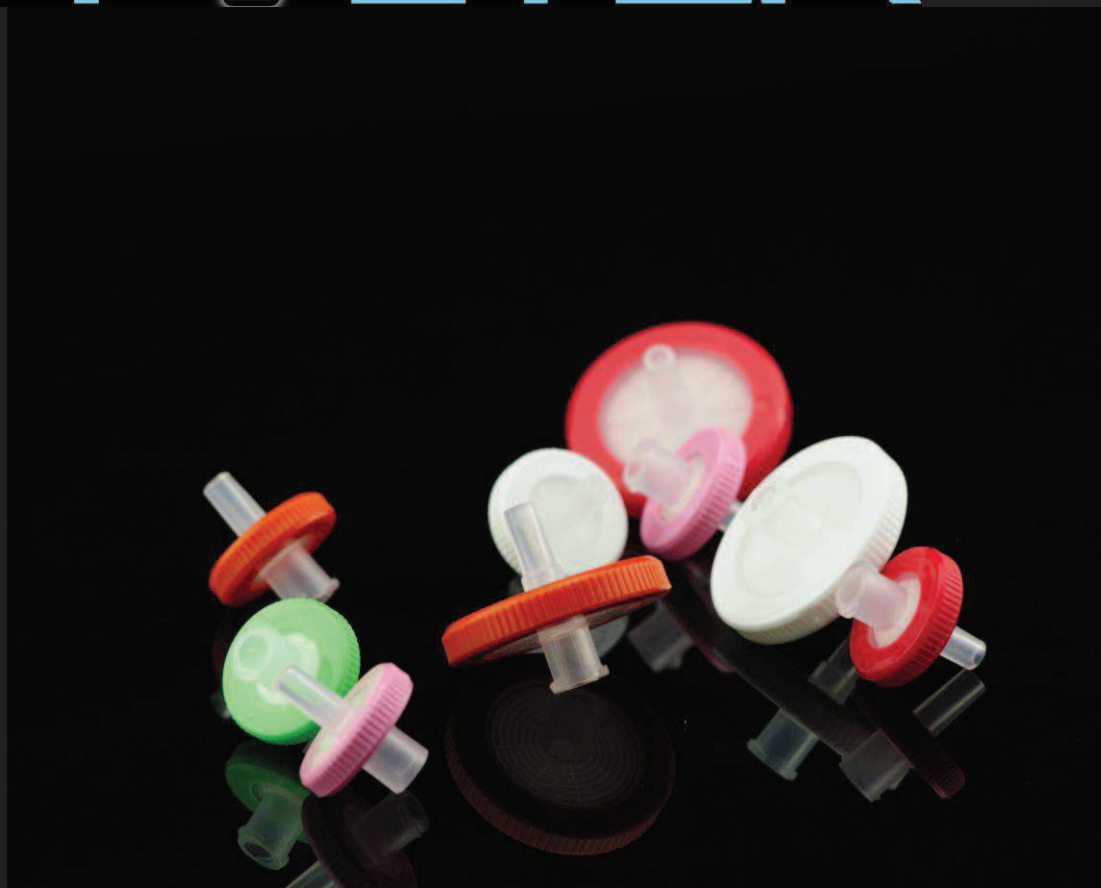


CHROM FILTER



Rivenditore per l'Italia
B&C Biotech S.r.l.

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Why filter your samples before analysis?

Prefiltering your sample and mobile phase solutions for particulates and microbial growth prior to analysis is critical to preventing column and frit blockage, undue wear on detectors, pumps, valves, injector seals, and abnormally high operating pressures. Non-filtered samples can also lead to non-reproducible analytical results and significant instrument downtime. Filtering every sample before injection is the easiest way to improve your results, to protect your system, and extend column lifetime.

Benefits of Using Chromfilter® Syringe Filters Daily:

- Less system downtime
- More consistent, reproducible results
- Protect Your Column and Equipment

Designed for your application:

- HPLC sample preparation
- Routine QC analysis
- Content uniformity
- Removal of protein precipitates
- Dissolution testing
- Food analysis
- Biofuel analysis
- Environmental samples

Application / Sample	Recommended Filter	First Alternative
HPLC and GC Sample Prep	Hydrophilic PVDF	Hydrophilic PTFE
Aggressive or Pure Organic Solvents	Hydrophobic PTFE	PTFE
Protein Analysis / Biological Samples	Hydrophilic PVDF	PES
High Particulate Loads	GF/ PP	GF + PTFE
Environmental Methods	GF/MCE	GF + NY
Food and Beverage	GF/ MCE	GF + NY
Clinical / Toxicology	Steriled Hydrophilic PVDF	Steriled PES
Dissolution Testing	GF	NY
Ion Chromatography	RC	PES
Trace Metals (ICP-MS, AAS)	RC	PES
Capillary Electrophoresis (CE)	RC	PES
Tissue Cultures, Media, Buffers	Hydrophilic PVDF	GF/PES

Enhanced Quality

No matter in manufacturing or testing, quality is a life of product as principal we are all continuously running after.

Raw material

All the membrane is imported for some leading company who is well known in producing membrane.

It is cut into some disc membrane that guarantee exceptional integrity when filtering some sample. Then through into non-gap sealing, virgin medical PP material from CK company is placed to contain all the disc membrane.

It has superior performance to prevent leak of sample solvent and can promise membrane area being used in a large filtration area.

QC control

After manufacturing it in shape, we still focus on testing it to judge whether it is OK and using strictly quality controlled system to forbidden shoddy product.

Every 85 in 100 can be sold to our customer in the end, 15 piece is to be died out.

The shelf life of packaged product is also monitored and controlled within our warehouses to ensure efficient stock rotation.

Chromfilter[®] syringe filters are manufactured by state-of-the-art production machines and must pass a battery of certification methods and tests. Both manufacturing and packaging processes adhere to the most current quality systems and methods such as:

- ISO
- DIN
- ASTM

Each piece through this system are selected after concerning 5 factor with critical specifications set for:

- Bubble point
- Burst pressure
- Membrane adsorption (protein)
- Flow rate
- UV extractables (by HPLC)





How to select your sample preparation device ?

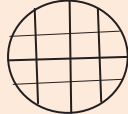
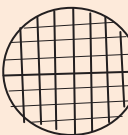
➤ Step 1: Choose the suitable membrane filtration medium Characteristics of samples

NY (Nylon)	For general sample and solvent filtration. Inherent hydrophilic characteristics and works well with all aqueous as well as most solvent-based samples. Excellent for most HPLC and GC sample and solvent preparations. Nylon exhibits a high non-specific affinity for proteins.	Hydrophilic
PTFE (Polytetrafluoroethylene)	Filtration of organic-based, highly acidic or basic samples and solvents. Widely used for chromatography, and for clarification of non-aqueous samples pre-wetting with alcohol when filtrate a aqueous samples then flushing with deionized water.	Hydrophobic
PES (Polyethersulfone)	Hydrophilic membrane with fast flow, high-throughput characteristics, with ultra-low protein binding. It is ideally suited for use in life sciences applications. Offers better chemical resistance than cellulose acetate. Recommended for filtering critical biological sampling, tissue culture media, additives, serum and buffers.	Hydrophilic
PVDF (Polyvinylidene fluoride)	As an universal hydrophilic membrane, Hydrophilic PVDF is widely used in chromatography for both clarification of aqueous and aggressive organic solutions samples. Due to its ultra-low protein and non-specific binding characteristics, hydrophilic membranes are an excellent choice for proteins, peptides and other biomolecules.	Hydrophilic

➤ Step 2: Choose the suitable diameter depending on the volume of samples

Sample Volumn	Diameter
<10ml	13mm 
<100ml	25mm 

➤ Step 3: Select pore size based on the nature of your sample and chromatographic method

General aqueous or mixed organic samples prior to HPLC analysis with column packed with $> 3 \mu\text{m}$ particles. General clarification of GC, SFC, CE, and GPC samples.	0.45 μm 
Viscous samples or samples containing high levels of particulate matter.	
General aqueous or mixed organic samples prior to HPLC analysis with columns packed with $\leq 3 \mu\text{m}$ particles. Removal of fine particulate matter prior to GC, SFC, CE, and GPC samples. For sterile filtration, 0.22 μm is recommend.	0.22 μm 
Gas samples prior to GC. Liquid samples prior to UHPLC or LC/MS. Other particulate-sensitive methods.	
Viscous samples such as serum, plasma, or other biological matrices. Solutions with high particulate load (e.g., some environmental or food and beverage applications).	0.45 μm filter with Glass Fiber prefilter

Chromfilter® Syringe Filter

are designed for efficient and cost-effective rapid filtration of almost any solution prior to analysis, and are optimized for superior flow rates and high throughput.

The classic range is available in all of the major membranes including Nylon, Hydrophilic PTFE, Hydrophobic PTFE, PES, MCE and PVDF, which are supplied in 13mm id, 25mm id formats in virgin medical polypropylene housings.

Features

- ✓ *Embossed character:* Gear edged for easily handing; color coded for easy telling the filter membrane and pore size
- ✓ *Application Compatibility:* Broad range of filtration media meets diverse application needs
- ✓ *HPLC certified for low levels of UV absorbing extractables*
- ✓ *Sterile:* Filters can be purchased pre-sterilized by Gamma radiation and individually packaged

Technical specifications

Parameters	13mm id	25mm id
Housing Material	Virgin Medical Polypropylene	
Effective Filtration Area (cm ²)	0.8	4.08
Pore Size (µm)	0.22, 0.45, ... (0.8, 1.0, 3.0)	
Holdup Volume (µl)	<25	<100
Sample Volume (ml)	<10	<100
Inlet Connection	Female luer lock (FLL)	
Outlet Connection	Male slip luer (MSL)	
Maximum Operating Temperature	50 degree	50 degree
Maximum Operating Pressure (bar)	100 psi (6.9 bar) at 20 °C	89 psi (6.0 bar) at 20 °C

Ordering information :

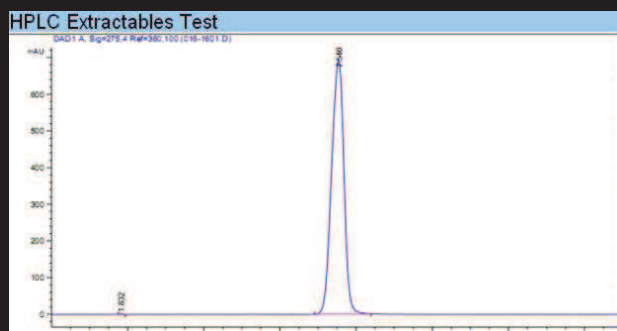
A: How to order?

S13-PTB 45-G

↓ ↓ ↓ ↓ ↓

S: Syringe Filter
13: 13mm diameter
PTB: Hydrophobic PTFE
45: 0.45µ m
G: Gear Edged

Validated HPLC Performance



Agilent Technologies 1200, Column: C18 UV = 254 nm
Mob.phase: MeOH/H₂O: 20:80, Temperature: 25°C, Flow rate: 0.8ml/min, sample: 2mg/ml Bergenin (in Methanol)

Core Competition

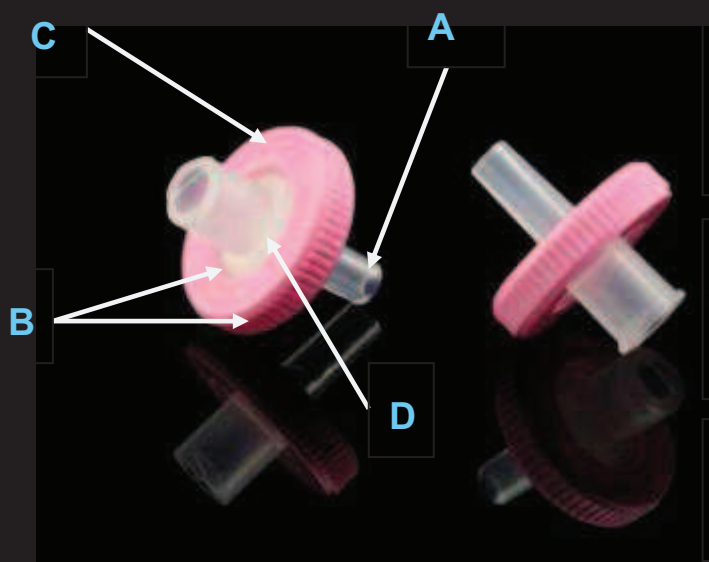
Quality: Reliable, reproducible, and contaminate-free syringe filter

Delivery: Guarantee 7-10 business days.

OEM service : The unique filter design, with LOGO printing on filter and package customization.

Value-added service: Big account discount, Bidding support.

Color Coded, Gear Edged, 13mm/25mm					
Pore Size	Nylon	PES	MCE	Hydrophobic PTFE	Hydrophilic PVDF
0.22μm	 Light green	 yellow	 green	 orange	 pink
0.45μm	 white	 blue	 Light blue	 red	 purple



A: Medical Grade PP Housing

Offers the most inert syringe filter and helps eliminate unwanted secondary interactions with the filter housing

B: Injection molding in one

Offers the most pressure resistance of the syringe filter, as it is injection molding in one, better than normal Ultrasonically Welded.

C: Identification

Membrane type and pore size are clearly identified by color coded.

D: Better membrane media

All raw membrane import from famous brand such as Membrana, GE, Donalson...from German, US or Japan.

Order Infomation

Filter Media	Diameter(mm)	PoreSize(μm)	Package	Cat. No.
NY	13	0.22	100	S13-NY22-G
	13	0.45	100	S13-NY45-G
	25	0.22	100	S25-NY22-G
	25	0.45	100	S25-NY45-G
MCE	13	0.22	100	S13-MC22-G
	13	0.45	100	S13-MC45-G
	25	0.22	100	S25-MC22-G
	25	0.45	100	S25-MC45-G
PTFE (Hydrophobic)	13	0.22	100	S13-PTB22-G
	13	0.45	100	S13-PTB45-G
	25	0.22	100	S25-PTB22-G
	25	0.45	100	S25-PTB45-G
PTFE (Hydrophilic)	13	0.22	100	S13-PTL22-G
	13	0.45	100	S13-PTL45-G
	25	0.22	100	S25-PTL22-G
	25	0.45	100	S25-PTL45-G
PES	13	0.22	100	S13-PS22-G
	13	0.45	100	S13-PS45-G
	25	0.22	100	S25-PS22-G
	25	0.45	100	S25-PS45-G
PVDF (Hydrophilic)	13	0.22	100	S13-PVL22-G
	13	0.45	100	S13-PVL45-G
	25	0.22	100	S25-PVL22-G
	25	0.45	100	S25-PVL45-G

Save your cost,

Best Solution For Syringe Filter, Join Us!



RIVENDITORE PER L'ITALIA

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Tel: ++39 075 8749592

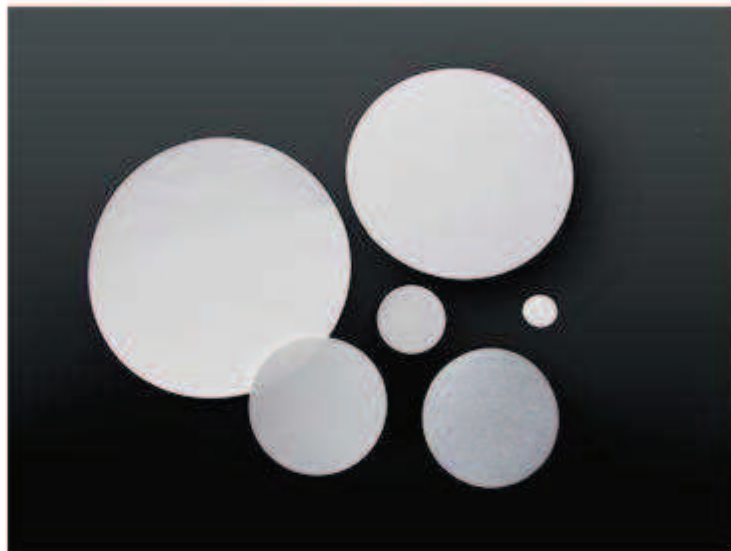
Web: www.bec-biotech.it

Email: info@bec-biotech.it



CHROMFILTER® Catalogue

Membrane Filter



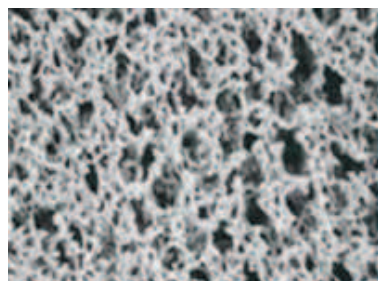
Membrane filters or "membranes" are microporous films with specific pore size ratings. Membranes retain particles and microorganisms that exceed their pore ratings by acting as a physical barrier and capturing such particles on the surface of the membrane.

FX CHROMFILTER® offers membrane filters in diameters from 13mm to 293mm and materials including PES , MCE, Nylon, PVDF , PTFE and Glass Fiber.

NYLON Membrane Filter	P2-NYP3
PTFE Membrane Filter	P3-NYP4
PES Membrane Filter	P4-NYP5
MCE Membrane Filter	P5-NYP6
Microbiology Test Membrane Filter	P6-NYP7
Absorbent Pad	P7
PVDF Membrane Filter	P8
CA Membrane Filter	P8-NYP9
PC Membrane Filter	P9-NYP11
Glass Fiber Filter	P11-NYP13

CHROMFILTER® Nylon Membrane Filter

- Hydrophilic
- High protein binding capacity
- Ideal for Bacterial and Particulate removal
- Compatible with aqueous and alcoholic solutions and solvents; suitable for HPLC



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-NY010	NYLON	0.1	13	200
M025-NY010	NYLON	0.1	25	100
M037-NY010	NYLON	0.1	37	100
M047-NY010	NYLON	0.1	47	50
M090-NY010	NYLON	0.1	90	25
M142-NY010	NYLON	0.1	142	25
M293-NY010	NYLON	0.1	293	25
M013-NY022	NYLON	0.22	13	200
M025-NY022	NYLON	0.22	25	100
M037-NY022	NYLON	0.22	37	100
M047-NY022	NYLON	0.22	47	50
M090-NY022	NYLON	0.22	90	25
M142-NY022	NYLON	0.22	142	25
M293-NY022	NYLON	0.22	293	25
M013-NY045	NYLON	0.45	13	200
M025-NY045	NYLON	0.45	25	100
M037-NY045	NYLON	0.45	37	100
M047-NY045	NYLON	0.45	47	50
M090-NY045	NYLON	0.45	90	25
M142-NY045	NYLON	0.45	142	25
M293-NY045	NYLON	0.45	293	25
M013-NY080	NYLON	0.8	13	200
M025-NY080	NYLON	0.8	25	100
M037-NY080	NYLON	0.8	37	100
M047-NY080	NYLON	0.8	47	50
M090-NY080	NYLON	0.8	90	25
M142-NY080	NYLON	0.8	142	25
M293-NY080	NYLON	0.8	293	25
M013-NY100	NYLON	1.0	13	200
M025-NY100	NYLON	1.0	25	100
M037-NY100	NYLON	1.0	37	100
M047-NY100	NYLON	1.0	47	50
M090-NY100	NYLON	1.0	90	25
M142-NY100	NYLON	1.0	142	25
M293-NY100	NYLON	1.0	293	25
M013-NY300	NYLON	3.0	13	200
M025-NY300	NYLON	3.0	25	100



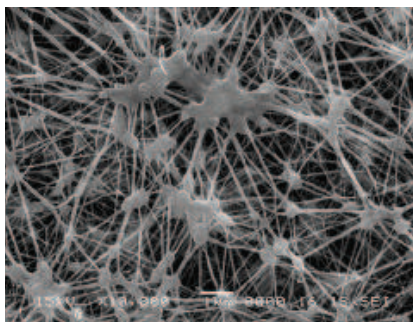
Cat. No.	Filter Medium	Pore Size (µm)	Diameter(mm)	Qty/pack
M037-NY300	NYLON	3.0	37	100
M047-NY300	NYLON	3.0	47	50
M090-NY300	NYLON	3.0	90	25
M142-NY300	NYLON	3.0	142	25
M293-NY300	NYLON	3.0	293	25
M013-NY500	NYLON	5.0	13	200
M025-NY500	NYLON	5.0	25	100
M037-NY500	NYLON	5.0	37	100
M047-NY500	NYLON	5.0	47	50
M090-NY500	NYLON	5.0	90	25
M142-NY500	NYLON	5.0	142	25
M293-NY500	NYLON	5.0	293	25



CHROMFILTER® PTFE Membrane Filter

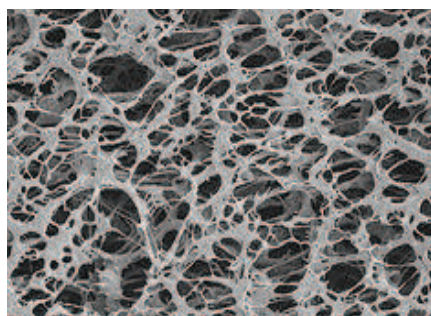
- PTFE membrane with supporting layer polyester or polypropylene
- Suitable for applications involving aggressive organic solvents, strong acids, and alkalis
- Hydrophobic nature of the membrane has applications for air and gas sterilization
- High temperature resistance

Cat. No.	Filter Medium	Pore Size(µm)	Diameter(mm)	Qty/pack
M013-PTB010	Hydrophobic PTFE	0.1	13	200
M025-PTB010	Hydrophobic PTFE	0.1	25	100
M037-PTB010	Hydrophobic PTFE	0.1	37	100
M047-PTB010	Hydrophobic PTFE	0.1	47	50
M090-PTB010	Hydrophobic PTFE	0.1	90	25
M142-PTB010	Hydrophobic PTFE	0.1	142	25
M293-PTB010	Hydrophobic PTFE	0.1	293	25
M013-PTB022	Hydrophobic PTFE	0.22	13	200
M025-PTB022	Hydrophobic PTFE	0.22	25	100
M037-PTB022	Hydrophobic PTFE	0.22	37	100
M047-PTB022	Hydrophobic PTFE	0.22	47	50
M090-PTB022	Hydrophobic PTFE	0.22	90	25
M142-PTB022	Hydrophobic PTFE	0.22	142	25
M293-PTB022	Hydrophobic PTFE	0.22	293	25
M013-PTB045	Hydrophobic PTFE	0.45	13	200
M025-PTB045	Hydrophobic PTFE	0.45	25	100
M037-PTB045	Hydrophobic PTFE	0.45	37	100
M047-PTB045	Hydrophobic PTFE	0.45	47	50
M090-PTB045	Hydrophobic PTFE	0.45	90	25
M142-PTB045	Hydrophobic PTFE	0.45	142	25
M293-PTB045	Hydrophobic PTFE	0.45	293	25
M013-PTB100	Hydrophobic PTFE	1.0	13	200
M025-PTB100	Hydrophobic PTFE	1.0	25	100





Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M037-PTB100	Hydrophobic PTFE	1.0	37	100
M047-PTB100	Hydrophobic PTFE	1.0	47	50
M090-PTB100	Hydrophobic PTFE	1.0	90	25
M142-PTB100	Hydrophobic PTFE	1.0	142	25
M293-PTB100	Hydrophobic PTFE	1.0	293	25
M013-PTB300	Hydrophobic PTFE	3.0	13	200
M025-PTB300	Hydrophobic PTFE	3.0	25	100
M037-PTB300	Hydrophobic PTFE	3.0	37	100
M047-PTB300	Hydrophobic PTFE	3.0	47	50
M090-PTB300	Hydrophobic PTFE	3.0	90	25
M142-PTB300	Hydrophobic PTFE	3.0	142	25
M293-PTB300	Hydrophobic PTFE	3.0	293	25
M013-PTB500	Hydrophobic PTFE	5.0	13	200
M025-PTB500	Hydrophobic PTFE	5.0	25	100
M037-PTB500	Hydrophobic PTFE	5.0	37	100
M047-PTB500	Hydrophobic PTFE	5.0	47	50
M090-PTB500	Hydrophobic PTFE	5.0	90	25
M142-PTB500	Hydrophobic PTFE	5.0	142	25
M293-PTB500	Hydrophobic PTFE	5.0	293	25



CHROMFILTER® PES Membrane Filter

- Inherently hydrophilic
- Low protein binding
- Good chemical compatibility
- Superior thermo stability



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-PS005	PES	0.05	13	200
M025-PS005	PES	0.05	25	100
M037-PS005	PES	0.05	37	100
M047-PS005	PES	0.05	47	50
M090-PS005	PES	0.05	90	25
M142-PS005	PES	0.05	142	25
M013-PS010	PES	0.1	13	200
M025-PS010	PES	0.1	25	100
M037-PS010	PES	0.1	37	100
M047-PS010	PES	0.1	47	50
M090-PS010	PES	0.1	90	25
M142-PS010	PES	0.1	142	25



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-PS022	PES	0.22	13	200
M025-PS022	PES	0.22	25	100
M037-PS022	PES	0.22	37	100
M047-PS022	PES	0.22	47	50
M090-PS022	PES	0.22	90	25
M142-PS022	PES	0.22	142	25
M013-PS045	PES	0.45	13	200
M025-PS045	PES	0.45	25	100
M037-PS045	PES	0.45	37	100
M047-PS045	PES	0.45	47	50
M090-PS045	PES	0.45	90	25
M142-PS045	PES	0.45	142	25
M013-PS065	PES	0.45	13	200
M025-PS065	PES	0.65	25	100
M037-PS065	PES	0.65	37	100
M047-PS065	PES	0.65	47	50
M090-PS065	PES	0.65	90	25
M142-PS065	PES	0.65	142	25
M013-PS100	PES	0.65	13	200
M025-PS100	PES	1.0	25	100
M037-PS100	PES	1.0	37	100
M047-PS100	PES	1.0	47	50
M090-PS100	PES	1.0	90	25
M142-PS100	PES	1.0	142	25

CHROMFILTER® MCE Membrane Filter

- A mixture of nitrocellulose and cellulose acetate
- Naturally hydrophilic
- Available in both supported or non-NYsupported
- High porosity provides superior flow rates
- Ideal for use in lateral flow assays and dot/slot blotting

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-MC022	MCE	0.22	13	200
M025-MC022	MCE	0.22	25	100
M037-MC022	MCE	0.22	37	50
M047-MC022	MCE	0.22	47	50
M090-MC022	MCE	0.22	90	25
M142-MC022	MCE	0.22	142	25
M293-MC022	MCE	0.22	293	25





Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-MC045	MCE	0.45	13	200
M025-MC045	MCE	0.45	25	100
M037-MC045	MCE	0.45	37	50
M047-MC045	MCE	0.45	47	50
M090-MC045	MCE	0.45	90	25
M142-MC045	MCE	0.45	142	25
M293-MC045	MCE	0.45	293	25
M013-MC080	MCE	0.8	13	200
M025-MC080	MCE	0.8	25	100
M037-MC080	MCE	0.8	37	50
M047-MC080	MCE	0.8	47	50
M090-MC080	MCE	0.8	90	25
M142-MC080	MCE	0.8	142	25
M293-MC080	MCE	0.8	293	25
M013-MC100	MCE	1.0	13	200
M025-MC100	MCE	1.0	25	100
M037-MC100	MCE	1.0	37	50
M047-MC100	MCE	1.0	47	50
M090-MC100	MCE	1.0	90	25
M142-MC100	MCE	1.0	142	25
M293-MC100	MCE	1.0	293	25
M013-MC300	MCE	3.0	13	200
M025-MC300	MCE	3.0	25	100
M037-MC300	MCE	3.0	37	50
M047-MC300	MCE	3.0	47	50
M090-MC300	MCE	3.0	90	25
M142-MC300	MCE	3.0	142	25
M293-MC300	MCE	3.0	293	25
M013-MC500	MCE	5.0	13	200
M025-MC500	MCE	5.0	25	100
M037-MC500	MCE	5.0	37	50
M047-MC500	MCE	5.0	47	50
M090-MC500	MCE	5.0	90	25
M142-MC500	MCE	5.0	142	25
M293-MC500	MCE	5.0	293	25



CHROMFILTER® Microbiology Test Membrane Filter(MCE)

- Available in white and black
- Gridded or non-gridded
- Individual pack, pre-sterilized
- Standard for microbiological analysis of water, waste water, and beverages.



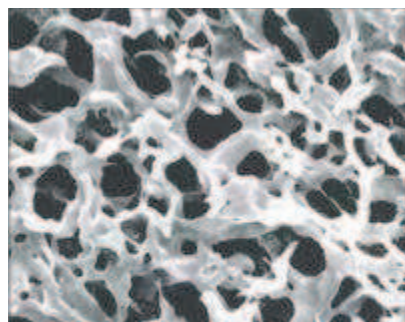
	Filter Medium	Pore Size(μm)	Diameter (mm)	Qty/pack
MCE Membrane Filter, White, Gridded, Sterile, Individually packed				
M025-MC022-GWS	MCE	0.22	25	100
M037-MC022-GWS	MCE	0.22	37	100
M047-MC022-GWS	MCE	0.22	47	100
M025-MC045-GWS	MCE	0.45	25	100
M037-MC045-GWS	MCE	0.45	37	100
M047-MC045-GWS	MCE	0.45	47	100
M025-MC080-GWS	MCE	0.8	25	100
M037-MC080-GWS	MCE	0.8	37	100
M047-MC080-GWS	MCE	0.8	47	100
M025-MC100-GWS	MCE	1.0	25	100
M037-MC100-GWS	MCE	1.0	37	100
M047-MC100-GWS	MCE	1.0	47	100
M025-MC300-GWS	MCE	3.0	25	100
M037-MC300-GWS	MCE	3.0	37	100
M047-MC300-GWS	MCE	3.0	47	100
MCE Membrane Filter, Black, Gridded, Sterile, Individually packed				
M025-MC045-GBS	MCE	0.45	25	100
M037-MC045-GBS	MCE	0.45	37	100
M047-MC045-GBS	MCE	0.45	47	100
M025-MC080-GBS	MCE	0.8	25	100
M037-MC080-GBS	MCE	0.8	37	100
M047-MC080-GBS	MCE	0.8	47	100

CHROMFILTER® Absorbent Pad

- Pure cellulose pad will not inhibit any bacterial grow.
- Available non-sterile or sterilized by gamma irradiation.
- Individually packed for pre-sterilized
- Customized diameter is available



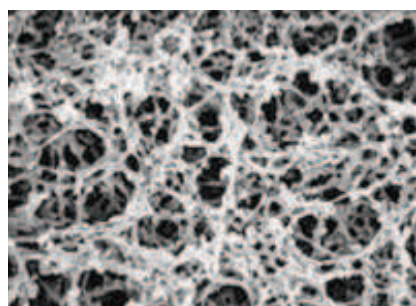
Cat. No.	Description	Diameter(mm)	Qty/pack
M047-APN	Non-sterile Absorbent Pad	47	100
M047-APS	Sterile Absorbent Pad, individually packed	47	100
M050-APN	Non-sterile Absorbent Pad	50	100
M050-APS	Sterile Absorbent Pad, individually packed	50	100
M015050-APD	Petri-Pad dish, 55×15mm, with absorbent pad, sterile	50	200



CHROMFILTER® PVDF Membrane Filter

- Wide chemical compatibility
- Excellent mechanical properties
- High temperature capabilities
- Low extractable levels

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-PVB022	PVDF	0.22	13	200
M025-PVB022	PVDF	0.22	25	100
M037-PVB022	PVDF	0.22	37	100
M047-PVB022	PVDF	0.22	47	50
M090-PVB022	PVDF	0.22	90	25
M142-PVB022	PVDF	0.22	142	25
M293-PVB022	PVDF	0.22	293	25
M013-PVB045	PVDF	0.45	13	200
M025-PVB045	PVDF	0.45	25	100
M037-PVB045	PVDF	0.45	37	100
M047-PVB045	PVDF	0.45	47	50
M090-PVB045	PVDF	0.45	90	25
M142-PVB045	PVDF	0.45	142	25
M293-PVB045	PVDF	0.45	293	25

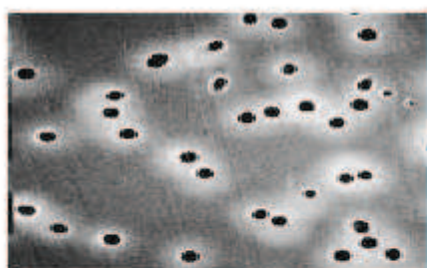


CHROMFILTER® CA Membrane Filter

- Hydrophilic
- Very low protein binding capacity
- High physical strength
- Strength and dimension stability

Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
M013-CA022	Cellulose Acetate	0.22	13	200
M025-CA022	Cellulose Acetate	0.22	25	100
M037-CA022	Cellulose Acetate	0.22	37	100
M047-CA022	Cellulose Acetate	0.22	47	50
M090-CA022	Cellulose Acetate	0.22	90	25
M142-CA022	Cellulose Acetate	0.22	142	25
M293-CA022	Cellulose Acetate	0.22	293	25
M013-CA045	Cellulose Acetate	0.45	13	200
M025-CA045	Cellulose Acetate	0.45	25	100
M037-CA045	Cellulose Acetate	0.45	37	100

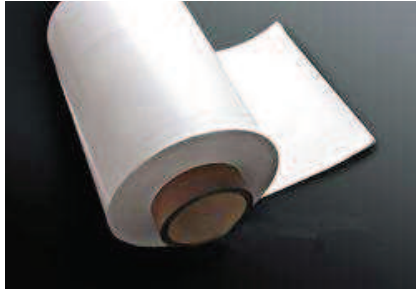
Cat. No.	Filter Medium	PoreSize(μm)	Diameter(mm)	Qty/pack
M047-CA045	Cellulose Acetate	0.45	47	50
M090-CA045	Cellulose Acetate	0.45	90	25
M142-CA045	Cellulose Acetate	0.45	142	25
M293-CA045	Cellulose Acetate	0.45	293	25
M013-CA080	Cellulose Acetate	0.8	13	200
M025-CA080	Cellulose Acetate	0.8	25	100
M037-CA080	Cellulose Acetate	0.8	37	100
M047-CA080	Cellulose Acetate	0.8	47	50
M090-CA080	Cellulose Acetate	0.8	90	25
M142-CA080	Cellulose Acetate	0.8	142	25
M293-CA080	Cellulose Acetate	0.8	293	25
M013-CA300	Cellulose Acetate	3.0	13	200
M025-CA300	Cellulose Acetate	3.0	25	100
M037-CA300	Cellulose Acetate	3.0	37	100
M047-CA300	Cellulose Acetate	3.0	47	50
M090-CA300	Cellulose Acetate	3.0	90	25
M142-CA300	Cellulose Acetate	3.0	142	25
M293-CA300	Cellulose Acetate	3.0	293	25



CHROMFILTER® Polycarbonate PC Membrane Filter

- Precise pore sizes and pore distribution for absolute filtration and separation
- Excellent chemical resistance and thermal stability
- Smooth glass-like surface with cylindrical pores for maximum particulate capture
- Optically transparent in most pore sizes

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M013-PC005	PC	0.05	13	100
M025-PC005	PC	0.05	25	100
M037-PC005	PC	0.05	37	100
M047-PC005	PC	0.05	47	100
M090-PC005	PC	0.05	90	30
M142-PC005	PC	0.05	142	25
M293-PC005	PC	0.05	293	25
M013-PC010	PC	0.1	13	100
M025-PC010	PC	0.1	25	100
M037-PC010	PC	0.1	37	100
M047-PC010	PC	0.1	47	100
M090-PC010	PC	0.1	90	30
M142-PC010	PC	0.1	142	25
M293-PC010	PC	0.1	293	25
M013-PC020	PC	0.2	13	100
M025-PC020	PC	0.2	25	100



Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M037-PC020	PC	0.2	37	100
M047-PC020	PC	0.2	47	100
M090-PC020	PC	0.2	90	30
M142-PC020	PC	0.2	142	25
M293-PC020	PC	0.2	293	25
M013-PC040	PC	0.4	13	100
M025-PC040	PC	0.4	25	100
M037-PC040	PC	0.4	37	100
M047-PC040	PC	0.4	47	100
M090-PC040	PC	0.4	90	30
M142-PC040	PC	0.4	142	25
M293-PC040	PC	0.4	293	25
M013-PC080	PC	0.8	13	100
M025-PC080	PC	0.8	25	100
M037-PC080	PC	0.8	37	100
M047-PC080	PC	0.8	47	100
M090-PC080	PC	0.8	90	30
M142-PC080	PC	0.8	142	25
M293-PC080	PC	0.8	293	25
M013-PC100	PC	1.0	13	200
M025-PC100	PC	1.0	25	100
M037-PC100	PC	1.0	37	100
M047-PC100	PC	1.0	47	100
M090-PC100	PC	1.0	90	30
M142-PC100	PC	1.0	142	25
M293-PC100	PC	1.0	293	25
M013-PC300	PC	3.0	13	100
M025-PC300	PC	3.0	25	100
M037-PC300	PC	3.0	37	100
M047-PC300	PC	3.0	47	100
M090-PC300	PC	3.0	90	30
M142-PC300	PC	3.0	142	25
M293-PC300	PC	3.0	293	25
M013-PC500	PC	5.0	13	100
M025-PC500	PC	5.0	25	100
M037-PC500	PC	5.0	37	100
M047-PC500	PC	5.0	47	100
M090-PC500	PC	5.0	90	30
M142-PC500	PC	5.0	142	25
M293-PC500	PC	5.0	293	25
M013-PC800	PC	8.0	13	100
M025-PC800	PC	8.0	25	100
M037-PC800	PC	8.0	37	100

Cat. No.	Filter Medium	Pore Size(μm)	Diameter(mm)	Qty/pack
M047-PC800	PC	8.0	47	100
M090-PC800	PC	8.0	90	30
M142-PC800	PC	8.0	142	25
M293-PC800	PC	8.0	293	25

Note: Other sizes and pore sizes available upon request

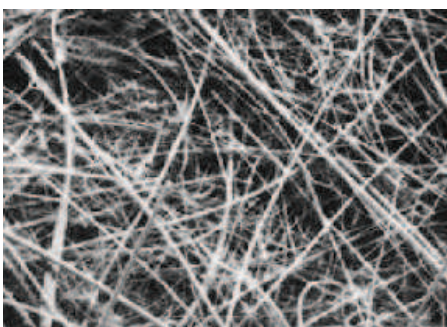
CHROMFILTER® Glass Fiber(GF) Membrane Filter

CHROMFILTER® Glass fiber filters are manufactured from 100% borosilicate glass.

These depth filters combine fast flow rate with high loading capacity&retention of fine particulates.

The small diameter fibers give glass fiber filter media superior efficiency and dirt holding to cellulose and synthetic media.

- Made of borosilicate glass fiber without binders or with binder
- Stability at high temperatures: It keeps its properties up to 500 °C and 180 °C for Grade GF10
- Usable as Pre-filter for membranes to prevent the membranes from silting up
- Large surface area provides an outstanding retention capacity.
- High flow speed and high permeability to air
- Reduce filtration costs and premature clogging when filtering difficult-to-filter or highly contaminated solutions.
- Excellent wet strength for easy handling and filter integrity.



Cat. No.	Description	Qty/pack
M021 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:21 (mm)	100
M024 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:24 (mm)	100
M025 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:25 (mm)	100
M037 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:37(mm)	100
M042 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:42.5(mm)	100
M047 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:47(mm)	100
M050 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:50(mm)	100
M055 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:55(mm)	100
M070 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:70(mm)	100
M090 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:90(mm)	100
M110 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:110(mm)	100
M125 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:125(mm)	100
M142 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:142(mm)	100
M150 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), Diameter:150(mm)	100
M810 -GFA016	Glass Fiber Filter, Binder free, Pore:1.6(μm), 8 x 10 inches	100
M021-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:21 (mm)	100
M024-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:24 (mm)	100
M025-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:25 (mm)	100
M037-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:37(mm)	100
M042-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:42.5(mm)	100

M047-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:47(mm)	100
M050-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:50(mm)	100
M055-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:55(mm)	100
M070-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:70(mm)	100
M090-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:90(mm)	25
M110-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:110(mm)	25
M125-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:125(mm)	25
M142-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:142(mm)	25
M150-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), Diameter:150(mm)	25
M810-GFB100	Glass Fiber Filter, Binder free, Pore:1.0(μm), 8 x 10 inches	25
M021-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:21 (mm)	100
M024-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:24 (mm)	100
M025-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2μm, Diameter:25 (mm)	100
M037-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2(μm), Diameter:37(mm)	100
M042-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:42.5 (mm)	100
M047-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:47(mm)	100
M050-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:50(mm)	100
M055-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:55(mm)	100
M070-GFC120	Glass Fiber Filter, Binder free, Pore:1.2(μm), Diameter:70(mm)	100
M090-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), Diameter:90(mm)	100
M110-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), Diameter:110(mm)	100
M125-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), Diameter:125(mm)	100
M142-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), Diameter:142(mm)	100
M150-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), Diameter:150(mm)	100
M810-GFC120	Glass Fiber Filter, Binder free, Pore: 1.2 (μm), 8 x 10 inches	100
M021-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:21 (mm)	100
M024-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:24 (mm)	100
M025-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7(μm), Diameter:25 (mm)	100
M037-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:37(mm)	100
M042-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:42.5 (mm)	100
M047-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:47(mm)	100
M050-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:50(mm)	100
M055-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:55(mm)	100
M070-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:70(mm)	100
M090-GFD270	Glass Fiber Filter, Binder free, Pore:2.7(μm), Diameter:90(mm)	25
M110-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7 (μm), Diameter:110(mm)	25
M125-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7(μm), Diameter:125(mm)	25
M142-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7 (μm), Diameter:142(mm)	25
M150-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7 (μm), Diameter:150(mm)	25
M810-GFD270	Glass Fiber Filter, Binder free, Pore: 2.7 (μm), 8 x 10 inches	25
M021-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:21 (mm)	100
M024-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:24(mm)	100
M025-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:25 (mm)	100

M037-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:37(mm)	100
M042-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:42.5(mm)	100
M047-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:47(mm)	100
M050-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:50(mm)	100
M055-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:55(mm)	100
M070-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7(μm), Diameter:70(mm)	100
M090-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:90(mm)	25
M110-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:110(mm)	25
M125-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:125(mm)	25
M142-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:142(mm)	25
M150-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), Diameter:150(mm)	25
M810-GFF070	Glass Fiber Filter, Binder free, Pore: 0.7 (μm), 8 x 10 inches	25

Note: Other sizes available upon request

Related Products

Syringe Filter
Sterile syringe filter
Plastic Vacuum Filtration
Glass Multiple Vacuum Filtration Systems
Autosampler vials



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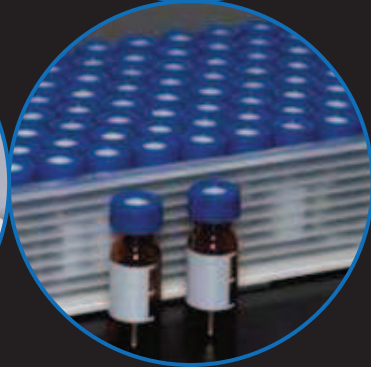
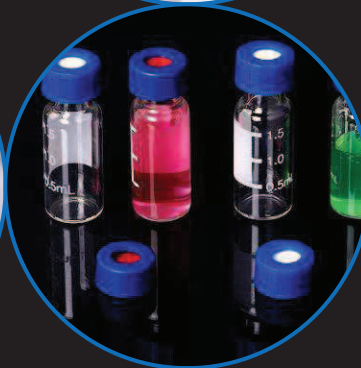
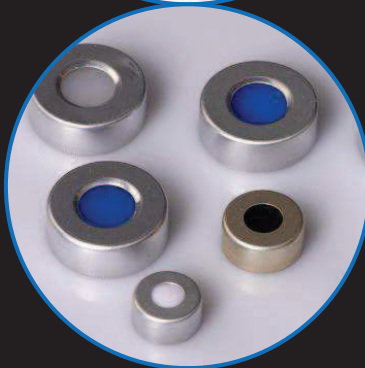
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CHROM FILTER



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Chromfilter® Sample Vials, Caps and Septa

Chromfilter® Autosampler vials

Chromfilter® Autosampler vials are manufactured from glass meeting the international standards for hydrolytic extraction, ASTM E-438 Type 1 class A borosilicate glass, compliant with the requirements of U.S. and European Pharmacopeia which improves your laboratory productivity, by reducing costs and saving time.

With a portfolio of over 1500 products to fit different autosampler, our high-quality vials, vial inserts, closures and septa will perform reliably in any application.

These products considerably reduce the risk of analytical test results compromised by ghost peaks, damaged needles or dislodged septa, decreasing analysis failures and sample reruns.



Vials Feature

- Clear glass vials—made from USP Type I, Class A, 33 Borosilicate Expansion glass, with lowest leaching characteristics and a linear coefficient of expansion of 33.
- Amber glass vials—made from USP Type 1 Class B, 51 Borosilicate Glass. (All amber borosilicate glass is made of Class B unless otherwise specified and has an expansion coefficient of 51.)
- Dimensional--Computerized camera system for quality control throughout the manufacturing process to test critical dimensions, including Height, Diameter, Bottom Thickness and Neck/Thread.
- Compatible with a wide range of HPLC, LCMS and GC Instruments.



Chromfilter® Caps/ Septa

Vial cap septa are a critical link to optimal analysis. Each septum is specified to complement the overall system and enhance chemical performance.

Chromfilter® vial cap septa are specially formulated and constructed to provide optimum system performance with minimal coring and superior chemical inertness.

The softness or hardness (durometer) is matched to the instrument and designed to work well with syringes and samples.

The size of the septum is critical to proper sealing. All **Chromfilter®** septa are specifically sized for proper sealing. Chromfilter® septa have a special detail built into the cap to the specific septa coring and eliminate the need to replace caps with extended usage.

Chromfilter® Cap—made of high quality polypropylene to exact manufacturing tolerances and lined in a controlled manufacturing environment, tested by head space GC to ensure proper curing of silicone polymer



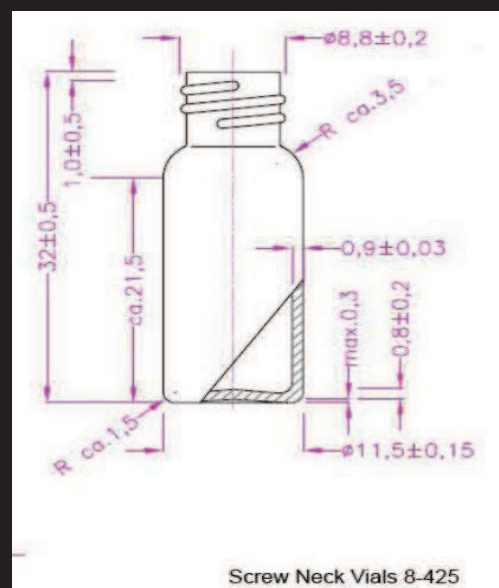
2ml 8-425 Screw neck autosampler vial

- The original, smaller opening vial with an 8-425 thread size screw cap.
- The dimensions of autosampler vials are various. They are designed to work in a variety of autosamplers requiring narrow neck vials.
- Available with black caps and a variety of septa to meet the needs of your application.

Please check the specific size of the autosampler and **Chromfilter®** 8-425 2ml vials design as picture in right.

Order Information

Part No.	Products Name/Size	pcs/pk
8-425 screw neck vial		
SV08CN	2ml Clear vial, 8-425 screw top	100
SV08CW	2ml Clear vial, 8-425 screw top, graduated with writing area	100
SV08AN	2ml Amber vial, 8-425 screw top	100
SV08AW	2ml Amber vial, 8-425 screw top, graduated with writing area	100
Caps+Septa preassembled		
AC08WK	White PTFE/red silicone septa + Black screw cap with hole, for 2ml 8-425 screw top vial	100
AC08RK	Red PTFE/white silicone septa + Black screw cap with hole, for 2ml 8-425 screw top vial	100
Caps		
AC08KH	Black screw cap with hole, for 2ml 8-425 screw top vial	100
AC08BH	Blue screw cap with hole, for 2mL 8-425 screw top vial	100
Septa		
AS08WN	White PTFE/red silicone septa, for 2ml 8-425 screw top vial	100
AS08RN	Red PTFE/white silicone septa, for 2ml 8-425 screw top vial	100

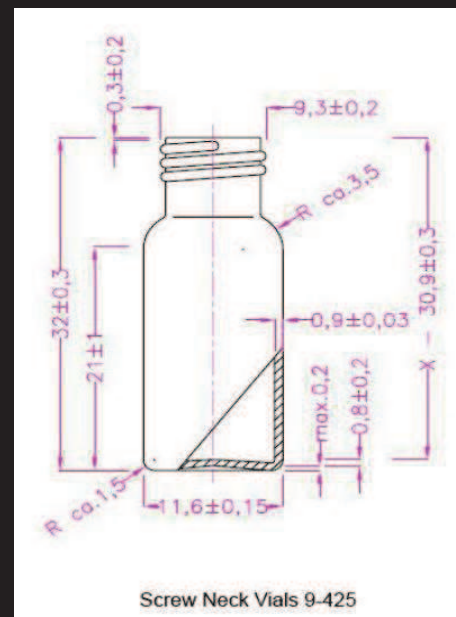


2ml 9-425 Screw neck autosampler vial

- 9-425 screw top vials is 40% larger opening than standard narrow opening vials.

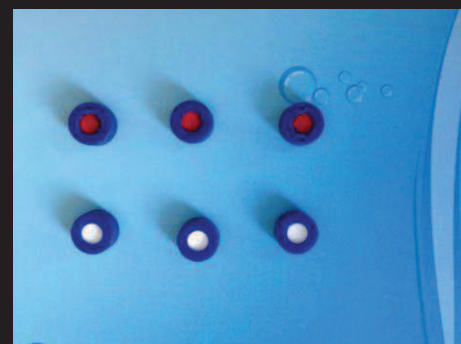
• The Universal Autosampler Vial:

- It is dimensionally equivalent to 11mm crimp top vials and 10-425 screw vials. The 9-425 screw vials can be used in any autosampler which used 11mm crimp top vials and 10-425 screw vials.
- Compared to 11mm crimp top type, the 9-425 screw one can be much applied as hand removing convenient.
- The vials can be used on all common autosamplers due to their technical geometry, preferentially they are found on Agilent, HTA, Shimadzu, Thermo, Varian, Waters, etc.



Order Information

Part No.	Products Name/Size	pcs/pk
9-425 screw neck vial		
SV09CN	2ml Clear vial, 9-425 screw top	100
SV09CW	2ml Clear vial, 9-425 screw top, graduated with writing area	100
SV09AN	2ml Amber vial, 9-425 screw top	100
SV09AW	2ml Amber vial, 9-425 screw top, graduated with writing area	100
Caps+Septa preassembled		
AC09WB	White PTFE/red silicone septa + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
AC09RB	Red PTFE/white silicone septa + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
AC09PB	Blue PTFE/white silicone septa, Pre-slit + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
Caps		
AC09BH	Blue screw cap with hole, for 2ml 9-425 screw top vial	100
Septa		
AS09WN	White PTFE/red silicone septa, for 2ml 9-425 screw top vial	100
AS09RN	Red PTFE/white silicone septa, for 2ml 9-425 screw top vial	100

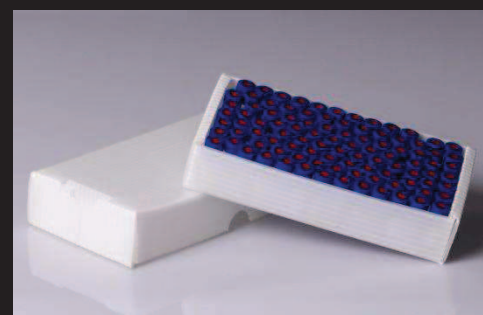


2ml 10-425 Screw neck autosampler vial

- Wide opening enables easy filling with viscous materials.
- Reduce the chances of bent or broken needles during sampling.
- Broad range of Micro-Inserts .
- Packed in a cleanroom class 100,000.
- The vials are preferentially used on instruments of the following manufacturers: Jasco, Perkin Elmer, Shimadzu, Varian, Waters®, etc.

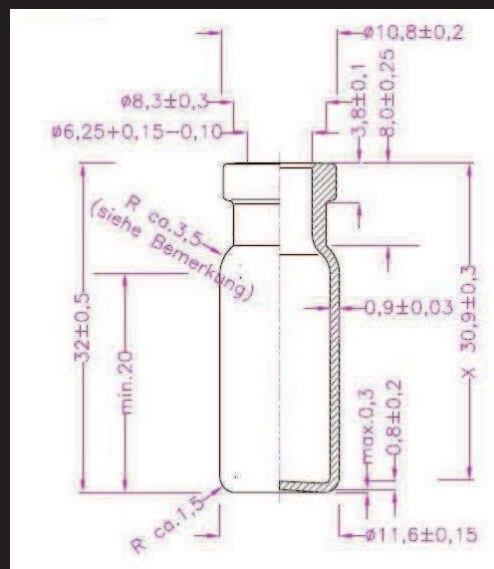
Order Information

Part No.	Products Name/Size	pcs/pk
10-425 screw neck vial		
SV10CW	2ml Clear vial, 10-425 screw top, graduated with writing area	100
SV10AW	2ml Amber vial, 10-425 screw top, graduated with writing area	100
Caps+Septa preassembled		
AC10WK	White PTFE/red silicone septa + Black screw cap with hole, for 2ml 10-425 screw top vial	100
AC10RK	Red PTFE/white silicone septa + Black screw cap with hole, for 2ml 10-425 screw top vial	100
Caps		
AC10KH	Black screw cap with hole, for 2ml 10-425 screw top vial	100
AC10BH	Blue screw cap with hole, for 2mL 10-425 screw top vial	100
Septa		
AS10WN	White PTFE/red silicone septa, for 2ml 10-425 screw top vial	100
AS10WR	Red PTFE/white silicone septa, for 2ml 10-425 screw top vial	100



2ml 11mm Crimp neck Autosampler vial

- Standard vials for GC and HPLC
- 40% larger opening than standard narrow opening vials enables easy filling and improves auto-sampler needle accuracy.
- Provides the tightest seal.
- Precision-formed neck for improved autosampler handling



Order Information

Part No.	Products Name/Size	pcs/pk
11mm Crimp neck vial		
SV11CN	2ml Clear vial, crimp top	100
SV11CW	2ml Clear vial, crimp top, graduated with writing area	100
SV11AN	2ml Amber vial, crimp top	100
SV11AW	2ml Amber vial, crimp top, graduated with writing area	100
Caps+Septa preassembled		
AC11WA	White PTFE/red silicone septa+ Aluminium cap, for 2ml crimp top vial	100
AC11RA	Red PTFE/white silicone septa+ Aluminium cap, for 2ml crimp top vial	100
Aluminium cap		
AC11AH	Aluminium cap 11 mm for 2ml crimp top vial	100
Septa		
AS11WN	White PTFE/red silicone septa, for 2ml crimp top vial	100
AS11RN	Red PTFE/white silicone septa, for 2ml crimp top vial	100



2ml 11mm Snap neck vial

- 40% larger target area which makes it much safer for the autosampler needle.
- Snap vials can be closed with either snap caps or crimp caps.
- Snap cap vials cannot be pressurized but easy as push-on, pull-off by hand.
- An audible click ensures a secure seal has been formed and that the cap is correctly aligned.
- Precision-formed neck improves autosampler handling.



Order Information

Part No.	Products Name/Size	pcs/pk
11mm Snap neck vial		
SN11CN	2ml Clear vial, snap top	100
SN11CW	2ml Clear vial, snap top, graduated with writing area	100
SN11AN	2ml Amber vial, snap top	100
SN11AW	2ml Amber vial, snap top, graduated with writing area	100
Caps+Septa preassembled		
AC11WT	White PTFE/red silicone septa + PE transparent cap with hole, for 2ml snap top vial	100
AC11RT	Red PTFE/white silicone septa + PE transparent cap with hole, for 2ml snap top vial	100



4ml 13-425 Screw neck vial

- 15x45mm vials have a 13-425 GPI thread and can hold up to 4ml of sample.
- Use the 13 x 425 caps with septa for use as sample vials and with diffusion caps for wash vials. With closed top screw seals, these vials can also be used as storage vials.
- The vials are preferentially used on instruments of the following manufacturers: Dionex, Shimadzu(AOC-14/1400, LC-10A and the SIL-2AS), Spark, Varian, VWR (MERCK®)/ Agilent 6850 autosampler tray (G2880A), Perkin-Elmer Autosystem GC, Waters 48 position tray autosampler, etc.



Order Information

Part No.	Products Name/Size	pcs/pk
4ml 13-425 Screw neck vial		
SV13CN	4ml Clear vial, 13-425 screw top	100
SV13CW	4ml Clear vial, 13-425 screw top, graduated with writing area	100
SV13AN	4ml Amber vial, 13-425 screw top	100
SV13AW	4ml Amber vial, 13-425 screw top, graduated with writing area	100
Caps+Septa preassembled		
AC13WK	White PTFE/red silicone septa + Black screw cap with hole, for 4ml 13-425 screw top vial	100
AC13RK	Red PTFE/white silicone septa + Black screw cap with hole, for 4ml 13-425 screw top vial	100
Caps		
AC13BH	Blue screw cap with hole, for 4ml 13-425 screw top vial	100
AC13BC	Blue screw cap, closed, for 4ml 13-425 screw top vial	100
Septa		
AS13WN	White PTFE/red silicone septa, for 4ml 13-425 screw top vial	100
AS13RN	Red PTFE/white silicone septa, for 4ml 13-425 screw top vial	100



Storage Vials 8ml, 12ml, 15ml, 20ml, 40ml

- A complete new range of Screw Neck Vials with different volumes (8ml, 12ml, 15ml, 20ml and 40ml) has been added to the delivery programme, FX vials are ideal for sampling or storage or general laboratory use.
- All vials are made of 1st hydrolytic class glass and are partially available in clear and amber glass.
- Natural clear silicone septa and polypropylene caps are each in re-sealable plastic bags, with extra clean to eliminate sample contamination.

Order Information



Part No.	Products Name/Size	pcs/pk
Screw Storage Vial		
SSV08C	8ml Clear vial, 16.6 x 61 mm vials, 15-425 screw top	100
SSV12C	12ml Clear vial, 19 x 65 mm vials, 15-425 screw top	100
SSV15C	15ml Clear vial, 20.6 x 71 mm vials, 18-400 screw top	100
SSV22C	22ml Clear vial, 23 x 85 mm vials, 20-400 screw top	100
SSV40C	40ml Clear vial, 28 x 95 mm vials, 24-400 screw top	100
SSV08A	8ml Amber vial, 16.6 x 61 mm vials, 15-425 screw top	100
SSV12A	12ml Amber vial, 19 x 65 mm vials, 15-425 screw top	100
SSV15A	15ml Amber vial, 20.6 x 71 mm vials, 18-400 screw top	100
SSV22A	22ml Amber vial, 23 x 85 mm vials, 20-400 screw top	100
SSV40A	40ml Amber vial, 28 x 95 mm vials, 24-400 screw top	100
Caps+Septa preassembled		
SSC15W	White PTFE/Clear Silicone + Black screw cap without hole, for 15-425 neck vials	100
SSC18W	White PTFE/Clear Silicone + Black screw cap without hole, for 18-400 neck vials	100
SSC20W	White PTFE/Clear Silicone + Black screw cap without hole, for 20-400 neck vials	100
SSC24W	White PTFE/Clear Silicone + Black screw cap without hole, for 24-400 neck vials	100
Septa		
SSS15N	White PTFE/Clear Silicone, 15-425	100
SSS18N	White PTFE/Clear Silicone, 18-400	100
SSS20N	White PTFE/Clear Silicone, 20-400	100
SSS24N	White PTFE/Clear Silicone, 24-400	100

Headspace Vials, Crimp neck

- Chromfilter high quality headspace vials have a Beveled Edge neck for a secure seal, uniform glass thickness for even heat distribution and consistent sampling reliability.
- 20mm Crimp neck with 6ml, 10ml, 20ml hold up volume. Available in flat or rounded bottom designs for accurate instrument compatibility.
- Pre-assembled 20 mm crimp caps with septa.



Order Information

Part No.	Products Name/Size	pcs/pk
20mm Crimp neck Headspace vial		
CH38CF	6 ml Clear vial, 22 x 38mm, crimp top, flat bottom	100
CH46CF	10ml Clear vial, 22.5×46mm, crimp top, flat bottom	100
CH75CF	20ml Clear vial, 22.5×75mm, crimp top, flat bottom	100
CH38CR	6 ml Clear vial, 22.5 x 38mm, crimp top, rounded bottom	100
CH46CR	10ml Clear vial, 22.5×46mm, crimp top, rounded bottom	100
CH75CR	20ml Clear vial, 22.5×75mm, crimp top, rounded bottom	100
CH46AR	10ml Amber vial, 22.5×46mm, crimp top, rounded bottom	100
CH75AR	20ml Amber vial, 22.5×75mm, crimp top, rounded bottom	100
Caps+Septa preassembled		
HC20SL	Stopper, Molded Gray Butyl, Locking Design, for 20mm crimp vial	100
HC20WA	White PTFE/white silicone septa + Aluminium cap, for 20mm crimp vial	100
HC20RA	Red PTFE/white silicone septa + Aluminium cap, for 20mm crimp vial	100
HC20MA	Molded PTFE/butyl septa + Aluminium cap, for 20mm crimp vial	100
Septa		
HS20WN	White PTFE/white silicone septa, for 20mm crimp vial	100
HS20RN	Red PTFE/white silicone septa, for 20mm crimp vial	100
HS20MN	Molded PTFE/butyl septa, for 20mm crimp vial	100



Headspace Vials, Precision Screw neck

- The Screw Neck Vials ND18 with Magnetic Screw Seals for CTC is novelties in the crimp neck dominated Headspace market. However, especially for the hard to crimp magnetic caps, screw closures are a convenient alternative.
- Reproduceable results, as untightnesses due to crimping faults by incorrectly adjusted or non-adjustable crimpers are excluded.
- The vials are preferentially used on instruments : CTC

Order Information



Part No.	Products Name/Size	pcs/pk
18mm Screw neck Headspace vial		
SH46CF	10ml Clear vial, 22.5×46mm, 18mm screw top, flat bottom	100
SH75CF	20ml Clear vial, 22.5×75mm, 18mm screw top, flat bottom	100
SH46AF	10ml Amber vial, 22.5×46mm, 18mm screw top, flat bottom	100
SH75AF	20ml Amber vial, 22.5×75mm, 18mm screw top, flat bottom	100
Caps+Septa preassembled		
HC18MM	Molded PTFE/butyl septa + Magnetic cap with hole, for 18mm screw top vial	100
HC18WM	White PTFE/white silicone septa + Magnetic cap with hole, for 18mm screw top vial	100
Caps		
HC18MH	Magnetic cap with hole, for 18mm screw top vial	100
Septa		
HS18MN	Molded PTFE/butyl septa, for 18mm screw top vial	100
HS18WN	White PTFE/white silicone septa, for 18mm screw top vial	100

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