

25 mm/0.45 μm - Cellulose Acetate Syringe Filters

Part Number: 145-0007

Specification

- Increased throughput and speed of sample preparation.
- Lower hold-up volume due to an improved flow channel design and reduced spacing between the supports within the housing for better handling of small sample volumes or costly samples.
- Strict quality control: Syringe filters are integrity tested to ensure a proper filter fit and weld to eliminate any potential filter by-pass. Accurate labeling: Each filter is labeled with the specific filter material and pore size for easy identification even if the syringe filter is not in its original packaging.
- Modified acrylic housing to bidirectionally support the membrane allowing sample injection or aspiration.



Characteristics

Membrane Materials: Cellulose Acetate

PVDF, Regenerated Cellulose

Housing Diameter: 33 mm

Membrane Diameter: 25 mm

Effective Filtration Area: 4.6 cm²

Housing Materials: Acrylic, Polypropylene Ultrasonically welded

Inlet / Outlet: FLL / MLL-MLS

Holdup Volume: <100 microliter

Maximum Operating Temperature: PP Abluo - 90°C / 194°F, Acrylic Abluo 50°C / 122°F

Maximum Operating Pressure: 80 psi

Typical Applications

Analytical sample preparation, Biological fluids and Buffer solutions, Sterile filtering of tissue culture media, Protein aqueous solutions, Biofuel analysis, HPLC sample preparation, Pesticide testing Cannabis potency testing, Nutraceutical sample preparation.

SPECIFICATIONS

Product code	FJ25ANCCA004FD01
Description	Syringe filter diam.25 mm FLL/MLL Acrylic Yellow membrane CA 0.45 µm (500 pcs)
Membrane diameter (mm)	25
Weight (g)	5.31
Membrane material	Cellulose Acetate
Pore size (µm)	0.45
Pressure (bar)	5
Bubble point - typical (psi using water)	27
Housing diameter (mm)	33
Color	Yellow
Inlet / outlet	Female luer lock/Male luer lock
Typical water flow rate (ml/min at 15 psi & 23°C)	150
Effective filtration area (cm ²)	4.6 cm ²
Applications	CA (Cellulose Acetate) filters are ideal for protein and enzyme filtration, biological fluid filtration and other filtration applications where maximum recovery of proteins is critical.
Box quantity	500