

# MICROFILTRATION

## Syringe Filters

GVS offers a complete range of syringe filter connectors designed for an efficient filtration and easily handling. GVS can also provide different combinations to meet your needs.

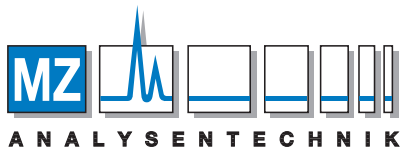
Abluo and Cameo ensures fast and efficient filtration of your samples.



The Abluo Series is available in 13 mm and 33 mm sterile and non sterile with wide variety of membranes. Abluo is made with ultrasonic weld with two adaptor combinations available: FLL / MLL and FLL / MLS. The housing material can be acrylic or polypropylene to adapt your samples.



The Cameo series is available in 17 mm and 33 mm (Cameo Plus) non sterile. Cameo filters are designed with Polypropylene housing and overmolded ring. Cameo filters are available with the adaptor combination of FLL/MLS.



### AUTHORIZED DISTRIBUTOR

MZ-Analysentechnik GmbH, Barcelona-Allee 17 • D-55129 Mainz

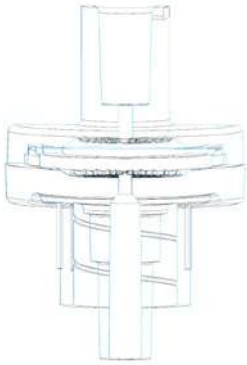
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# SYRINGE FILTERS

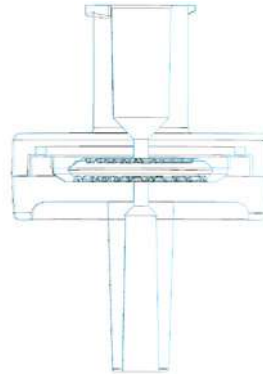
## 13mm Abluo CA

Ultrasonically welded



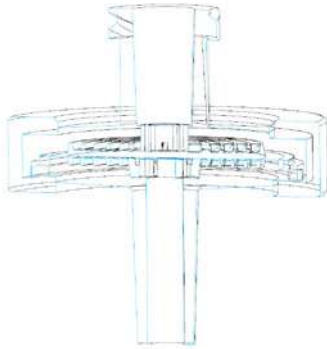
## 13mm Abluo RC

Ultrasonically welded



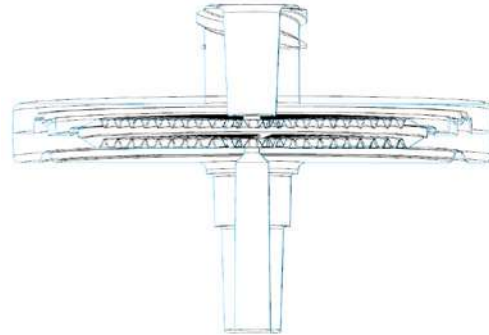
## 17mm Cameo

Overmolded



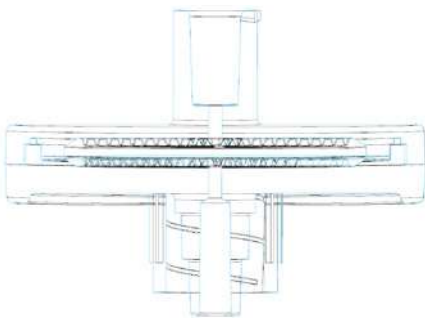
## 33mm Cameo Plus

Overmolded



## 33mm Abluo

Ultrasonically welded



### Legend

Inlet Connector Female Luer Lock (FLL) (ISO 80369-7)

Outlet Connector, Male Luer Slip (MLS) or Male Luer Lock (MLL) (ISO 80369-7)

## 33 mm ABLUO Syringe Filters



### Characteristics

- Membrane Materials:** Cellulose Acetate, Glass Fiber, Nitrocellulose (MCE), Nylon 66, PES, Polyethylene, PTFE, PVDF, Regenerated Cellulose
- Housing Diameter:** 33 mm
- Membrane Diameter:** 25 mm
- Effective Filtration Area:** 4.6 cm<sup>2</sup>
- 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
- Sterile:** No

### 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
- ◆ Neutraceutical sample preparation

### 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	FJ25ANCCA002DD01
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 66 (NY)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPNY002AD01
Nylon 66 (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
Mixed Cellulose Esters (MCE)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPNC002AD01
Mixed Cellulose Esters (MCE)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPNC004AD01
Regenerated Cellulose (RC)	0.22	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)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPPT002AD01
Polytetrafluoroethylene (PTFE)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPPT004AD01
Polytetrafluoroethylene Hydrophilic (PTFE HP)	0.22	FLL/MLS	Polypropylene	Transparent	FJ25BNPPH002AD01
Polytetrafluoroethylene Hydrophilic (PTFE HP)	0.45	FLL/MLS	Polypropylene	Transparent	FJ25BNPPH004AD01
Polyethylene (PE)	0.22	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