FILTER TECHNOLOGY

ABLUO

Abluo Syringe Filters

GVS Life Sciences offers a range of disposable syringe filter devices designed to provide fast and efficient filtration of aqueous and organic solutions. They are available in a wide variety of sizes and membranes, with a polypropylene or acrylic housing, for both sterile and non sterile laboratory applications.

Features and Benefits

- **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
- **Increased operating pressure** - up to 130 psi due to the over-mold that prevents sample leaking at the seam and keeps the filter unit from bursting in half
- **Strict quality control** - syringe filters are integrity tested to ensure a proper 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
- **Polypropylene** or **Acrylic housing**
- **Modified Acrylic housing** to bidirectionally support the membrane allowing sample injection or aspiration
- **Manufactured in the USA** - GVS Life Sciences devices are manufactured in our ISO9001 certified plant in Sanford, Maine, USA, using proprietary microporous membranes from our plant in Westborough, Massachussets, USA

FILTER TECHNOLOGY

33 mm Sterile - ABLUO®

Characteristics

Membrane Materials: Cellulose Acetate, Nylon, PES, PVDF, MCE, GF
Membrane Diameter: 25 mm
Housing Diameter: 33 mm
Housing Material: Acrylic and Polypropylene
Effective Filtration Area: 4.6 cm²
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
Sterile: Yes

Applications

- Sterile Filtration and Clarification
- Sterile Filtering Of Tissue Culture Media
- Cell Culture
- Protein aqueous solution
- Clarification

Ordering information

Membrane Material	Pore Size (µm)	End Fitting	Color	Product Code
				Packaging 50/pk
Cellulose Acetate (CA)	0.22	FLL/MLS	Transparent	FJ25BSCCA002AL01
Cellulose Acetate (CA)	0.45	FLL/MLS	Transparent	FJ25BSCCA004AL01
Cellulose Acetate (CA)	0.8	FLL/MLS	Transparent	FJ25BSCCA008AL01
Cellulose Acetate (CA)	0.22	FLL/MLL	Blue	FJ25ASCCA002DL01
Cellulose Acetate (CA)	0.45	FLL/MLL	Yellow	FJ25ASCCA004FL01
Cellulose Acetate (CA)	0.80	FLL/MLL	Green	FJ25ASCCA008EL01
Cellulose Acetate (CA)	1.20	FLL/MLL	Red	FJ25ASCCA012CL01
Cellulose Acetate (CA)	5.00	FLL/MLL	Brown	FJ25ASCCA050PL01
Mixed Cellulose Ester (MCE)	0.22	FLL/MLS	Transparent	FJ25BSCNC002AL01
Mixed Cellulose Ester (MCE)	0.45	FLL/MLS	Transparent	FJ25BSCNC004AL01
Nylon (NY)	0.10	FLL/MLS	Transparent	FJ25BSCNY001AL01
Nylon (NY)	0.22	FLL/MLS	Transparent	FJ25BSCNY002AL01
Nylon (NY)	0.45	FLL/MLS	Transparent	FJ25BSNY0042AL01
Nylon (NY)	1.20	FLL/MLS	Transparent	FJ25BSCNY012AL01
Nylon (NY)	5.00	FLL/MLS	Transparent	FJ25BSCNY050AL01
Polyethersulfone (PES)	0.80	FLL/MLS	Transparent	FJ25BSCPS008AL01
Polyethersulfone (PES)	0.22	FLL/MLS	Transparent	FJ25BSCPS002AL01
Polyethersulfone (PES)	0.45	FLL/MLS	Transparent	FJ25BSCPS004AL01
Polyvinylidene Fluoride (PVDF)	0.22	FLL/MLS	Transparent	FJ25BSCPV002AL01
Polyvinylidene Fluoride (PVDF)	0.45	FLL/MLS	Transparent	FJ25BSCPV004AL01