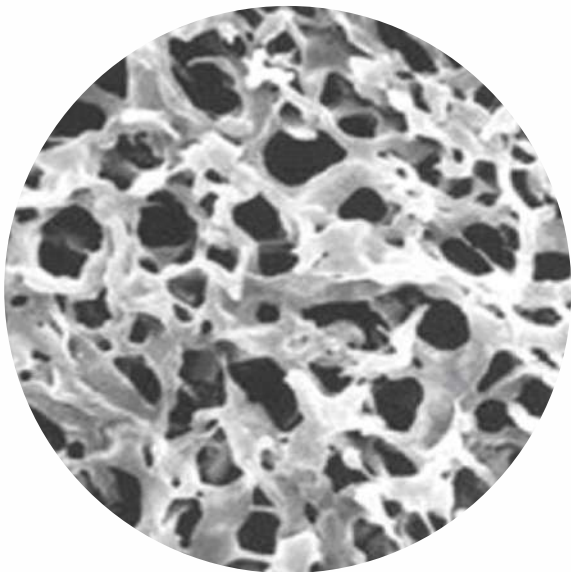


# Membrane Filters PVDF



## Membrane Filters Polivinilidenedifloride PVDF

These filters are manufactured with Polivinilidenedifloride polymer (PVDF). They are hydrophobic in nature and have a high temperature resistance. Dorsan ® also offers hydrophilic PVDF version. Designed to have high pressure resistance, flexibility and chemical compatibility. This membrane is highly valued for its ability to meet the highest requirements requested in the different applications of chemical filtration. Without the need for wetting agents this product is a good value alternative to PTFE membranes in applications to prevent moisture locking gas leaks or ventilation. Not recommended for use with acetone, DMF, DMSO or Bases > 6N.

### Features

- Hydrophobic or Hydrophilic version
- Great chemical compatibility
- Negligible protein binding
- Low extractables
- Autoclavable

### Applications

- Bacteria retention
- Sample preparation for HPLC
- Filtration of organic solvents
- Ventilation
- Clarification of biological solutions



**DORSAN**®  
LIVING FILTRATION

# Membrane Filters PVDF

## Membrane filters Polivinilidenedifloride PVDF specifications

Code	Description	Packaging u.
<b>0,20 µm</b>		
M013PVDF020	PVDF Membrane Filter, Pore 0,20 (µm), Diameter: 13 mm	100
M025PVDF020	PVDF Membrane Filter, Pore 0,20 (µm), Diameter: 25 mm	100
M047PVDF020	PVDF Membrane Filter, Pore 0,20 (µm), Diameter: 47 mm	100
M090PVDF020	PVDF Membrane Filter, Pore 0,20 (µm), Diameter: 90 mm	25
M142PVDF020	PVDF Membrane Filter, Pore 0,20 (µm), Diameter: 142 mm	25
<b>0,45 µm</b>		
M013PVDF045	PVDF Membrane Filter, Pore 0,45 (µm), Diameter: 13 mm	100
M025PVDF045	PVDF Membrane Filter, Pore 0,45 (µm), Diameter: 25 mm	100
M047PVDF045	PVDF Membrane Filter, Pore 0,45 (µm), Diameter: 47 mm	100
M090PVDF045	PVDF Membrane Filter, Pore 0,45 (µm), Diameter: 90 mm	25
M142PVDF045	PVDF Membrane Filter, Pore 0,45 (µm), Diameter: 142 mm	25

**Note.** Other dimensions or porosities should be available under request.

## Technical characteristics

Pore size (µm)	Flow Time (s)	Volume/ Vacuum (ml/in Hg)	Flow rate (ml/min/cm <sup>2</sup> @ 10 psi)	Bubble Point (psi)	Thickness (microns)	BSA protein binding capacity (µg/cm <sup>2</sup> )
0,22	100-500	250/20	3,18-15,91	40-60	140-250	70-80
0,45	35-200	250/20	7,95-45,45	25-40	140-250	60-70

Note. We reserve the right to change these informations without any previous notice.

v01 © Dorsan Filtration