PRODUCT DATASHEET

Cellulose Acetate Syringe Filters

Cellulose acetate membrane, 0.2, 0.45 and 0.8 µm, 13 and 25 mm





DETAIL – 13 MM AND 25 MM FILTERS

OVERVIEW

The Tech Inc. Cellulose Acetate Syringe Filters use a cellulose acetate membrane with the lowest protein binding of the common membranes. They are made for aqueous biological samples such as tissue culture media, sera and enzyme solutions.

MODELS AND CONFIGURATIONS

- **0.2 µm sterile** – culture media and sera.
- **0.45 µm** – protein and enzyme solutions.
- **0.8 µm** – prefiltration of biological fluids.
- **Surfactant-free grade** – protein recovery studies.

TYPICAL DESIGN DATA

Model series	TI-SF-CA-13 and TI-SF-CA-25
Membrane	Cellulose acetate (CA)
Pore sizes	0.2, 0.45 and 0.8 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

Tissue culture media, sera and enzyme solutions, protein recovery, and aqueous biological samples.

KEY ADVANTAGES

- **Lowest protein binding** – maximum recovery
- **Thermally stable** – autoclavable
- **Gentle** – suits sensitive biologicals

How to cite: Cellulose Acetate Syringe Filters (model TI-SF; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/cellulose-acetate-syringe-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.