PRODUCT DATASHEET

Regenerated Cellulose Syringe Filters

Regenerated cellulose membrane, 0.2 and 0.45 µm, 13 and 25 mm





DETAIL – 13 MM AND 25 MM FILTERS

OVERVIEW

The Tech Inc. Regenerated Cellulose Syringe Filters use a regenerated cellulose membrane that is hydrophilic, very low in binding and resistant to most organic solvents. They filter aqueous and organic HPLC samples with very low extractables.

MODELS AND CONFIGURATIONS

- **0.2 µm** – UHPLC and LC-MS.
- **0.45 µm** – routine HPLC.
- **Low-extractable grade** – trace analysis.
- **Non-sterile packs** – analytical work.

TYPICAL DESIGN DATA

Model series	TI-SF-RC-13 and TI-SF-RC-25
Membrane	Regenerated cellulose (RC)
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 LC-MS samples in aqueous or organic solvents, protein samples, and solvent clarification.

KEY ADVANTAGES

- **Solvent resistant and hydrophilic** – aqueous and organic samples
- **Very low binding** – high recovery
- **Very low extractables** – clean chromatograms

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

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