



FINETECH RESEARCH & INNOVATION CORP.



- Vials/Caps/Septa Manufacturer
- Syringe Filter Manufacturer
- Lab Consumables Manufacturer
- Laboratory Instruments



Glass Microfiber Filter



4mm/13mm/25mm
Puretech-Syringe Filter



Vacuum Pump
Filtration System



CO2 Incubator Filters
Vacuum Pump Filters



13mm/33mm
Startech-Syringe Filter



4mm/13mm/33mm
Metech-Syringe Filter



Membrane Filter



NEW !!
4mm Metech-Syringe Filter

VISIT US

 en.finetech-filter.com

Factory registration No. 07-000299

ISO9001&ISO13485 Certificates

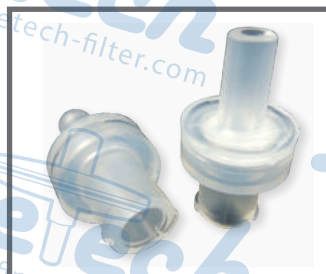
A HPLC/Air/Vent Filters

A1 Syringe Filters

A1-1 PureTech™ - Syringe Filters

- HPLC Class
- Integrity Test
- Multi choices of Membranes
- Medical Polypropylene Housing
- OEM Accepted

◆ 4mm



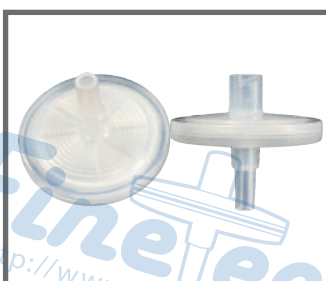
- ▶ Housing material: Medical PP
- ▶ Filtration area: 0.12cm²
- ▶ Process Volume: 1ml
- ▶ Hold-up Volume: <10ul
- ▶ Pressure Bar (PSI): 5.2 Bar (75)
- ▶ Highest Temp: 45°C

◆ 13mm



- ▶ Housing Material: Medical PP
- ▶ Filtration area: 0.65cm²
- ▶ Process Volume: 10mL
- ▶ Hold-up volume: <25ul
- ▶ Pressure Bar(PSI): 7Bar (100)
- ▶ Highest Temp. : 45°C

◆ 25mm



- ▶ Housing Material: Medical PP
- ▶ Filtration area: 3.9 cm²
- ▶ Process Volume: 100 mL
- ▶ Hold-up volume: <100ul
- ▶ Pressure Bar(PSI): 5.2Bar (75)
- ▶ Highest Temp. : 45°C

❖ Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristics
PVDF	CA	004=4mm	N(non-sterile)	020=0.20 um	I = hydrophilic
PTFE	PES	013=13mm		022=0.22 um	O = hydrophobic
Nylon	RC	030=25mm		045=0.45 um	
MCE	GF			100=1.0 um	

100pcs/pk

For example : PTFE013N045I → 13mm Syringe Filter, Hydrophilic PTFE, 0.45um

① ② ③ ④ ⑤

A1-2 MeTech™ - Syringe Filters (Color-Coding)

- HPLC Class
- Integrity Test
- Easier to distinguish different membranes
- Multi choices of Membranes
- Medical Polypropylene Housing
- OEM Accepted

◆ 4mm



- ▶ Housing material : Medical PP
- ▶ Filtration area : 0.06cm²
- ▶ Process Volume : 2 mL
- ▶ Pore size : 0.22, 0.45, 1.0um

◆ 13mm

◆ 33mm



- ▶ Housing material: Medical PP
- ▶ Filtration area : 0.8cm²
- ▶ Process Volume : 10 mL
- ▶ Hold-up volume : <15 ul
- ▶ Pressure Bar (PSI) : 7Bar(100)
- ▶ Highest Temp. : 45 °C



- ▶ Housing material: Medical PP
- ▶ Filtration area : 3.9cm²
- ▶ Process Volume : 100 mL
- ▶ Hold-up volume : <100 ul
- ▶ Pressure Bar (PSI) : 5.2Bar(75)
- ▶ Highest Temp. : 45 °C

❖ Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristics
PVDF	CA	X04=4mm	N(non-sterile)	020=0.20 um	I = hydrophilic O = hydrophobic
PTFE	PES	017=13mm		022=0.22 um	
Nylon	RC	033=33mm		045=0.45 um	
MCE	GF			100=1.0 um	
				300=3.0 um	
				500=5.0 um	

100pcs/pk

For example : PTFE017N045 → 13mm Syringe Filter, Hydrophilic PTFE, 0.45um, Color-coding

① ② ③ ④ ⑤

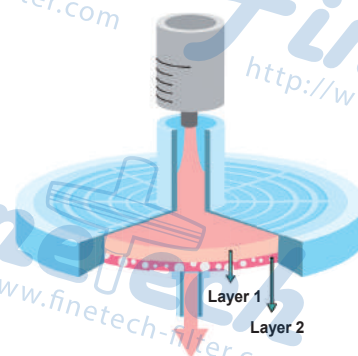
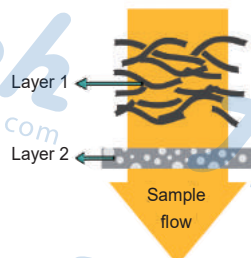
A1-3 DualTech™ - Syringe Filter



Layer 1
Glass prefilter (GF)
down to 1 um



Layer 2
Membrane filter
Nylon, PVDF, PTFE, etc.
Filters down to 0.45um or 0.2um



❖ Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristic
PVDF	PP=P	Puretech	N(non-sterile) S(E0/Gamma)	022=0.22 um	I = hydrophilic O = hydrophobic
PTFE	GF=G	013=13mm 030=25mm		045=0.45 um	
Nylon					
MCE					
CA		Metech			
PES		017=13mm			
PP		033=33mm			
RC					
GF					

100pcs/pk

For example : PTFEG030N022O → 25mm, PTFE+GF, 0.22um

① ② ③ ④ ⑤

A1-5 StarTech™ - Sterile Syringe Filters

◆ 13mm

◆ 33mm



- Increases flow rate and throughput
- Low hold-up volume (less than 25 μ L or 100 μ L)
- Lowest extractables
- Sterile individual blister bubble pack



❖ Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristics
PVDF	CA	017=13mm	N(non-sterile)	022=0.22 μ m	I = hydrophilic
PTFE	PES	033=33mm	S(E0/Gamma)	045=0.45 μ m	O = hydrophobic
Nylon	RC				
MCE	GF				

13mm : 100pcs/pk 33mm : 50pcs/pk

For example : PVDF033S022I → 33mm, PVDF membrane, sterile, 0.22 μ m

① ② ③ ④ ⑤

A1-6 Vacuum driven sterile filter cup



Sterilized
bacteria
Residual
detection

Filter bacteria	Finetech® Bacterial Retention			
diminuta	Mem- brane	Exp.-1	Exp.-2	Exp.-3
Conc. : 2.6×10^8 cfu/ml	PES			
	PVDF			

*Results :
no bacteria
growth

❖ Product

- ◆ Model No. : ST-FC500
- ◆ Capacity : 500 mL
- ◆ Filter Membrane : PVDF , PES
- ◆ Filter size : 47 mm
- ◆ Filter pore size : 0.22 、 0.45 μ m
- ◆ Filter area : 15.2 cm²
- ◆ Residue : ≥ 3 ml
- ◆ packaged : 12pcs/box
- ◆ Disposable filter



❖ Characteristics

- Available with PVDF, PES, MCE ,CA and Nylon
- Two pore sizes of membranes : 0.22 and 0.45 μ m
- Filter Diameter of 47mm with the volume size of 500 ml
- Light weight and heavy wall construction
- Designed wide and easy access bottle mouth for efficiently and stably pour out



A2 Air / Vent Filters

Specifications

Part No.	► Type1 (A2-1)	► Type2 (A2-2)	► Type3 (A2-3)	► Type4 (A2-4)
Model No.	PTFE050N022O-PC	PTFE050N022O-PC	PTFE050N022O-PC	PTFE050N022O-PC
Biosafety	Meet the requirements of USP Class VI Biological Test for plastics			
Connection	Hydrophobic PTFE 50mm 0.22um air filter Inlet: 1/8"NPT	(Accepted ID7-13mm) Hydrophobic PTFE 50mm 0.22um air filter Inlet : Stepped Hose Barb Outlet: 1/8" NPT	(Accepted ID7-13mm) Hydrophobic PTFE 50mm 0.22um air filter Inlet: Stepped Hose Barb Outlet: Stepped Hose Barb	Hydrophobic PTFE 50mm 0.22um air filter Inlet: 1/2"NPT Outlet: Stepped Hose Barb
Filtration area	19.6 cm ²			
Air flow rate	18-20 LPM@1kg/cm ²			
Housing size	65mm			
Housing material	Polycarbonate or Polypropylene			
Sterilization	EO or Autoclave			
Pore Size	0.22um 、 0.45um 、 1um or other pore size			

OEM Accepted

A3 Pipette Filters



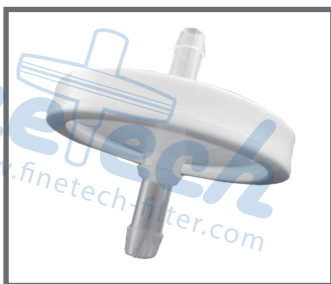
- Diameter : 27mm
- Model : PTFE027N1000
- Membrane: PTFE
- Housing Material : PVC
- Flow direction : single directions
- Application : Pipette Protection
- Pore Size : 0.2um

A4 Gas Analyser Filters



- Model : FT0220
- Filter : PTFE
- Material : PVC
- Flow direction : single directions
- Pore Size : 0.2um
- Sterilization method : E.O sterilization
- Packing : 100pcs/pk

A5 Air / Vent Filters



- Specifications : 50mm
- Model : GS-50-01
- Filter Material : glass microfiber
- Flow direction : Bi directions
- Connection : 8mm Bar
- Sterilization method : E.O sterilization

A6 Three hole delivery cap



- Fintech® Bottle Cap Kit includes ((GL-45 Cap (White PTFE Body))) and two Peek Plugs
- Cap material : Polypropylene
- Cap color: Blue
- Body material : PTFE
- Body color : white
- Two 1/8" holes and one 1/16" hole for tubing
- Peek Plug Material: Polypropylene

A7 Filter Holder

► Model No.: Holder-13



◆ 13mm

► Model No.: Holder-25



◆ 25mm

► Model No.: Holder-47



◆ 47mm

Description	13mm, 25mm, 47mm Filter Holder		
Materials	polypropylene		
Filter size	13 mm	25 mm	47 mm
Filtration area	1.3 cm ²	3.9 cm ²	13.8 cm ²
Pressure Rating (max)	2 bar		
Connections	Inlet & Outlet = Luer slip		
Autoclaving	20 minutes at 121 °C		

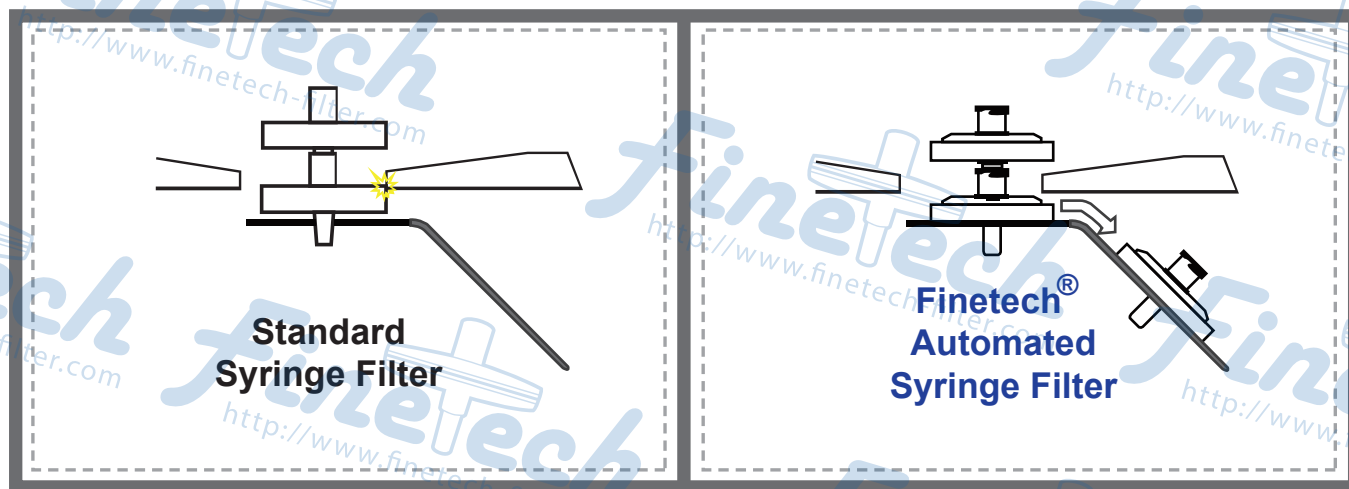
A8 Finetech® Automated Certified Syringe Filters

◆ Ideal for HPLC and UPLC automated sample processing and sample clarification

- **High flow rate** : available with multilayer membranes
- **High Throughput** : two to four times the throughput of standard glass fiber prefilter devices.
- **Superior HPLC column protection** – Better retention efficiency helps extend column life
- **Suitable for Automation devices** – Designed to be fully compatible and reliable for use with the **SOTAX** and **Zymark** automated test systems.



Consistent Turret Advancement



B Membrane Filter

B1 Membrane filter

FINETECH superior membrane disc filters provide consistent and reliable results. Optimized for HPLC media preparation, pharmaceuticals and cold sterilization, they are available in a range of sizes and membranes.

Membrane sizes from disc to roll can be customized.



Ordering Information

① M	① Membrane	② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristics
Membrane Disc	PVDF	013=13 mm	N(non-sterile) S(EO)	020=0.22 um	I = hydrophilic O = hydrophobic
	PTFE	025=25 mm		022=0.22 um	
	Nylon	047=47 mm		045=0.45 um	
	MCE	090=90 mm		100=1.0 um	
	CA	142=142mm		300=3.0 um	
	PES	293=293mm		500=5.0 um	
	PP				
	RC				
	GF				

For example : M-PVDF047N045I → 47mm, PVDF membrane, 0.45um

M-PVDF 047 N 045 I
① ② ③ ④ ⑤

B2 Glass Fiber Filter

Micro-glass fiber filters offer high efficiency, submicron particle retention combined with high permeability and high dust holding capacity . Micro-glass filters are made of high-purity borosilicate glass microfibers that are biologically inert and resistant to most solvents and reagents with the exception of hydrofluoric acid and highly concentrated alkali solutions.

Binder-free grades are temperature resistant to about 500°C. Grade MG 550 HA can withstand temperatures to 550°C.

Micro-Glass Fibers without Binder

Model No.	Basic Weight (g/m ²)	Thickness (mm)	Particle Retention in Liquids(μm)	Pressure Drop* (mbar)
MGA	52	0.23	1.6	38
MGB	143	0.70	1.0	95
MGC	52	0.24	1.2	55
MGD	120	0.53	2.7	140
MGF	75	0.45	0.7	120
MGG	65	0.28	1.5	30
MG 550-HA	65	0.3	1.5	-



■ Binder-free micro-glass fiber filters

*A = 10 cm² , flow velocity 400 cm² /sec

B3 Glass Fiber Filter for "TCLP"

Specifications

Model No.	M-GF142N070M
Typical Applications	U.S. EPA Method 1311
Size	142mm
Filter Material	Borosilicate glass without binder
Thickness	0.45mm
Nominal Pore Size	0.7µm
Pressure Drop	120 bar
Filtration Speed(mls/min)	432µm (17mils)

Cross Reference

Finetech®	Whatman	E-D Scientific Specialties	Advantec
M-GF142N070M	GF/F	151	GF 75



B4 Glass Fiber Filter for "SS" or "TSS"

Specifications

Model No.	M-GHA047N150M
Size	47mm
Filter Material	Borosilicate glass without binder
Nominal Pore Size	1µm
Thickness	330µm
Water Flow Rate mL/min/cm² at 0.3 bar water	250
Air Flow Rate L/min/cm² at 0.7 bar(70 kPa, 10 psi)	60
Maximum Operating Temperature	Air-550°C
Typical Aerosol Retention	99.98%

Cross Reference

Finetech®	Whatman	E-D Scientific Specialties	PALL
M-GHA047N150M	934-AH	161	A/E



- Standard Method 2540 D Suspended Solids

B5 Glass Filter for "TSP"

Specifications

Model No.	M-GHA0810N150M
Size	8"x10"(20cmX25cm)
Filter Material	Borosilicate glass without binder
Nominal Pore Size	1µm
Thickness	330µm
Water Flow Rate mL/min/cm² at 0.3 bar water	250
Air Flow Rate L/min/cm² at 0.7 bar(70 kPa, 10 psi)	60
Maximum Operating Temperature	Air - 550°C
Typical Aerosol Retention	99.98%

Cross Reference

Finetech®	Whatman	PALL
M-GHA0810N150M	EPM 2000	A/E



B5-1

Each filter cover with PET pad. It will prevent the break in the process of transportation

B5-2

Number printing, Easy to track.

C Vacuum Pump Filtration System



C1 Vacuum Pump



VS01

- High chemical resistant
- No air pollution, maintenance free
- Thermal protection device
- Quiet and low vibration
- Economic Choice

Specifications



VS08

- High chemical resistant
- No air pollution, maintenance free
- Thermal protection device
- Low vibration/High vacuum /High flow rate /High horsepower

	VS01		VS08	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Frequency				
Power (W)	70		560	
Vaccum (mmHg)	680		700	
Max Flow Rate (L/min)	22	18	110	90
Horse Power (HP)	0.1		0.75	
Noise Level (dBA)	58		61	
N.W. (kg)	4		11	
L*W*H (cm)	20*15*19		35*21*26	

C2 Waste container

Model No.	Capacity	Material
GM-PC01	1L	PC
GM-PC02	2L	
GM-PC04	4L	



1L



2L



4L

C3 Glass Fiber Filter

Grade	Application
MGC	Apply for TSS or SS (Total suspended solids)
MGF	Apply for TCLP (Toxicity Characteristic Leaching Procedure) 142mm, 0.7um
MG550 HA	Apply for TSS or SS (Total suspended solids)

C4 Filtration Set

◆ C4-1 : 47mm Glass Filtration Set

- Quality imported glass material, uniform thickness, no bubbles
- Good sealing performance, high flow rate, standard ground
- Autoclavable

❖ Specifications

Model No.	Holder	Ground joint flask
2000-250	300ml	250ml
2000-500		500ml
2000-1000		1000ml
2000-2000		2000ml
2000-5000		5000ml

1Set/Pks, 6Pks/CTN



► 2000-1000

◆ C4-2 : Stainless Filtration Set

- SUS316
- Excellent Chemical Resistance
- Individual Control valve

❖ Specifications

Grade	Commodity		Description
FTF A0204	Manifolds Filtration	Apparatus	3 branch, glass funnel
FTF A0205	Manifolds Filtration	Apparatus	3 branch, glass funnel
FTF A0221	Manifolds Filtration	Filtration	3-branch, All SUS, without clamp
FTF A0222	Manifolds Filtration	Filtration	6-branch, All SUS, without clamp
FTF A0223	All SS Manifolds Vacuum Filtration		3-branch, All SS300ml funnel, with clamp
FTF A0224	All SS Manifolds Vacuum Filtration		6-branch, All SS300ml funnel, with clamp



D Centrifuge Tubes

D1 15ml Centrifuge Tubes



❖ Specification

- ▶ Made of ultra-clear polypropylene
- ▶ Cap Material : HDPE
- ▶ Leakproof
- ▶ Black printed graduations
- ▶ Sterility : EO
- ▶ Easy for single-hand operation
- ▶ Large white write-on area for easy marking
- ▶ Clear graduations provide an easy volume reference

D2 50ml Centrifuge Tubes



❖ Specification

- ▶ Autoclavable at 121°C 15psi for 15 minutes and freezable to -80°C.
- ▶ Leak proof, resistant to work in 65°C hybridization oven for one hour.
- ▶ Max. RCF: 9400, E-Beam or Gamma Radiation sterilized.
- ▶ These conical-bottom tubes are made of ultra-clear polypropylene
- ▶ Cap Materials : HDPE
- ▶ Leakproof
- ▶ Easy for single-hand operation
- ▶ Large white write-on area
- ▶ Clear graduations provide an easy volume reference
- ▶ Sterility : EO

❖ Specifications

	15ml	50ml
Bottom Graduation Range	0.1 ~ 1 mL	--
Bottom Graduation Interval	0.1 mL	--
Graduation Range	1.5 ~ 14.5 mL	5 ~ 47.5 mL
Graduation Interval	0.5 mL	2.5 mL
Autoclavable	--	121°C
Freezable	- 20°C	- 45°C
Maximum RCF	13,000xg	9,500xg
Sterility	EO	Gamma

FINETECH RESEARCH & INNOVATION CORP.



LINE



WEBSITE

Company Profile

- Finetech research and innovation Corporation has engaged in medical field and Laboratory Consumables for many years. We are concentrating on the manufacturing research and innovation of the syringe filters and the sales of Lab equipment and supplies.
- Syringe filter is designed to provide efficient filtration of aqueous and organic solutions. It can be used to remove particles from a sample, prior to analysis by HPLC and also available for the filtration of gases, and for the removal of bacteria from a sample. Our products are widely used in environmental, pharmaceutical, biotechnology, and agricultural testing laboratories.
- Finetech research and innovation Corp. adheres to the principles of quality first, technological innovation and good-faith services and has won a number of favors from domestic and international clients.



Contact us

FINETECH RESEARCH & INNOVATION CORP

● Filter ● Sample vials ● Glass fiber filter ● Biochemical supplies ● Syringe filter ● Air filter

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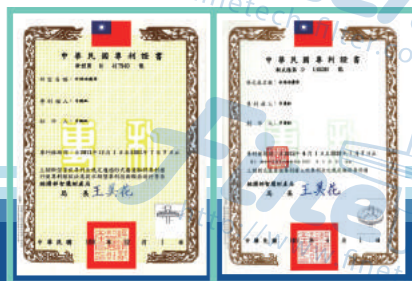
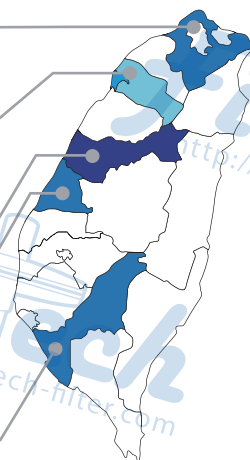
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