

# 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, Massachusetts, USA

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

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