PRODUCT DATASHEET

Polypropylene Syringe Filters

Polypropylene membrane, 0.2 and 0.45 µm, 13 and 25 mm





DETAIL – 13 MM AND 25 MM FILTERS

OVERVIEW

The Tech Inc. Polypropylene Syringe Filters combine a hydrophilic polypropylene membrane with a polypropylene housing, so the whole filter is one chemically resistant material. They suit aqueous and organic HPLC samples, acids and bases, with very low extractables.

MODELS AND CONFIGURATIONS

- **0.2 µm** – UHPLC and IC samples.
- **0.45 µm** – routine HPLC.
- **All-polypropylene build** – low extractables.
- **Non-sterile packs** – analytical work.

TYPICAL DESIGN DATA

Model series	TI-SF-PP-13 and TI-SF-PP-25
Membrane	Hydrophilic polypropylene (PP)
Pore sizes	0.2 and 0.45 µm
Diameters	13 and 25 mm
Filtration area	About 0.8 cm² (13 mm) and 4.5 cm² (25 mm)
Typical sample volume	Up to 10 mL (13 mm) and 100 mL (25 mm)
Hold-up volume	Below about 10 µL (13 mm) and 100 µL (25 mm)
Maximum pressure	About 5 bar
Housing	Polypropylene, Luer lock inlet, Luer slip outlet
Pack	100 per box

APPLICATIONS

HPLC and ion chromatography samples, acids and bases, aqueous and organic solvents, and trace-level analysis.

KEY ADVANTAGES

- **One material** – very low extractables
- **Acid and base resistant** – wide pH range
- **Hydrophilic** – no pre-wetting

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

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