

## 25 mm/0.22 $\mu$ m - Cellulose Acetate Syringe Filters Sterile

### Part Number: 145-0106

### 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 cm<sup>2</sup>

**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	FJ25ASCCA002DL01
Description	Syringe filter diam. 25 mm FLL/MLS Acrylic Blue membrane CA 0.22 µm GVS <b>blister packaging sterile.</b> (50 pcs)
Membrane diameter (mm)	25
Weight (g)	6.86
Membrane material	Cellulose Acetate
Pore size (µm)	0.22
Pressure (bar)	5
Bubble point - typical (psi using water)	45
Housing diameter (mm)	33
Color	Blue
Inlet / outlet	Female luer lock/Male luer lock
Typical water flow rate (ml/min at 15 psi & 23°C)	100
Effective filtration area (cm2)	4.6 cm2
Applications	Filtration of Aqueous Solutions; Filtration of Alcohol Solutions; Sterile Filtration; Clarification; Cell Culture
Box quantity	50