
25 mm - ABLUO Syringe Filters

Part Number: 145-0064

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: PVDF

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

Buffer solutions

Sterile filtering of tissue culture media

Protein aqueous solutions

Biofuel analysis

HPLC sample preparation

Pesticide testing

Cannabis potency testing

Nutraceutical sample preparation

Packaging: 500 pcs per box

SPECIFICATIONS	
Product code	FJ25BNPPV004AD01
Description	Syringe filter diam.33 mm FLL/MLS PP Transparent member PVDF 0.45 µm
Membrane diameter (mm)	25
Weight (g)	2.96
Membrane material	PVDF
Pore size (µm)	0.45
Pressure (bar)	5
Bubble point - typical (psi using water)	23
Housing diameter (mm)	33
Color	Transparent
Inlet / outlet	Female luer lock/Male luer slip
Typical water flow rate (ml/min at 15 psi & 23°C)	200
Effective filtration area (cm2)	4.6 cm2
Applications	Filtration of Aqueous Solutions; Filtration of Organic Solutions; Analytical Sample Prep, HPLC; Chromatography; Clarification; Protein Chemistry
Box quantity	500
Notes	Sterilizing and clarifying filtration of biological solutions; Preparation of protein-containing solutions prior to chromatography or other instrument analyses; Useful for a wide range of applications, including aggressive and non-aggressive solvent-based mobile phase; Offers excellent chemical compatibility, even with aggressive acids and alcohols. Provides high flow rates and throughput, low extractables and broad chemical compatibility; Sample prep for HPLC