PRODUCT DATASHEET

# PVDF Membrane Disc Filters

PVDF membrane discs, 0.1 to 5 µm, 13 to 293 mm






DETAIL – DISCS, TWEEZERS AND BOX

## OVERVIEW

The Tech Inc. PVDF Membrane Disc Filters are PVDF membranes in hydrophilic and hydrophobic versions. Hydrophilic PVDF filters aqueous and organic samples with low protein binding; hydrophobic PVDF vents gases and filters solvents.

## MODELS AND CONFIGURATIONS

- **Hydrophilic PVDF** – aqueous and organic samples.
- **Hydrophobic PVDF** – venting and gases.
- **0.22 and 0.45 µm** – sample and solvent filtration.
- **0.65 and 5 µm** – clarification.

## TYPICAL DESIGN DATA

| | |
|---|---|
| **Model series** | TI-MD-PVDF-(diameter) |
| **Membrane** | Polyvinylidene fluoride (PVDF), hydrophilic or hydrophobic |
| **Pore sizes** | 0.1, 0.22, 0.45, 0.65 and 5 µm |
| **Diameters** | 13, 25, 37, 47, 90, 142 and 293 mm |
| **Thickness** | About 100 to 125 µm |
| **Options** | Plain, gridded, sterile, interleaved |
| **Pack** | 100 discs (25 for 142 and 293 mm) |

## APPLICATIONS

HPLC solvent and sample filtration, protein solutions, Western blotting supports, venting and gas filtration.

## KEY ADVANTAGES

- **Low binding** – high recovery
- **Solvent resistant** – HPLC mobile phases
- **Two versions** – hydrophilic and hydrophobic

**How to cite:** PVDF Membrane Disc Filters (model TI-MD; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/pvdf-membrane-disc-filters

**Designed and built by Tech Inc.** · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.