

25 mm/1.20 µm - Cellulose Acetate Syringe Filters Sterile

Part Number: 145-0109

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

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| Product code | FJ25ASCCA012CL01 |
| Description | Syringe filter diam.33 mm FLL/MLS Acrylic Red membrane CA 1.20 µm GVS blister packaging sterile. (50 pcs) |
| Membrane diameter (mm) | 25 |
| Weight (g) | 6.86 |
| Membrane material | Cellulose Acetate |
| Pore size (µm) | 1.2 |
| Pressure (bar) | 5 |
| Bubble point - typical (psi using water) | 10 |
| Housing diameter (mm) | 33 |
| Color | Red |
| Inlet / outlet | Female luer lock/Male luer lock |
| Typical water flow rate (ml/min at 15 psi & 23°C) | 264 |
| Effective filtration area (cm ²) | 4.6 cm ² |
| Applications | Filtration of Aqueous Solutions; Filtration of Alcohol Solutions; Sterile Filtration; Clarification |
| Box quantity | 50 |