PRODUCT DATASHEET

PTFE Membrane Disc Filters

PTFE membrane discs, 0.1 to 10 µm, 13 to 293 mm





DETAIL – DISCS, TWEEZERS AND BOX

OVERVIEW

The Tech Inc. PTFE Membrane Disc Filters are PTFE membranes that resist almost every chemical. Plain and polypropylene-backed versions filter aggressive solvents, acids and bases, sample air and gases, and serve as hydrophobic barriers.

MODELS AND CONFIGURATIONS

- **Unbacked PTFE** – solvents and chemicals.
- **PP-backed PTFE** – easier handling and air sampling.
- **Hydrophilic PTFE** – aqueous and organic liquids.
- **Ring-supported PTFE** – particulate air monitoring.

TYPICAL DESIGN DATA

Model series	TI-MD-PTFE-(diameter)
Membrane	Polytetrafluoroethylene (PTFE), plain or laminated on polypropylene
Pore sizes	0.1, 0.2, 0.45, 1, 3, 5 and 10 µm
Diameters	13, 25, 37, 47, 90, 142 and 293 mm
Thickness	About 65 to 175 µm
Options	Plain, gridded, sterile, interleaved
Pack	100 discs (25 for 142 and 293 mm)

APPLICATIONS

Aggressive solvents, concentrated acids and bases, air and stack sampling, gas filtration and venting.

KEY ADVANTAGES

- **Universal resistance** – almost all chemicals
- **Temperature** – stable well above 100 °C
- **Hydrophobic** – liquid barrier for vents

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

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