

25 mm/0.45 µm - Cellulose Acetate Syringe Filters Sterile

Part Number: 145-0107

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

Effective Filtration Area: 4.6 cm²

Sterile: Sterile (*Gamma Radiation)

Inlet/outlet: FLL/MLL-MLS

Housing Material: Acrylic Ultrasonically welded

Membrane Materials: Cellulose Acetate

Membrane Diameter (mm): 25

Housing Diameter (mm): 33

Holdup Volume: <100 microliter

Maximum Operating Temperature: 50°C / 122°F

Maximum Operating Pressure: 80 psi

Typical Applications

Filtration of Aqueous and Alcohol Solutions, Sterile Filtration and Clarification, Cell Culture, Analytical Sample Prep, and UHPLC. IC Chromatography and Protein Chemistry
 Filtration of Aqueous and Organic Solutions.

SPECIFICATIONS

Product code	FJ25ASCCA004FL01
Description	Syringe filter diam.33 mm FLL/MLS Acrylic Yellow membrane CA 0.45 µm GVS blister packaging sterile. (50 pcs)
Membrane diameter (mm)	25
Weight (g)	6.86
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	Filtration of Aqueous Solutions; Filtration of Alcohol Solutions; Sterile Filtration; Clarification; Cell Culture
Box quantity	50