

# 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



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## 25 mm - ABLUO®

### Characteristics

**Membrane Materials:** Cellulose Acetate, Glass Fiber, Nitrocellulose, Nylon, PES, Polyethylene, PTFE, PVDF, Regenerated Cellulose

**Membrane Diameter:** 25 mm

**Effective Filtration Area:** 4.6 cm<sup>2</sup>

**Housing Diameter:** 33 mm

**Housing Materials:** Acrylic, Polypropylene

**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:** No



### Applications

- Analytical sample preapration
- Dissolution testing
- Food analysis
- Buffer solutions
- Filtration of Aqueous and Alcohol Solutions
- Protein Chemistry
- IC Chromatography

### Ordering information

Membrane Material	Pore Size (µm)	End Fitting	Housing Material	Color	Product Code
					Packaging 500/pk
Cellulose Acetate (CA)	0.22	FLL/MLL	Acrylic	Blue	FJ25ANCCA002D D01
Cellulose Acetate (CA)	0.45	FLL/MLL	Acrylic	Yellow	FJ25ANCCA004FD01
Cellulose Acetate (CA)	0.80	FLL/MLL	Acrylic	Green	FJ25ANCCA008ED01
Cellulose Acetate (CA)	1.20	FLL/MLL	Acrylic	Red	FJ25ANCCA012CD01
Cellulose Acetate (CA)	5.00	FLL/MLL	Acrylic	Brown	FJ25ANCCA050PD01
Nylon (NY)	0.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPNY002AD01
Nylon (NY)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPNY004AD01
Polyethersulfone (PES)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPPS002AD01
Polyethersulfone (PES)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPPS004AD01
Polyethersulfone Asymmetric (PES)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPPX002AD01
Nitrocellulose Mixed Esters (MCE)	0.22	FLL/MLS	Acrylic	Transparent	FJ25BNCNC002AD01
Nitrocellulose Mixed Esters (MCE)	0.45	FLL/MLS	Acrylic	Transparent	FJ25BNCNC004AD01
Regenerated Cellulose (RC)	0.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPRC002AD01
Regenerated Cellulose (RC)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPRC004AD01
Polyvinylidene Fluoride (PVDF)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPPV002AD01
Polyvinylidene Fluoride (PVDF)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPPV004AD01
Polytetrafluoroethylene (PTFE)	0.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPPT002AD01
Polytetrafluoroethylene (PTFE)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPPT004AD01
Polytetrafluoroethylene Hydrophilic (PTFE HP)	0.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPPH002AD01
Polyethylene (PE)	0.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPPE002AD01
Polyethylene (PE)	0.50	FLL/MLS	Polypropylene	Transparent	FJ25BNPPE005AD01
Glass Fiber (GF)	0.70	FLL/MLS	Polypropylene	Transparent	FJ25BNPGF007AD01
Glass Fiber (GF)	1.00	FLL/MLS	Polypropylene	Transparent	FJ25BNPGF010AD01
Glass Fiber (GF)	1.20	FLL/MLS	Polypropylene	Transparent	FJ25BNPGF012AD01
Glass Fiber (GF)	3.10	FLL/MLS	Polypropylene	Transparent	FJ25BNPGF031AD01

Exacta+Optech official partner of GVS S.p.a.

EXACTA+OPTECH LABCENTER S.p.A.  
Via Bosco, 21 - 41030 S. Prospero (MO) Italia  
tel. +39 059 808 101 - Fax +39 059 906 556  
info@exactaoptech.com - www.exactaoptech.com