



Hydrophilic MCE Disc Membrane Filters

Specifications

Materials

Membrane

MCE

Wettability

Hydrophilic

Color

White

Physical Properties

Filter Diameter

25/47/50/60/90/100/110/150mm

Pore Size

0.22 μ m/0.45 μ m

Maximum Operating
Temp.

125°C

pH Range

4.0 – 8.0

Sterility

Delivery Condition

Nonsterile

Package

Pack Size

50/pk, 25/pk

Performance

Pore Size

Bubble Point
(Water 20°C)

Water Flow Rate (s/50ml/12.68cm²) @-
30KPa (water 20°C)

Thickness (μ m)

0.22 μ m

≥300KPa

≤45s

130±50

0.45 μ m

≥180KPa

≤42s

130±50



Features

- Higher flow rate
- Chemical Compatibility pH 4-8
- Biologically inert
- Available in a range of pore sizes, colored black or white, with or without a gridded surface

Applications

- Filtration of aqueous and water-based solvents
- Particle removal and clarification
- Microbiology analysis

How to Use a MCE Membrane Filter

1. Take one filter paper (not the blue backing paper) out of the box.
2. Place the membrane filter on the funnel assembly.
3. Adjust the sample container on the proper position.
4. Fix with a locker clip or clamp.
5. Attach the vacuum pump to the filtration set.
6. Pour the sample into the sample container and turn on the vacuum.

How to use a membrane?



