

# MICROFILTRATION

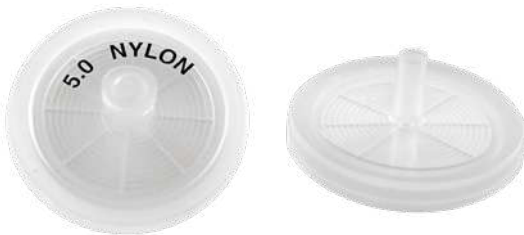
## Syringe Filters

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.

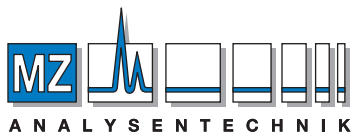


The Abluo Series is available in 13 mm and 33 mm sterile and non sterile with wide variety of membranes. Abluo is made with ultrasonic weld with two adaptor combinations available: FLL / MLL and FLL / MLS. The housing material can be acrylic or polypropylene to adapt your samples.



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.



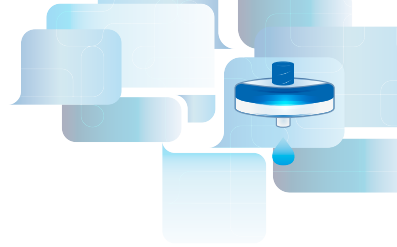
### AUTHORIZED DISTRIBUTOR

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

Tel +49 6131 880 96-0, Fax +49 6131 880 96-20

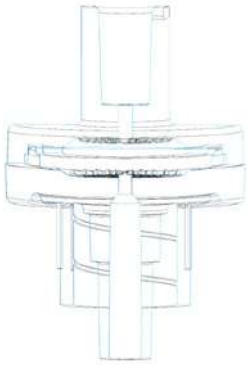
e-mail: [info@mz-at.de](mailto:info@mz-at.de), [www.mz-at.de](http://www.mz-at.de)

# SYRINGE FILTERS



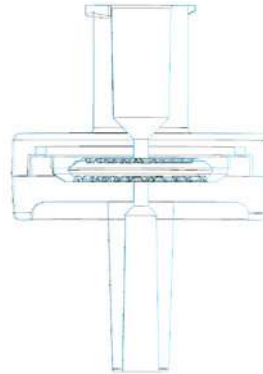
## 13mm Abluo CA

Ultrasonically welded



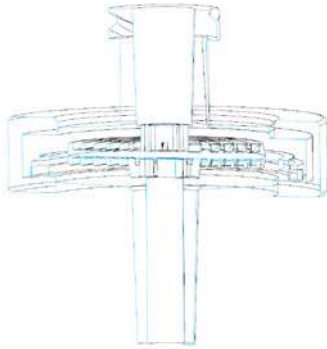
## 13mm Abluo RC

Ultrasonically welded



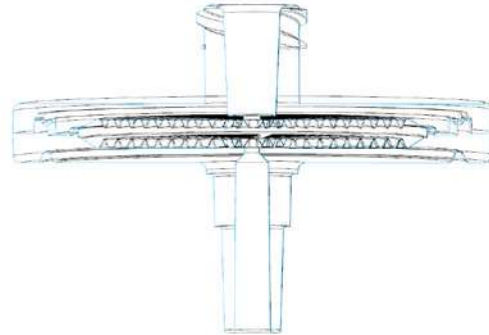
## 17mm Cameo

Overmolded



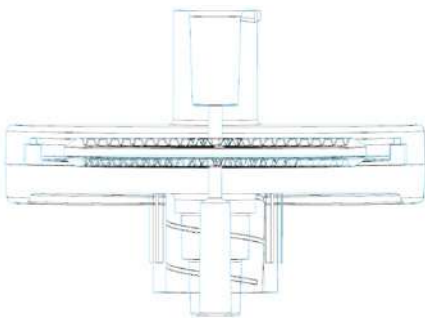
## 33mm Cameo Plus

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 STERILE ABLUO Syringe Filters



### Characteristics

**Membrane Materials:** Cellulose Acetate, Nylon, PES, PVDF, Nitrocellulose (MCE).

**Housing Diameter:** 33 mm

**Membrane Diameter:** 25 mm

**Housing Material:** Acrylic Ultrasonically welded

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

**Inlet / Outlet:** FLL / MLL-MLS

**Holdup Volume:** <100 microliter

**Maximum Operating Temperature:** 50°C / 122°F

**Maximum Operating Pressure:** 80 psi

**Sterile:** Yes

### Typical Applications

- ◆ Filtration of Aqueous and Alcohol Solutions
- ◆ Sterile Filtration and Clarification
- ◆ Cell Culture
- ◆ Protein Chemistry
- ◆ Filtration of Aqueous and Organic Solutions

### 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)	0.80	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	Acrylic	Brown	FJ25ASCCA050PL01
Mixed Cellulose Esters (MCE)	0.22	FLL/MLS	Acrylic	Transparent	FJ25BSCNC002AL01
Mixed Cellulose Esters (MCE)	0.45	FLL/MLS	Acrylic	Transparent	FJ25BSCNC004AL01
Nylon 66 (NY)	0.10	FLL/MLS	Acrylic	Transparent	FJ25BSCNY001AL01
Nylon 66 (NY)	0.22	FLL/MLS	Acrylic	Transparent	FJ25BSCNY002AL01
Nylon 66 (NY)	0.45	FLL/MLS	Acrylic	Transparent	FJ25BSCNY004AL01
Nylon 66 (NY)	1.20	FLL/MLS	Acrylic	Transparent	FJ25BSCNY012AL01
Nylon 66 (NY)	5.00	FLL/MLS	Acrylic	Transparent	FJ25BSCNY050AL01
Polyethersulfone (PES)	0.80	FLL/MLS	Acrylic	Transparent	FJ25BSCPS008AL01
Polyethersulfone (PES)	0.22	FLL/MLS	Acrylic	Transparent	FJ25BSCPS002AL01
Polyethersulfone (PES)	0.45	FLL/MLS	Acrylic	Transparent	FJ25BSCPS004AL01
Polyvinylidene Fluoride (PVDF)	0.22	FLL/MLS	Acrylic	Transparent	FJ25BSCPV002AL01
Polyvinylidene Fluoride (PVDF)	0.45	FLL/MLS	Acrylic	Transparent	FJ25BSCPV004AL01