wwPTFE membrane disc filters

MEMBRANE WITH CHEMICAL COMPATIBILITY FOR AQUEOUS SOLUTIONS AND AGGRESSIVE SOLVENTS

Water-wettable PTFE (wwPTFE) membrane disc filters from Cytiva offer broad chemical compatibility and low protein binding, making them ideal for HPLC and pharmaceutical applications. These filters are HPLC certified to minimize analytical artifacts and ensure high analyte recovery. Available in multiple pore sizes and diameters, they support both aqueous and organic solvent filtration needs.



Water-wettable PTFE (wwPTFE) membrane disc filter

Main features

- High retention efficiency for particle free mobile phase
- Minimal extractables reduce interference and baseline noise
- Universal chemical compatibility for aqueous and organic solvents

Specifications

Filter media
Water-wettable Polytetrafluoroethylene (wwPTFE)

Pore size
0.2 and 0.45 µm

Diameter
25-90 mm

Typical thickness
280 µm

Typical water flow rate
mL/min/cm^2 at 0.294 bar (29.4 kPa, 4.3 psi)
0.2 µm: 10.9
0.45 µm: 17.4

Minimum bubble point
100% IPA
0.2 µm: 1 bar (100kPa, 14.5 psi)
0.45 µm: 0.63 bar (63 kPa, 9.1 psi)

Applications

- Our number-one choice for filtering HPLC mobile phases
- Available in 0.2 µm for UHPLC
- Suitable for pharmaceutical HPLC applications

Ordering information

wwPTFE membrane, 0.2 µm pore size

Part number	Diameter (mm)	Pkg
60538	25	50/Pkg
60539	47	50/Pkg
60542	50	50/Pkg

wwPTFE membrane, 0.45 µm pore size

Part number	Diameter (mm)	Pkg
60547	25	50/Pkg
60548	47	50/Pkg
60550	50	50/Pkg
60551	90	75/Pkg

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