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## MS® Membrane Filters



#### Introduction

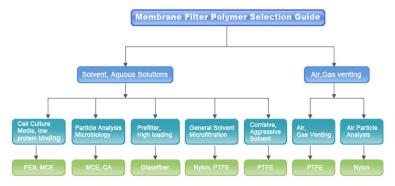
**Micro-filtration** is one kind of physical filtration process where a contaminated fluid is passed through a special pore size membrane to separate micro-organisms and suspended particles from process liquid or gas. The typical pore size used for micro-filtration ranges from about 0.1 to 10um.

Membrane Solutions offers full **membrane filter** for various solvents or liquid or gas, including <u>PES</u>, <u>MCE</u>, <u>Nylon</u>, <u>PVDF</u>, <u>PTFE</u>, <u>PP</u>, <u>CA</u>, <u>Nylon Mesh</u> and <u>PC</u>, the disc diameter is from 13mm to 293mm, which are manufactured in ISO 9001 certified facility. Most membranes can be sterilized if needed.

## **Application**

- · General clean and filtration
- Sample Preparation
- Environmental Monitoring and Analysis
- Filtration of Aqueous and Organic Solutions
- Fluid Monitoring
- Pharmaceutical Products Analysis
- Chromatography and Mass Spec Sample Preparation
- Venting and Gas Filtration

## **Guide to Select Membrane**



<sup>\*</sup> Click on the picture to see the image and the image addresses.

#### **Product Information**

| Membrane Type | Pore Size(um) | Diameter(mm)            |
|---------------|---------------|-------------------------|
| PES           | 0.1-1.0       | 13, 25,37,47,90,142,293 |
| MCE           | 0.1-8.0       | 13,25,37,47,90,142, 293 |
|               |               | Plain & Gridded         |
|               |               |                         |

# embrane Filter, Disc Membrane - Membrane Solutions

| NYLON      | 0.1- 10.0 | 13,25,37,47,90,142,293  |
|------------|-----------|-------------------------|
| PVDF       | 0.1-0.45  | 13,25,37,47,90,142,293  |
| PTFE       | 0.1 -5.0  | 13,25,37,47,90,142,293  |
| PP         | 0.22-20.0 | 13,37,47,90,125,142,293 |
| CA         | 0.22-8.0  | 13,25,37,47,90,142,293  |
| Nylon Mesh | 20-180    | 25,47,90, 30cm×3m       |
| PC         | 0.1-8.0   | 13,25,37,47,90,142      |

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