



FINETECH RESEARCH & INNOVATION CORP.



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

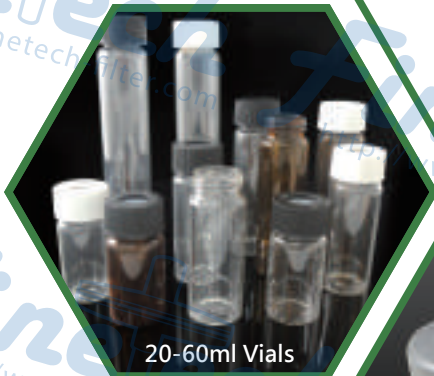


Crimp Top Vials

Septa



20-60ml Vials



Aluminum Caps



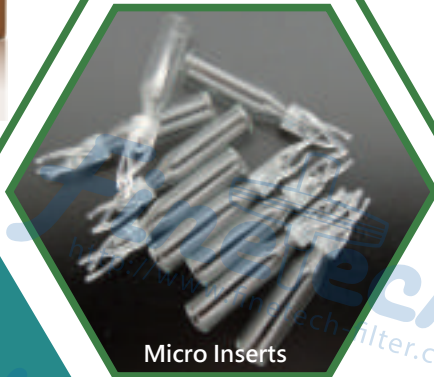
2ml Vials



4ml Vials



Micro Inserts



NEW !!

Pre-Slit PTFE /
non-slit silicone Septa



VISIT US

 en.finetech-filter.com

Factory registration No. 07-000299

ISO-9001&ISO-13485 Certificates

A Vials, Speta & Caps

HPLC Vials & Caps

A1 HPLC 2ml Vials & Caps (8-425)

- High quality
- Unique thread design
- USP TYPE I Grade
- OEM Accepted



Specifications

Model No.	Size	Description
V8A	11.6*32mm	2ml small opening short screw-thread vial, clear
V8B		2ml small opening short screw-thread vial with write-on spot, clear
V8C		2ml small opening short screw-thread vial, amber
V8D		2ml small opening short screw-thread vial with write-on spot, amber
SC8A8A	Φ8mm	white PTFE/red Silicone septa, black screw PP cap, 5.5mm centre hole
SC8AA8A		pre-slit white PTFE/red Silicone septa, 8mm black screw PP cap, 5.5mm centre hole
SC8F8F		Nature PTFE/white Silicone spata, 8mm blace screw PP cap, 5.5mm centre hole
S8A		white PTFE/red Silicone septa
S8F		Nature PTFE/white Silicone speta

100pcs/pk

A2 HPLC 2ml Vials & Caps (9-425)



Specifications

Model No.	Size	Description
V9A	11.6*32mm	2ml wide opening short screw-thread vial, clear
V9B		2ml wide opening short screw-thread vial with write-on spot, clear
V9C		2ml wide opening short screw-thread vial, amber
V9D		2ml wide opening short screw-thread vial with write-on spot, amber
SC9A9A	Φ9mm	white PTFE/red Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
SC9F9F		nature PTFE/white Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
SC9FF9F (NEW)		pre-slit nature PTFE/non-slit white Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
S9A		white PTFE/red Silicone septa
S9F		nature PTFE/white Silicone septa
S9FF (NEW)		pre-Slit nature PTFE/non-slit white silicone septa

100pcs/pk



A3 2ml Crimp-Top Vials & Caps

- Applied to Shimadzu Varian, and other autosampler
- Caps are made of high quality aluminum

Specifications

Model No.	Size	Description
V11A	11.6*32mm	2ml wide opening crimp-top vial, clear
V11B		2ml wide opening crimp-top vial with write-on spot, clear
V11C		2ml wide opening crimp-top vial, amber
V11D		2ml wide opening crimp-top vial with write-on spot, amber
SC11A11A	Φ11mm	white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
SC11F11A-1		Non-slip Nature PTFE/White Silicone septa, 11 mm crimp -top aluminum cap, 5.5 mm centre hole
SC11AA11A		pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole

100pcs/pk

A4 Micro Insert & Shell Vials

Specifications

Model No.	Size	Description
IPA150	29*5mm	150ul Insert with mandrel interior and polymer feet, suits for ND8 Vials
IPB250	29*5.7mm	250ul Insert with mandrel interior and polymer feet, suits for ND9 Vials
IPB250-P	29*5.7mm	250ul Plastic Insert with mandrel interior and polymer feet, suits for ND9 Vials
IA250	31*5mm	250ul Micro-Insert, clear glass, flat bottom, suits for ND8 Vials
IB300	31*6mm	300ul Micro-Insert, clear glass, flat bottom, suits for ND9 Vials
V18A	8.2*40mm	1ml shell vials, 1st hydrol glass, clear, 8mm PE-Plug, soft, without inserton

100pcs/pk

A5 4ml Vials & Caps



Specifications

Model No.	Size	Description
V13A	15*45mm	4ml screw-thread vial, clear
V13B		4ml screw-thread vial, clear with write-on spot
V13C		4ml screw-thread vial, amber
V13D		4ml screw-thread vial, with write-on spot, amber
SC13D13B	Φ13mm	nature PTFE/nature silicone speta, 13mm black screw PP cap, closed-top
SC13A13A		white PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
SC13AA13A		pre-slit white PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
S13A		white PTFE/red Silicone septa

100pcs/pk

A6 8ml & 12ml Vials & Caps



Specifications

Model No.	Size	Description
V08A	17*60 mm	8ml screw-thread vial (17 x 60 mm), clear, borosilicate.
V08C	17*60 mm	8ml screw-thread vial (17 x 60 mm), amber, borosilicate.
V12A	18.75*65mm	12ml screw-thread vial 18.75*65mm, clear, borosilicate.
V12C	18.75*65mm	12ml screw-thread vial 18.75*65mm, amber, borosilicate.
SC15D15B	15.5*10mm	Black Closed Cap with Nature PTFE/White Silicone septa

100pcs/pk

Headspace Vials

A7 10ml & 20ml Screw-Tread Headspace Vials & Caps

- Applied to Shimadzu Varian, and other autosampler
- Caps are made of high quality aluminum



Specifications

Model No.	Size	Description
VA101A	22.5*46mm	10ml Clear precision screw-thread vial, round bottom
VA201A	22.5*75.5mm	20ml Clear precision screw-thread vial, round bottom
SACA00A	Φ18mm	blue PTFE/white silicone septa, 18mm magnetic precision screw-thread metal cap, 8mm centre hold

100pcs/pk

A8 10ml & 20ml Crimp-Top Headspace & Caps

Specifications

Model No.	Size	Description
VH10A	22.5*46mm	10ml crimp headspace clear vial, flat bottom
VH10B	22.5*46mm	10ml crimp headspace amber vial, flat bottom
VH20A	22.5*75.5mm	20ml crimp headspace clear vial, flat bottom
VH20B	22.5*75.5mm	20ml crimp headspace amber vial, flat bottom
SC20B20A	Φ20mm	nature PTFE/nature silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole
SBC20B20B	Φ20mm	nature PTFE/nature silicone speta, 20mm crimp-top blue magetic aluminum cap.10mm centre hole

100pcs/pk

Choosing the right Headspace Vials at the bottom

VA101A	VA201A	VH10A VH10B	VH20A VH20B
CTC Combi PAL (Varian, Gerstel, Atas, Shimadzu), PerkinElmer*, Agilent	CTC Combi PAL (Varian, Gerstel, Atas, Shimadzu), PerkinElmer*, Agilent	Agilent, Carlo Erba, DANI, Fisons	Agilent, Carlo Erba, DANI, Fisons

Headspace Vials and Closures

Headspace vials are available in both 10 mL and 20 mL capacities, flat or rounded bottom. The 20 mm crimp caps provide a consistently secure seal.

- Choice of crimp or screw top vials
- Beveled top for maximum secure seal
- Two neck lengths available
- Choice of a pressure safety release cap at 45 psi
- Available in flat or rounded bottom designs

Storage Vials: EPA/Storage/VOA Vial

A9 20mm ~ 60ml Vials

- Volume from 20ml to 60ml
- PTFE septa can resist organic solvent
- Caps are made of high quality polypropylene



Specifications

Model No.	Size	Description
V20A22ET	27*58mm	20ml screw-thread vial, clear glass
V20B22ET	27*58mm	20ml screw-thread vial, amber glass
SC22WPEET	Φ22mm	White closed top PP cap + 22mm white PE septa
V20A	27*58mm	20ml screw-thread vial, clear glass
V20B	27*58mm	20ml screw-thread vial, amber glass
V30A	27*75mm	30ml screw-thread vial, clear glass
V40A	27*95mm	40ml screw-thread vial, clear glass
V40B	27*95mm	40ml screw-thread vial, amber glass
V60A	27*140mm	60ml screw-thread vial, clear glass
V60B	27*140mm	60ml screw-thread vial, amber glass
SC22A22A	Φ22*3mm	nature PTFE/nature Silicone septa 22*3mm, 22mm white screw PP cap, 15mm centre hole
SC22A22B	Φ22*1.5mm	nature PTFE/nature Silicone septa 22*1.5mm, 22mm white screw PP cap, closed-top
SC22A22C	Φ22*3mm	nature PTFE/nature Silicone septa 22*3mm, 22mm black screw PP cap, 15mm centre hole
SC22A22D	Φ22*1.5mm	nature PTFE/nature Silicone septa 22*1.5mm, 22mm black screw polypropylene cap, closed-top
S22A-I	Φ22*3mm	nature PTFE/nature Silicone septa 22*3mm
S22A-II	Φ22*1.5mm	nature PTFE/nature Silicone septa 22*1.5mm

100pcs/pk

Why Choose VOA Vials?

VOA vials are specifically designed for use with volatile organic compounds. They are available in both clear and amber borosilicate glass and have a temperature range of -40°C to 125°C.

- Ready to use combination seals : no time-consuming and "tircky" assembly
- No contamination of the liner with sweat/fat that normally is caused by manual assembly
- Available as closed top screw or with centre hole in white or black 24-400 caps
- Broad variety of different septa materials for almost all applications



A10 9mm Plastic Micro Vials



❖Product

- ▶ Product Name: 9mm Plastic Micro Vial
- ▶ Maximum capacity: 300ul
- ▶ Recommended capacity: 250ul
- ▶ Bottle size: bottle height 32mm
- ▶ Thread diameter: 9mm
- ▶ Bottom diameter: 11.6mm
- ▶ Material: Polypropylene (PP)
- ▶ Packing quantity: 100 pcs / box

❖Specifications

Model No.	Size	Description
VP9A	9*11.6mm	0.3ml Short thread micro injection sample vials, clear, Polypropylene
VP9C	9*11.6mm	0.3ml Short thread micro injection sample vials,amber, Polypropylene

100pcs/pk

A11 9mm Glass Micro Vials



❖Product

- ▶ Product Name: 9mm Glass Micro Vial
- ▶ Maximum capacity: 300ul
- ▶ Recommended capacity: 250ul
- ▶ Bottle size: bottle height 32mm
- ▶ Thread diameter: 9mm
- ▶ Bottom diameter: 11.6mm
- ▶ Material: borosilicate
- ▶ Packing quantity: 100 pcs / box

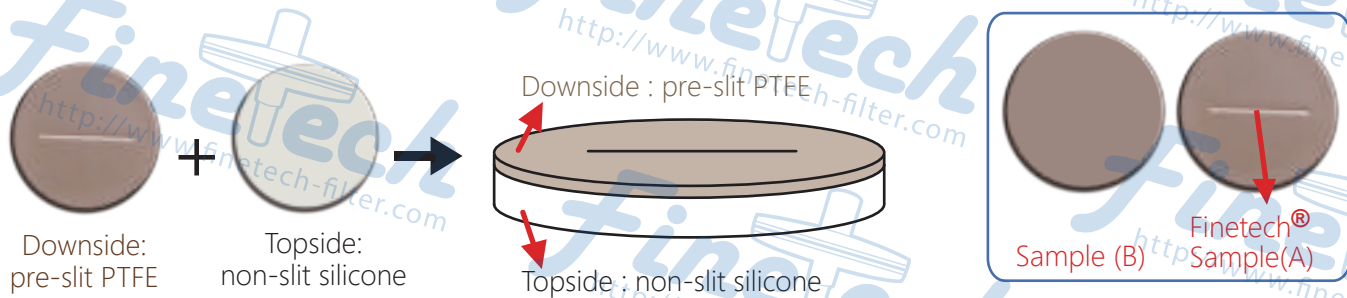
❖Specifications

Model No.	Size	Description
VL9A	9*11.6mm	300ul thread fusion type vials, clear, borosilicate.
VL9B	9*11.6mm	300ul thread fusion type vials, clear, write-on spot, borosilicate.
VL9C	9*11.6mm	300ul thread fusion type vials, amber, borosilicate.
VL9D	9*11.6mm	300ul thread fusion type vials, amber, write-on spot, borosilicate.

100pcs/pk

New Design of Septa

◆ Pre-Slit PTFE/non-slit silicone Septa



◆ Septa Benefit

Finetech® Sample (A) : Pre-slit PTFE / non-slit silicone septa.

Sample (B) : Non-slit PTFE /silicone septa.

Sample (C) : Pre-slit PTFE /silicone septa.

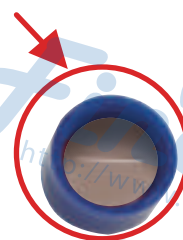
1. Finetech® Sample (A) will not be dropped off after punching many times, which is better than Sample (B) as (Fig1).
2. Finetech® Sample (A) can keep better volatility of solvent than Sample (C) as (Fig3).
3. Finetech® Sample (A) decreases the damages of micro-syringe than Sample (B).
4. Finetech® Sample (A) decreases the resistance of punching than Sample (B).
5. Finetech® Sample (A) is made of the original PTFE and Silicone.

(Fig 1)

(Fig 2)

Sample (B)

Finetech®
Sample(A)

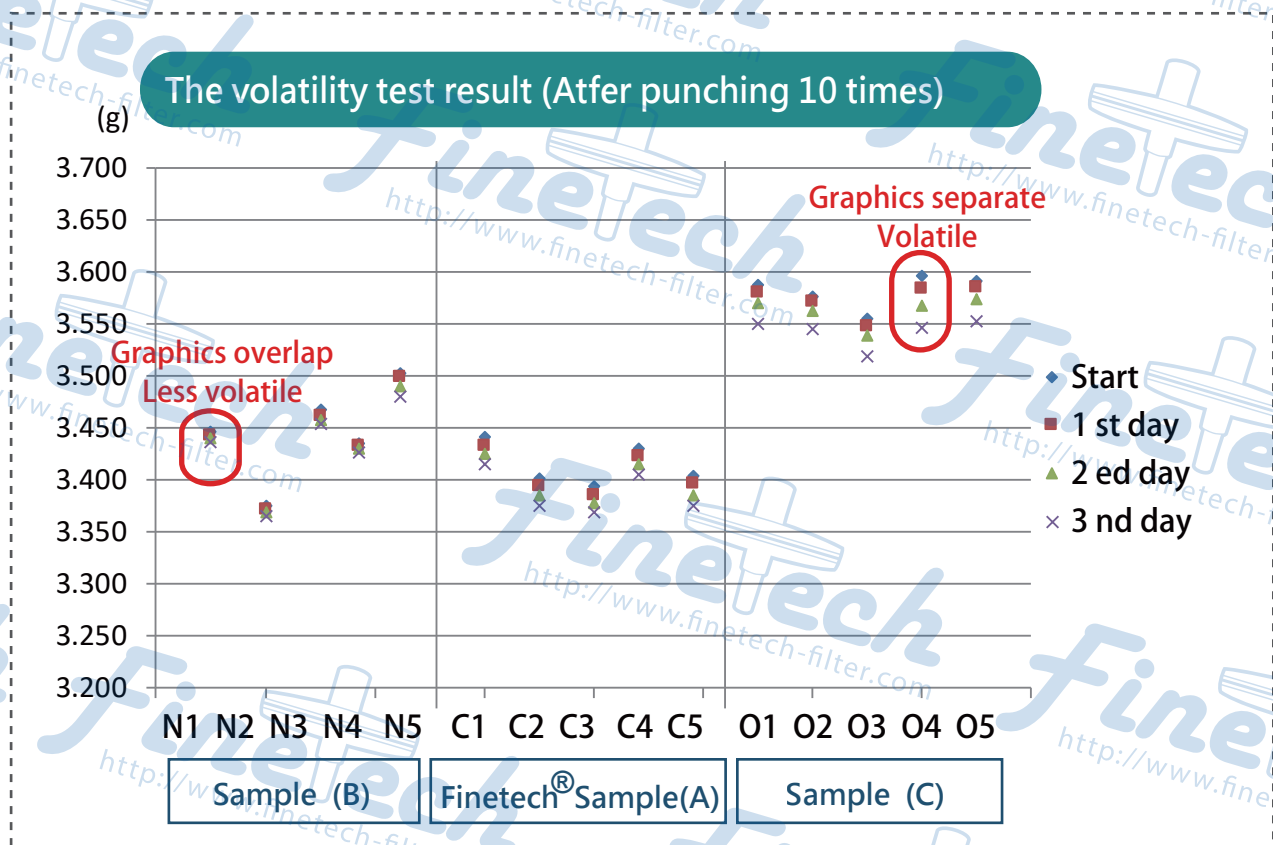


Test of Septa

A.

◆ Volatility Test

(Fig 3)



B.

◆ Punching Test



Digital Tensile Strength
Test Machine

- I. Septa and caps are assembled as (Fig2)
- II. Simulator : Use digital Tensile Strength Test Machine to measure the resistance force
- III. Measure the strength of a flat needle to punch septa
- IV. Resistance force of Finetech® Sample(A) : 0.17-0.21 kgf
Resistance force of Sample (B) : 0.34-0.39 kgf

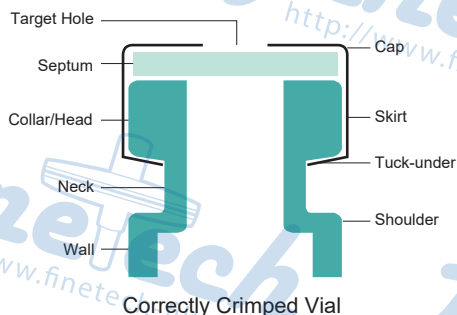
B Accessories

Hand Crimpers & Vial Racks

B1 Crimping and Decrimping Tools



Model No.	Description
HD11-S	hand crimper, with 11mm crimp seals for 2ml Crimp Top Vial
HD11-O	hand crimper, with 11mm crimp open for 2ml Crimp Top Vial
HD20-S	hand crimper, with 20mm crimp seals for 20ml Crimp Top Vial
HD20-O	hand decapper, with 20mm crimp open for 20ml Crimp Top Vial



Correctly Crimped Vial



Under Crimped Vial



Over Crimped Vial

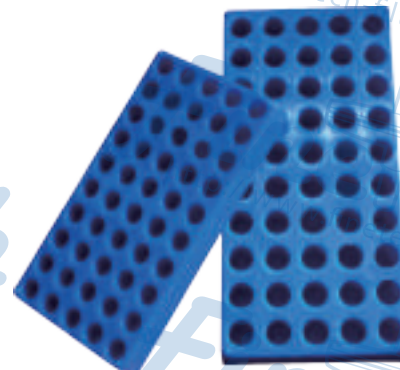
- ◆ Your selection and technique for crimping can have a significant effect on the preservation of sample integrity.
- ◆ The Finetech® system creates a perfect seal, ensuring sample integrity.
- ◆ A correctly crimped vial is neither over-crimped nor under-crimped.
- ◆ Over-crimping may cause coring or poor septum resealing.
- ◆ Under-crimping can cause evaporation problems.
- ◆ With proper adjustment of the vial crimpers, perfect crimping can be achieved every time.
- ◆ When the vial is crimped perfectly, the cap should be able to rotate and the septum should appear smooth and level.

- Painted, plated and coated for maximum corrosion resistance
- Adjustable stop for optimal sealing performance
- Textured handles for excellent grip
- Controlled, low-effort method for removing caps, reducing both sample spillage and breakages



B2 Vials Racks

- 50 holes
- Matched with 2ml and 4ml vials
- Made of polypropylene
- Easy handling and transportation of sample vials
- Stable standing position because of solid construction



RV001

RV002

Model No.	Description
RV001	2ml vials rack(PP),18.7x9.7x2.1 cm,50 holes
RV002	4ml vials rack(PP),23.6x11.6x2.8 cm,50 holes

◆ Certificate of Conformity

Date: 2008-03-04

CERTIFICATE OF CONFORMITY

We hereby certify that the neutral glass tubing of FIOLAX[®] (= Glass 8412/8414) with or without identification line, has been produced by consistently using a Quality Assurance System according to ISO 9001 as well as in accordance with our Technical Terms of Supply for Special Glass Tubing for the Manufacture of Pharmaceutical Containers.

The alkali release measured as per the powdered glass test specified for type I glass according to US Pharmacopoeia 23, ranges within the following values:

FIOLAX[®] clear : 0.30 ± 0.05 ml 0.02 N H₂SO₄ / 10 g glass
FIOLAX[®] amber : 0.35 ± 0.05 ml 0.02 N H₂SO₄ / 10 g glass

With an upper limit for the first hydrolytic class (comparable: water resistance class I resp. HGB I according to ISO 719) of

1.0 ml 0.02 N H₂SO₄ / 10 g glass

Our borosilicate glass tubing of FIOLAX[®] clear and amber therefore corresponds to the requirements of the US Pharmacopoeia, Revision 23, for type I glass as well as to the stipulations of all other known pharmacopoeia (e. g. Ph. Eur. Current edition, Ph. Jap. 13, DAB 1996). Various tests on containers made from FIOLAX[®] tubing have shown that the chloride and arsenic release are well below the limit values.

Our composition of FIOLAX[®] amber fulfils the requirements for guaranteeing Protection against light, e. g. acc. to Ph. Eur., DAB 10 and USP 23 (valid from 01.01.1995) for containers with wall thicknesses according to ISO 9187 and ISO 8362 resp. and after correct thermal treatment of the glass tubing, with exception of ampoules > 20 ml.

The heavy metal contents, e. g. lead, cadmium, mercury and hexavalent chromium of both our FIOLAX tubing and our packing are considerably below the limit values of the US and EC regulations (article 11 of stipulations 94/62/CE).

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.
- Finetech has been engaged in the design and manufacture of vials, caps, and seals. We supply products for the global chromatography, environmental, biotechnology, and laboratory communities. We continue to innovate and expand our product line to increase effectiveness in the lab and decrease costs.
- 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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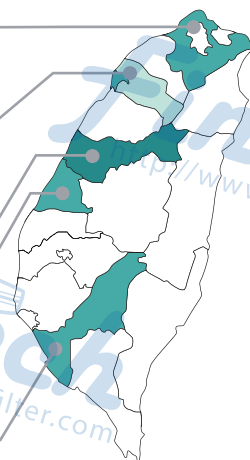
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