

# Membrane filter



Membranes enable a very convenient, fast and economical separation. Often they are also used as a neutral sample support for further analysis.

## Cellulose Acetate (CA)

CA membranes are made of pure cellulose acetate modified to be the lowest binding filter available. The membrane is naturally hydrophilic and has a high filtration efficiency, present a good thermic stability and a weak fixation of proteins.

Applications:

- \* Filtration and sterilization of protein and enzyme solutions
- \* Tissue culture media sterilization
- \* General filtration of aqueous solutions

Article	Description
640225	Filter, membrane, CA, 0.22 µm, 25 mm
640247	Filter, membrane, CA, 0.22 µm, 47 mm
640425	Filter, membrane, CA, 0.45 µm, 25 mm
640447	Filter, membrane, CA, 0.45 µm, 47 mm

## Polyether sulfone (PES)

The membrane is made with polyester sulfone is naturally hydrophilic. The highly asymmetrical pore structure offer an excellent loading capacity and high flow rate. The low protein and drug binding character makes the membrane suitable for life science applications.

Applications:

- \* General filtration of solvents
- \* Tissue culture media
- \* Protein analysis
- \* Samples with biomolecules buffers

Article	Description
470225	Filter, membrane, PES, 0.22 µm, 25 mm
470247	Filter, membrane, PES, 0.22 µm, 47 mm
474025	Filter, membrane, PES, 0.45 µm, 25 mm
474047	Filter, membrane, PES, 0.45 µm, 47 mm
474050	Filter, membrane, PES, 0.45 µm, 50 mm
474100	Filter, membrane, PES, 0.45 µm, 100 mm
474142	Filter, membrane, PES, 0.45 µm, 142 mm

## Nylon (PA)

Nylon membranes are naturally hydrophilic, very strong and have a low level of extractables.

Applications:

- \* HPLC solvent filtration and degassing
- \* General filtration of solvents

Article	Description
844040	Filter, membrane, Nylon, 0.22 µm, 25 mm
844041	Filter, membrane, Nylon, 0.22 µm, 47 mm
844042	Filter, membrane, Nylon, 0.45 µm, 25 mm
844044	Filter, membrane, Nylon, 0.45 µm, 47 mm

## Polytetra-Fluorethylene (PTFE)

The PTFE membrane is naturally hydrophobic and supported with a PP layer. For filter an aqueous solution, the filter should be wetted with isopropanol first.

Applications:

- \* Air and gas filtration
- \* Chemically aggressive or acid samples
- \* Undiluted organic solvents

Article	Description
235225	Filter, membrane, PTFE, 0.22 µm, 25 mm
230247	Filter, membrane, PTFE, 0.22 µm, 47 mm
234525	Filter, membrane, PTFE, 0.45 µm, 25 mm
234547	Filter, membrane, PTFE, 0.45 µm, 47 mm
235047	Filter, membrane, PTFE, 5.0 µm, 47 mm

# Membrane filter

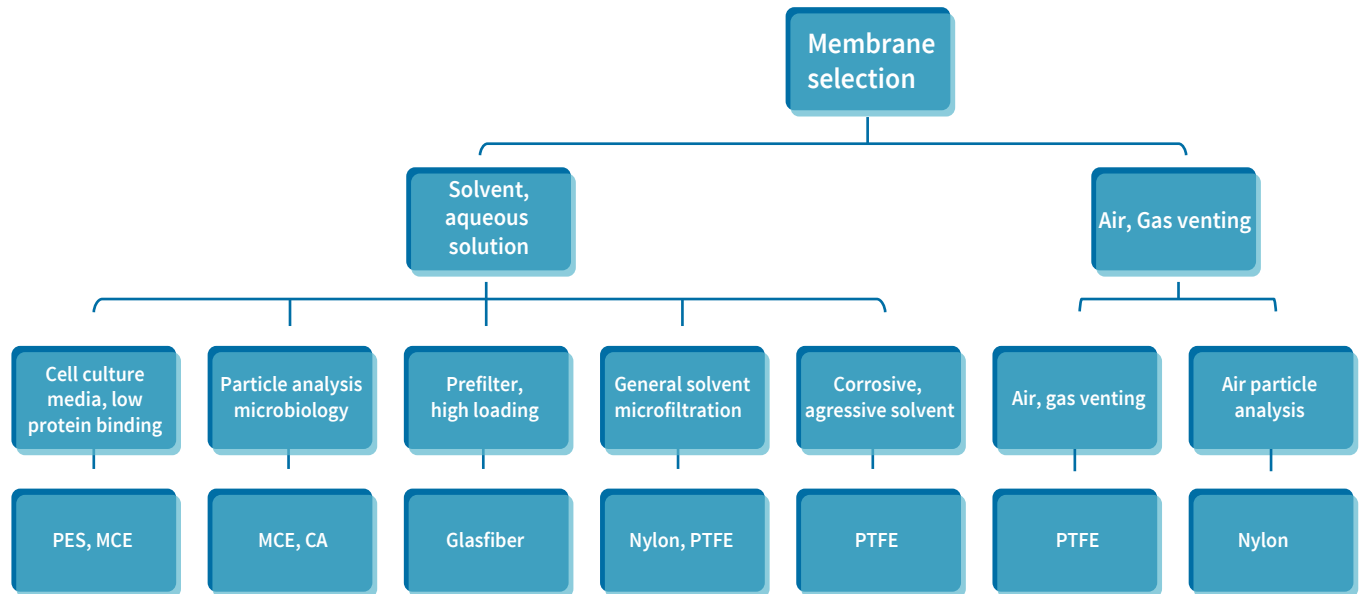
## Mixed Cellulose Esters (MCE)

MCE filters are made of both pure cellulose acetate and cellulose nitrate fibers. By adding Cellulose Acetate the surface of the membrane becomes more smooth and uniform compared with membranes that contain solely cellulose nitrate. The filters are naturally hydrophilic and have a high load capacity.

Applications:

- \* Microbiological analysis
- \* Colony counting
- \* Clarification of aqueous solutions

Article	Description	Article	Description
840225	Filter, membrane, MCE, white, 0.22 µm, 25 mm	841225	Filter, membrane, MCE, white, 1.2 µm, 25 mm
840247	Filter, membrane, MCE, white, 0.22 µm, 47mm	841247	Filter, membrane, MCE, white, 1.2 µm, 47 mm
844025	Filter, membrane, MCE, white, 0.45 µm, 25mm	843025	Filter, membrane, MCE, white, 3.0 µm, 25 mm
844045	Filter, membrane, MCE, white, 0.45 µm, 47 mm	843047	Filter, membrane, MCE, white, 3.0 µm, 47 mm
840625	Filter, membrane, MCE, white, 0.65 µm, 25 mm	845025	Filter, membrane, MCE, white, 5.0 µm, 25 mm
840647	Filter, membrane, MCE, white, 0.65 µm, 47 mm	845047	Filter, membrane, MCE, white, 3.0 µm, 47 mm
840825	Filter, membrane, MCE, white, 0.80 µm, 25 mm	848025	Filter, membrane, MCE, white, 8.0 µm, 25 mm
844043	Filter, membrane, MCE, white, 0.80 µm, 47 mm	848047	Filter, membrane, MCE, white, 8.0 µm, 47 mm



Note: Technical support is always available to help you with your filter selection. If the membrane filter you need is not listed, please feel free to contact us.