk	150

Ordering Information for Membrane Filter Disc

Note:

Each membrane material can be customized to accommodate specific dimensions;

For details, please consult our sales team.

Cat#	Description	Package (pcs/pk)
MCE Gridded Membrane Filter		
MCE Membrane Filter, White, Gridded, Sterile, Individual Packed		
13mm		
11152001	MCE Membrane Filter, White, Gridded, Sterile,	200

	Individual Packed, 0.22(μm), 13(mm), 200pcs/pk	
11152002	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.45(μm), 13(mm), 200pcs/pk	200
11152003	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.8(μm), 13(mm), 200pcs/pk	200
25mm		
11152004	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.22(μm), 25(mm), 100pcs/pk	100
11152005	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.45(μm), 25(mm), 100pcs/pk	100
11152006	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.8(μm), 25(mm), 100pcs/pk	100
28mm		
11152007	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.22(μm), 28(mm), 100pcs/pk	100
11152008	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.45(μm), 28(mm), 100pcs/pk	100
11152009	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.8(μm), 28(mm), 100pcs/pk	100
47mm		
11152010	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.22(μm), 47(mm), 100pcs/pk	100
11152011	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.45(μm), 47(mm), 100pcs/pk	100
11152012	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.8(μm), 47(mm), 100pcs/pk	100
50mm		
11152013	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.22(μm), 50(mm), 100pcs/pk	100
11152014	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.45(μm), 50(mm), 100pcs/pk	100
11152015	MCE Membrane Filter, White, Gridded, Sterile, Individual Packed, 0.8(μm), 50(mm), 100pcs/pk	100
MCE Membrane Filter with Pad, White, Gridded, Sterile, Individual Packed		
47mm		
11152016	MCE Membrane Filter with Pad, White, Gridded, Sterile, Individual Packed, 0.22(μm), 47(mm), 30pcs/pk	30
11152017	MCE Membrane Filter with Pad, White, Gridded, Sterile, Individual Packed, 0.45(μm), 47(mm), 30pcs/pk	30

11152018	MCE Membrane Filter with Pad, White, Gridded, Sterile, Individual Packed, 0.8(μm), 47(mm), 30pcs/pk	30
MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed		
13mm		
11152019	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.22(μm), 13(mm), 200pcs/pk	200
11152020	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.45(μm), 13(mm), 200pcs/pk	200
11152021	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.8(μm), 13(mm), 200pcs/pk	200
25mm		
11152022	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.22(μm), 25(mm), 100pcs/pk	100
11152023	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.45(μm), 25(mm), 100pcs/pk	100
11152024	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.8(μm), 25(mm), 100pcs/pk	100
47mm		
11152025	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.22(μm), 47(mm), 100pcs/pk	100
11152026	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.45(μm), 47(mm), 100pcs/pk	100
11152027	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.8(μm), 47(mm), 100pcs/pk	100
50mm		
11152028	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.22(μm), 50(mm), 100pcs/pk	100
11152029	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.45(μm), 50(mm), 100pcs/pk	100
11152030	MCE Membrane Filter, Black, Gridded, Sterile, Individual Packed, 0.8(μm), 50(mm), 100pcs/pk	100
MCE Membrane Filter with Pad, Black, Gridded, Sterile, Individual Packed		
47mm		
11152031	MCE Membrane Filter with Pad, Black, Gridded, Sterile, Individual Packed, 0.22(μm), 47(mm), 30pcs/pk	30
11152032	MCE Membrane Filter with Pad, Black, Gridded, Sterile, Individual Packed, 0.45(μm), 47(mm), 30pcs/pk	30
11152033	MCE Membrane Filter with Pad, Black, Gridded, Sterile, Individual Packed, 0.8(μm), 47(mm), 30pcs/pk	30
Nylon Membrane Filter (0.1μm, 0.22μm, 0.45μm, 0.8μm, 3.0μm, 5.0μm)		

0.1μm		
11137201	Nylon Membrane Filter, 0.1(μm), 13(mm), 400pcs/pk	400
11137202	Nylon Membrane Filter, 0.1(μm), 25(mm), 200pcs/pk	200
11137203	Nylon Membrane Filter, 0.1(μm), 47(mm), 100pcs/pk	100
11137204	Nylon Membrane Filter, 0.1(μm), 50(mm), 100pcs/pk	100
11137205	Nylon Membrane Filter, 0.1(μm), 60(mm), 50pcs/pk	50
11137206	Nylon Membrane Filter, 0.1(μm), 90(mm), 50pcs/pk	50
11137207	Nylon Membrane Filter, 0.1(μm), 142(mm), 50pcs/pk	50
11137210	Nylon Membrane Filter, 0.1(μm), 293(mm), 50pcs/pk	50
0.22μm		
11137212	Nylon Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11137213	Nylon Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11137214	Nylon Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11137215	Nylon Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11137216	Nylon Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11137217	Nylon Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11137218	Nylon Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
11137221	Nylon Membrane Filter, 0.22(μm), 293(mm), 50pcs/pk	50
0.45μm		
11137223	Nylon Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11137224	Nylon Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11137225	Nylon Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11137226	Nylon Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11137227	Nylon Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11137228	Nylon Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11137229	Nylon Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
11137232	Nylon Membrane Filter, 0.45(μm), 293(mm), 50pcs/pk	50
0.8μm		
11137234	Nylon Membrane Filter, 0.8(μm), 13(mm), 400pcs/pk	400
11137235	Nylon Membrane Filter, 0.8(μm), 25(mm), 200pcs/pk	200
11137236	Nylon Membrane Filter, 0.8(μm), 47(mm), 100pcs/pk	100
11137237	Nylon Membrane Filter, 0.8(μm), 50(mm), 100pcs/pk	100
11137238	Nylon Membrane Filter, 0.8(μm), 60(mm), 50pcs/pk	50
11137239	Nylon Membrane Filter, 0.8(μm), 90(mm), 50pcs/pk	50
11137240	Nylon Membrane Filter, 0.8(μm), 142(mm), 50pcs/pk	50
11137243	Nylon Membrane Filter, 0.8(μm), 293(mm), 50pcs/pk	50

3.0μm		
11137245	Nylon Membrane Filter, 3.0(μm), 13(mm), 400pcs/pk	400
11137246	Nylon Membrane Filter, 3.0(μm), 25(mm), 200pcs/pk	200
11137247	Nylon Membrane Filter, 3.0(μm), 47(mm), 100pcs/pk	100
11137248	Nylon Membrane Filter, 3.0(μm), 50(mm), 100pcs/pk	100
11137249	Nylon Membrane Filter, 3.0(μm), 60(mm), 50pcs/pk	50
11137250	Nylon Membrane Filter, 3.0(μm), 90(mm), 50pcs/pk	50
11137251	Nylon Membrane Filter, 3.0(μm), 142(mm), 50pcs/pk	50
11137254	Nylon Membrane Filter, 3.0(μm), 293(mm), 50pcs/pk	50
5.0μm		
11137256	Nylon Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11137257	Nylon Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11137258	Nylon Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11137259	Nylon Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11137260	Nylon Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11137261	Nylon Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11137262	Nylon Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
11137265	Nylon Membrane Filter, 5.0(μm), 293(mm), 50pcs/pk	50
PTFE Membrane Filter (Hydrophobic) (0.1μm, 0.22μm, 0.45μm, 5.0μm)		
0.1μm		
11147101	Hydrophobic PTFE Membrane Filter, 0.1(μm), 13(mm), 400pcs/pk	400
11147103	Hydrophobic PTFE Membrane Filter, 0.1(μm), 25(mm), 200pcs/pk	200
11147104	Hydrophobic PTFE Membrane Filter, 0.1(μm), 47(mm), 100pcs/pk	100
11147105	Hydrophobic PTFE Membrane Filter, 0.1(μm), 50(mm), 100pcs/pk	100
11147106	Hydrophobic PTFE Membrane Filter, 0.1(μm), 60(mm), 50pcs/pk	50
11147107	Hydrophobic PTFE Membrane Filter, 0.1(μm), 90(mm), 50pcs/pk	50
11147110	Hydrophobic PTFE Membrane Filter, 0.1(μm), 142(mm), 50pcs/pk	50
0.22μm		
11147114	Hydrophobic PTFE Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11147116	Hydrophobic PTFE Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11147117	Hydrophobic PTFE Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11147118	Hydrophobic PTFE Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11147119	Hydrophobic PTFE Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11147120	Hydrophobic PTFE Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11147123	Hydrophobic PTFE Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		

11147127	Hydrophobic PTFE Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11147129	Hydrophobic PTFE Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11147130	Hydrophobic PTFE Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11147131	Hydrophobic PTFE Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11147132	Hydrophobic PTFE Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11147133	Hydrophobic PTFE Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11147136	Hydrophobic PTFE Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
5.0μm		
11147140	Hydrophobic PTFE Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11147142	Hydrophobic PTFE Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11147143	Hydrophobic PTFE Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11147144	Hydrophobic PTFE Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11147145	Hydrophobic PTFE Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11147146	Hydrophobic PTFE Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11147149	Hydrophobic PTFE Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
PTFE Membrane Filter (Hydrophilic) (0.1μm, 0.22μm, 0.45μm, 1.0μm, 5.0μm)		
0.1μm		
11148209	Hydrophilic PTFE Membrane Filter, 0.1(μm), 13(mm), 400pcs/pk	400
11148210	Hydrophilic PTFE Membrane Filter, 0.1(μm), 25(mm), 200pcs/pk	200
11148211	Hydrophilic PTFE Membrane Filter, 0.1(μm), 47(mm), 100pcs/pk	100
11148212	Hydrophilic PTFE Membrane Filter, 0.1(μm), 90(mm), 50pcs/pk	50
0.22μm		
11147212	Hydrophilic PTFE Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11147213	Hydrophilic PTFE Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11147214	Hydrophilic PTFE Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11147215	Hydrophilic PTFE Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11147216	Hydrophilic PTFE Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11147217	Hydrophilic PTFE Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11147219	Hydrophilic PTFE Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		
11147223	Hydrophilic PTFE Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11147224	Hydrophilic PTFE Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11147225	Hydrophilic PTFE Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11147226	Hydrophilic PTFE Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11147227	Hydrophilic PTFE Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11147228	Hydrophilic PTFE Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11147230	Hydrophilic PTFE Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50

1.0μm		
11148213	Hydrophilic PTFE Membrane Filter, 1.0(μm), 13(mm), 400pcs/pk	400
11148214	Hydrophilic PTFE Membrane Filter, 1.0(μm), 25(mm), 200pcs/pk	200
11148215	Hydrophilic PTFE Membrane Filter, 1.0(μm), 47(mm), 100pcs/pk	100
11148216	Hydrophilic PTFE Membrane Filter, 1.0(μm), 90(mm), 50pcs/pk	50
5.0μm		
11147245	Hydrophilic PTFE Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11147246	Hydrophilic PTFE Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11147247	Hydrophilic PTFE Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11147248	Hydrophilic PTFE Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11147249	Hydrophilic PTFE Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11147250	Hydrophilic PTFE Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11147252	Hydrophilic PTFE Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
MCE Membrane Filter, White (0.22μm, 0.45μm, 0.65μm, 0.8μm, 3.0μm, 5.0μm)		
0.22μm		
11157244	MCE Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11157245	MCE Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11157246	MCE Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11157247	MCE Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11157248	MCE Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11157249	MCE Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11157250	MCE Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
11157253	MCE Membrane Filter, 0.22(μm), 293(mm), 50pcs/pk	50
0.45μm		
11157254	MCE Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11157255	MCE Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11157256	MCE Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11157257	MCE Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11157258	MCE Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11157259	MCE Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11157260	MCE Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
11157263	MCE Membrane Filter, 0.45(μm), 293(mm), 50pcs/pk	50
0.65μm		
11157201	MCE Membrane Filter, 0.65(μm), 13(mm), 400pcs/pk	400
11157202	MCE Membrane Filter, 0.65(μm), 25(mm), 200pcs/pk	200
11157203	MCE Membrane Filter, 0.65(μm), 47(mm), 100pcs/pk	100

11157204	MCE Membrane Filter, 0.65(μm), 50(mm), 100pcs/pk	100
11157205	MCE Membrane Filter, 0.65(μm), 60(mm), 50pcs/pk	50
11157206	MCE Membrane Filter, 0.65(μm), 90(mm), 50pcs/pk	50
11157207	MCE Membrane Filter, 0.65(μm), 142(mm), 50pcs/pk	50
0.8μm		
11157211	MCE Membrane Filter, 0.8(μm), 13(mm), 400pcs/pk	400
11157212	MCE Membrane Filter, 0.8(μm), 25(mm), 200pcs/pk	200
11157213	MCE Membrane Filter, 0.8(μm), 47(mm), 100pcs/pk	100
11157214	MCE Membrane Filter, 0.8(μm), 50(mm), 100pcs/pk	100
11157215	MCE Membrane Filter, 0.8(μm), 60(mm), 50pcs/pk	50
11157216	MCE Membrane Filter, 0.8(μm), 90(mm), 50pcs/pk	50
11157217	MCE Membrane Filter, 0.8(μm), 142(mm), 50pcs/pk	50
3.0μm		
11157221	MCE Membrane Filter, 3.0(μm), 13(mm), 400pcs/pk	400
11157222	MCE Membrane Filter, 3.0(μm), 25(mm), 200pcs/pk	200
11157223	MCE Membrane Filter, 3.0(μm), 47(mm), 100pcs/pk	100
11157224	MCE Membrane Filter, 3.0(μm), 50(mm), 100pcs/pk	100
11157225	MCE Membrane Filter, 3.0(μm), 60(mm), 50pcs/pk	50
11157226	MCE Membrane Filter, 3.0(μm), 90(mm), 50pcs/pk	50
11157227	MCE Membrane Filter, 3.0(μm), 142(mm), 50pcs/pk	50
5.0μm		
11157231	MCE Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11157232	MCE Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11157233	MCE Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11157234	MCE Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11157235	MCE Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11157236	MCE Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11157237	MCE Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
PES Membrane Filter (0.1μm, 0.22μm, 0.45μm, 0.65μm, 0.8μm, 3.0μm, 5.0μm)		
0.1μm		
11167201	PES Membrane Filter, 0.1(μm), 13(mm), 400pcs/pk	400
11167202	PES Membrane Filter, 0.1(μm), 25(mm), 200pcs/pk	200
11167203	PES Membrane Filter, 0.1(μm), 47(mm), 100pcs/pk	100
11167204	PES Membrane Filter, 0.1(μm), 50(mm), 100pcs/pk	100
11167205	PES Membrane Filter, 0.1(μm), 60(mm), 50pcs/pk	50
11167206	PES Membrane Filter, 0.1(μm), 90(mm), 50pcs/pk	50

11167209	PES Membrane Filter, 0.1(μm), 142(mm), 50pcs/pk	50
0.22μm		
11167213	PES Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11167214	PES Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11167215	PES Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11167216	PES Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11167217	PES Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11167218	PES Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11167221	PES Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		
11167225	PES Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11167226	PES Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11167227	PES Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11167228	PES Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11167229	PES Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11167230	PES Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11167233	PES Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
0.65μm		
11167237	PES Membrane Filter, 0.65(μm), 13(mm), 400pcs/pk	400
11167238	PES Membrane Filter, 0.65(μm), 25(mm), 200pcs/pk	200
11167239	PES Membrane Filter, 0.65(μm), 47(mm), 100pcs/pk	100
11167240	PES Membrane Filter, 0.65(μm), 50(mm), 100pcs/pk	100
11167241	PES Membrane Filter, 0.65(μm), 60(mm), 50pcs/pk	50
11167242	PES Membrane Filter, 0.65(μm), 90(mm), 50pcs/pk	50
11167245	PES Membrane Filter, 0.65(μm), 142(mm), 50pcs/pk	50
0.8μm		
11167249	PES Membrane Filter, 0.8(μm), 13(mm), 400pcs/pk	400
11167250	PES Membrane Filter, 0.8(μm), 25(mm), 200pcs/pk	200
11167251	PES Membrane Filter, 0.8(μm), 47(mm), 100pcs/pk	100
11167252	PES Membrane Filter, 0.8(μm), 50(mm), 100pcs/pk	100
11167253	PES Membrane Filter, 0.8(μm), 60(mm), 50pcs/pk	50
11167254	PES Membrane Filter, 0.8(μm), 90(mm), 50pcs/pk	50
11167257	PES Membrane Filter, 0.8(μm), 142(mm), 50pcs/pk	50
3.0μm		
11167273	PES Membrane Filter, 3.0(μm), 13(mm), 400pcs/pk	400
11167274	PES Membrane Filter, 3.0(μm), 25(mm), 200pcs/pk	200

11167275	PES Membrane Filter, 3.0(μm), 47(mm), 100pcs/pk	100
11167276	PES Membrane Filter, 3.0(μm), 50(mm), 100pcs/pk	100
11167277	PES Membrane Filter, 3.0(μm), 60(mm), 50pcs/pk	50
11167278	PES Membrane Filter, 3.0(μm), 90(mm), 50pcs/pk	50
11167281	PES Membrane Filter, 3.0(μm), 142(mm), 50pcs/pk	50
5.0μm		
11167285	PES Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11167286	PES Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11167287	PES Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11167288	PES Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11167289	PES Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11167290	PES Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11167293	PES Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
CA Membrane Filter (0.22μm, 0.45μm, 0.8μm, 5μm)		
0.22μm		
11177201	Cellulose Acetate Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11177202	Cellulose Acetate Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11177203	Cellulose Acetate Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11177204	Cellulose Acetate Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11177205	Cellulose Acetate Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11177206	Cellulose Acetate Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11177207	Cellulose Acetate Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
11177210	Cellulose Acetate Membrane Filter, 0.22(μm), 293(mm), 50pcs/pk	50
0.45μm		
11177212	Cellulose Acetate Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11177213	Cellulose Acetate Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11177214	Cellulose Acetate Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11177215	Cellulose Acetate Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11177216	Cellulose Acetate Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11177217	Cellulose Acetate Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11177218	Cellulose Acetate Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
11177221	Cellulose Acetate Membrane Filter, 0.45(μm), 293(mm), 50pcs/pk	50
0.8μm		
11177223	Cellulose Acetate Membrane Filter, 0.8(μm), 13(mm), 400pcs/pk	400
11177224	Cellulose Acetate Membrane Filter, 0.8(μm), 25(mm), 200pcs/pk	200
11177225	Cellulose Acetate Membrane Filter, 0.8(μm), 47(mm), 100pcs/pk	100
11177226	Cellulose Acetate Membrane Filter, 0.8(μm), 50(mm), 100pcs/pk	100

11177227	Cellulose Acetate Membrane Filter, 0.8(μm), 60(mm), 50pcs/pk	50
11177228	Cellulose Acetate Membrane Filter, 0.8(μm), 90(mm), 50pcs/pk	50
11177229	Cellulose Acetate Membrane Filter, 0.8(μm), 142(mm), 50pcs/pk	50
5.0μm		
11177234	Cellulose Acetate Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11177235	Cellulose Acetate Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11177236	Cellulose Acetate Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11177237	Cellulose Acetate Membrane Filter, 5.0(μm), 50(mm), 100pcs/pk	100
11177238	Cellulose Acetate Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11177239	Cellulose Acetate Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11177240	Cellulose Acetate Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
PVDF Membrane Filter (Hydrophobic)(0.22μm, 0.45μm)		
0.22μm		
11187101	Hydrophobic PVDF Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11187102	Hydrophobic PVDF Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11187103	Hydrophobic PVDF Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11187104	Hydrophobic PVDF Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11187105	Hydrophobic PVDF Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11187106	Hydrophobic PVDF Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11187107	Hydrophobic PVDF Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		
11187112	Hydrophobic PVDF Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11187113	Hydrophobic PVDF Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11187114	Hydrophobic PVDF Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11187115	Hydrophobic PVDF Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11187116	Hydrophobic PVDF Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11187117	Hydrophobic PVDF Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11187118	Hydrophobic PVDF Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
PVDF Membrane Filter (Hydrophilic)(0.22μm, 0.45μm)		
0.22μm		
11187201	Hydrophilic PVDF Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11187202	Hydrophilic PVDF Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11187203	Hydrophilic PVDF Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11187204	Hydrophilic PVDF Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		

11187208	Hydrophilic PVDF Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11187209	Hydrophilic PVDF Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11187210	Hydrophilic PVDF Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11187211	Hydrophilic PVDF Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
GF Membrane Filter (0.7μm, 1.2μm, 1.6μm)		
0.7μm		
11197101	GF Membrane Filter , 0.7(μm), 13(mm), 200pcs/pk	200
11197102	GF Membrane Filter , 0.7(μm), 25(mm), 100pcs/pk	100
11197103	GF Membrane Filter , 0.7(μm), 47(mm), 50pcs/pk	50
11197104	GF Membrane Filter , 0.7(μm), 50(mm), 50pcs/pk	50
11197105	GF Membrane Filter , 0.7(μm), 60(mm), 25pcs/pk	25
11197106	GF Membrane Filter , 0.7(μm), 90(mm), 25pcs/pk	25
11197110	GF Membrane Filter , 0.7(μm), 142(mm), 25pcs/pk	25
1.2μm		
11197151	GF Membrane Filter , 1.2(μm), 13(mm), 200pcs/pk	200
11197152	GF Membrane Filter , 1.2(μm), 25(mm), 100pcs/pk	100
11197153	GF Membrane Filter , 1.2(μm), 47(mm), 50pcs/pk	50
11197154	GF Membrane Filter , 1.2(μm), 50(mm), 50pcs/pk	50
11197155	GF Membrane Filter , 1.2(μm), 60(mm), 25pcs/pk	25
11197156	GF Membrane Filter , 1.2(μm), 90(mm), 25pcs/pk	25
11197160	GF Membrane Filter , 1.2(μm), 142(mm), 25pcs/pk	25
1.6μm		
11198148	GF Membrane Filter , 1.6(μm), 25(mm), 100pcs/pk	100
11198151	GF Membrane Filter , 1.6(μm), 47(mm), 50pcs/pk	50
11198152	GF Membrane Filter , 1.6(μm), 50(mm), 50pcs/pk	50
11198155	GF Membrane Filter , 1.6(μm), 90(mm), 25pcs/pk	25
11198158	GF Membrane Filter , 1.6(μm), 142(mm), 25pcs/pk	25
PP Membrane Filter (0.22μm, 0.45μm, 1.0μm, 5.0μm)		
0.22μm		
11207101	PP Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11207102	PP Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11207103	PP Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11207104	PP Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11207105	PP Membrane Filter, 0.22(μm), 60(mm), 50pcs/pk	50
11207106	PP Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
11207109	PP Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50

0.45μm		
11207114	PP Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11207115	PP Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11207116	PP Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11207117	PP Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100
11207118	PP Membrane Filter, 0.45(μm), 60(mm), 50pcs/pk	50
11207119	PP Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
11207122	PP Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50
1.0μm		
11207127	PP Membrane Filter, 1.0(μm), 13(mm), 400pcs/pk	400
11207128	PP Membrane Filter, 1.0(μm), 25(mm), 200pcs/pk	200
11207129	PP Membrane Filter, 1.0(μm), 47(mm), 100pcs/pk	100
11207130	PP Membrane Filter, 1.0(μm), 50(mm), 100pcs/pk	100
11207131	PP Membrane Filter, 1.0(μm), 60(mm), 50pcs/pk	50
11207132	PP Membrane Filter, 1.0(μm), 90(mm), 50pcs/pk	50
11207135	PP Membrane Filter, 1.0(μm), 142(mm), 50pcs/pk	50
5.0μm		
11207140	PP Membrane Filter, 5.0(μm), 13(mm), 400pcs/pk	400
11207141	PP Membrane Filter, 5.0(μm), 25(mm), 200pcs/pk	200
11207142	PP Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
11207143	PP Membrane Filter, 5.0(μm), 50(mm),100pcs/pk	100
11207144	PP Membrane Filter, 5.0(μm), 60(mm), 50pcs/pk	50
11207145	PP Membrane Filter, 5.0(μm), 90(mm), 50pcs/pk	50
11207148	PP Membrane Filter, 5.0(μm), 142(mm), 50pcs/pk	50
CN Membrane Filter (0.22μm, 0.45μm, 3.0μm, 5.0μm, 8.0μm)		
0.22μm		
11217201	CN Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11217202	CN Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11217203	CN Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11217204	CN Membrane Filter, 0.22(μm), 50(mm), 100pcs/pk	100
11217205	CN Membrane Filter, 0.22(μm), 90(mm), 50pcs/pk	50
0.45μm		
11217206	CN Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11217207	CN Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11217208	CN Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11217209	CN Membrane Filter, 0.45(μm), 50(mm), 100pcs/pk	100

11217210	CN Membrane Filter, 0.45(μm), 90(mm), 50pcs/pk	50
3.0μm		
11218203	CN Membrane Filter, 3.0(μm), 47(mm), 100pcs/pk	100
5.0μm		
11218201	CN Membrane Filter, 5.0(μm), 47(mm), 100pcs/pk	100
8.0μm		
11218202	CN Membrane Filter, 8.0(μm), 47(mm), 100pcs/pk	100
RC Membrane Filter (0.22μm, 0.45μm)		
0.22μm		
11228201	RC Membrane Filter, 0.22(μm), 13(mm), 400pcs/pk	400
11228202	RC Membrane Filter, 0.22(μm), 25(mm), 200pcs/pk	200
11228203	RC Membrane Filter, 0.22(μm), 47(mm), 100pcs/pk	100
11228204	RC Membrane Filter, 0.22(μm), 90(mm), 100pcs/pk	100
11228205	RC Membrane Filter, 0.22(μm), 142(mm), 50pcs/pk	50
0.45μm		
11228206	RC Membrane Filter, 0.45(μm), 13(mm), 400pcs/pk	400
11228207	RC Membrane Filter, 0.45(μm), 25(mm), 200pcs/pk	200
11228208	RC Membrane Filter, 0.45(μm), 47(mm), 100pcs/pk	100
11228209	RC Membrane Filter, 0.45(μm), 90(mm), 100pcs/pk	100
11228210	RC Membrane Filter, 0.45(μm), 142(mm), 50pcs/pk	50