

HPLC/GC Vials, Caps & Septa

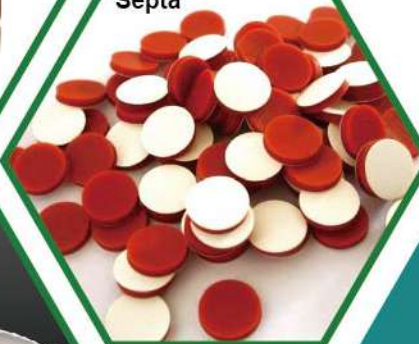


- Vials/Caps/Septa Manufacturer
- Syringe Filter Manufacturer
- Lab Consumables Manufacturer
- Laboratory Instruments



Crimp Top Vials

Septa



NEW !!
Pre-Slit PTFE /
non-slit silicone Septa



20-60mL Vials



NEW !!
Non-Slip
Aluminum Caps



2mL Vials



4mL Vials



Micro Inserts

VISIT US

 www.finetech-filters.com

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A. Vials, Caps & Septa

AI HPLC 2mL Vials & Caps (8-425)

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

Specifications



Model No.	Size	Description
V8A	11.6x32mm	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		Natural PTFE/white Silicone Septa, 8mm black screw PP cap, 5.5mm centre hole
S8A		White PTFE/red Silicone Septa
S8B		Red PTFE/white Silicone Septa
S8F		Natural PTFE/white Silicone Septa

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



Specifications

Model No.	Size	Description
V9A	11.6x32mm	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
9-SP2001-2GM	φ9mm	9-425 gold open-top magnetic screw cap
SC9A9A		White PTFE/red Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9A9A-1		Blue PP screw cap with bonded white PTFE/red Silicone Septa
SC9A9A-N (NEW)		White PTFE/red Silicone septa, Gold magnetic screw polypropylene cap, 6mm centre hole
SC9AA9A-2		Blue PP screw cap with bonded pre-slit white PTFE/red Silicone Septa
SC9F9F		Natural PTFE/white Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9F9F-C (NEW)		Nature PTFE/white Silicone septa blue screw polypropylene cap, Close-Top
SC9FF9F (NEW)		Pre-slit natural PTFE/non-slit white Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9F9FR		Natural PTFE/red Silicone septa, blue screw-thread pp cap, 6mm centre hole
S9A		White PTFE/red Silicone septa
S9B		Red PTFE/white Silicone septa
S9F		Natural PTFE/white Silicone septa
S9FF (NEW)		Pre-slit natural PTFE/non-slit white silicone septa

100pcs/pk

A3 2mL Crimp-Top Vials & Caps

- Compatible with Shimadzu, Varian, and other autosampler
- Caps are made of high quality aluminum



❖ Specifications

Model No.	Size	Description
V11A	11.6x32mm	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
SC11A11B	Φ11mm	Pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
SC11A11B-N		White PTFE/red Silicone septa, 11 mm crimp -top magnetic cap, 5.5 mm centre hole
SC11A11A	Φ12x32mm	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	29x5mm	150µL Insert with mandrel interior and polymer feet, for ND8 Vials
IPB250	29x5.7mm	250µL Insert with mandrel interior and polymer feet, for ND9 Vials
IPB250-P	29x5.7mm	250µL Plastic Insert with mandrel interior and polymer feet, for ND9 Vials (200pcs/pk)
IA250	31x5mm	250µL Micro-Insert, clear glass, flat bottom, for ND8 Vials
IB300	31x6mm	300µL Micro-Insert, clear glass, flat bottom, for ND9 Vials
V18A	8.2x40mm	1mL shell vials, 1st hydrol glass, clear, 8mm PE-Plug, soft, without insertion

100pcs/pk



A5 4mL Vials & Caps



Specifications

Model No.	Size	Description
V13A	15x45mm	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	Natural PTFE/natural silicone septa, 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	17x60mm	8mL screw-thread vial, clear, borosilicate
V08C	17x60mm	8mL screw-thread vial, amber, borosilicate
V12A	18.75x65mm	12mL screw-thread vial, clear, borosilicate
V12C	18.75x65mm	12mL screw-thread vial, amber, borosilicate
SC15D15B	15.5x10mm	Black Closed-top Cap with Natural PTFE/White Silicone septa

100pcs/pk

GC Headspace Vials

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

- Compatible with Shimadzu Varian, and other autosampler
- Caps are made of high quality aluminum



Specifications

Model No.	Size	Description
VA101A	22.5x46mm	10mL Clear precision screw-thread vial, round bottom
VA201A	22.5x75.5mm	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 Vials & Caps



Specifications

Model No.	Size	Description
VH10A	22.5x46mm	10mL crimp headspace clear vial, flat bottom
VH10B	22.5x46mm	10mL crimp headspace amber vial, flat bottom
VH20A	22.5x75.5mm	20mL crimp headspace clear vial, flat bottom
VH20B	22.5x75.5mm	20mL crimp headspace amber vial, flat bottom
S20A	22x1.5mm	Nature PTFE/nature silicone speta
C20A	Φ20mm	Crimp-top aluminum cap, 10mm centre hole
SC20B20A	Φ20mm	Natural PTFE/Natural silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole
SBC20B20B	Φ20mm	Natural PTFE/Natural silicone speta, 20mm crimp-top blue magetic aluminum cap, 10mm centre hole

100pcs/pk

Choosing the right Headspace Vials

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

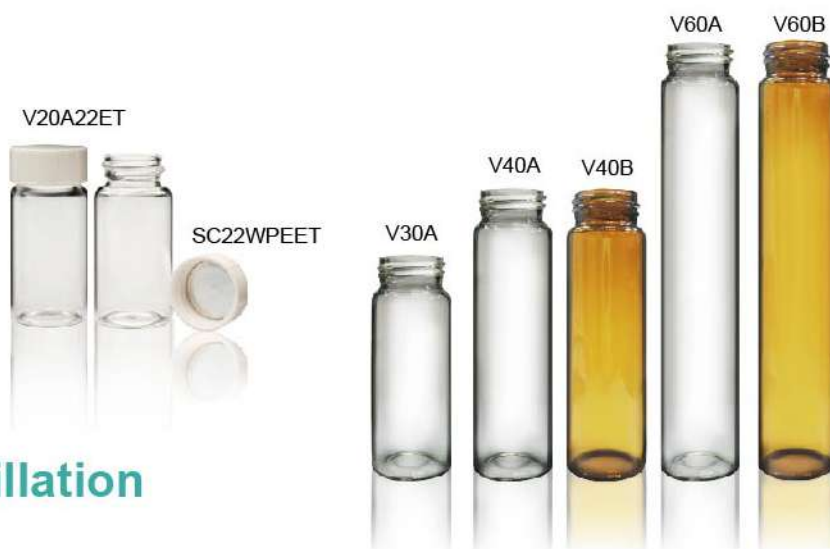
Headspace vials are available in both 10mL and 20mL capacities, flat or rounded bottom.

The 20mm 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 20mL Vials, Scintillation

Specifications

Model No.	Size	Description
V20A22ET	27x58mm	20mL screw-thread vial, clear glass (22-400)
V20B22ET		20mL screw-thread vial, amber glass (22-400)
V20A24ET		20mL screw-thread vial, clear glass (24-400)
SC22WPEET	Φ22mm	White closed top PP cap + 22mm white PE septa (22-400)
SC22BPEET		Black closed top PP cap + 22mm white PE septa (22-400)
SC24WPEET	Φ24mm	White closed top PP cap + 24mm white PE septa (24-400)
SC24BPEET		Black closed top PP cap + 24mm white PE septa (24-400)

100pcs/pk

A10 20mm ~ 60mL Vials

- PTFE septa can resist organic solvents
- Caps are made of high quality polypropylene

Specifications

V20A	27x58mm	20mL screw-thread vial, clear glass (24-400)
V20B		20mL screw-thread vial, amber glass (24-400)
V30A	27x75mm	30mL screw-thread vial, clear glass (24-400)
V40A	27x95mm	40mL screw-thread vial, clear glass (24-400)
V40B		40mL screw-thread vial, amber glass (24-400)
V60A	27x140mm	60mL screw-thread vial, clear glass (24-400)
V60B		60mL screw-thread vial, amber glass (24-400)
SC22A22A	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm white screw PP cap, 15mm centre hole (24-400)
SC22A22B	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm white screw PP cap, closed-top (24-400)
SC22A22C	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm black screw PP cap, 15mm centre hole (24-400)
SC22A22D	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm black screw polypropylene cap, closed-top (24-400)
S22A-I	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm
S22A-II	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm

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 caps: no time-consuming assembly
- No contamination of the liner that is normally 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



A11 9mm Plastic Micro Vials



Specifications

Model No.	Size	Description
VP9A	9x11.6mm	0.3mL Short thread micro injection sample vials, clear, Polypropylene
VP9C	9x11.6mm	0.3mL Short thread micro injection sample vials, amber, Polypropylene

100pcs/pk

Product

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

A12 9mm Glass Micro Vials



Specifications

Model No.	Size	Description
VL9A	9x11.6mm	300µL thread fusion type vials, clear, borosilicate
VL9B	9x11.6mm	300µL thread fusion type vials, clear, write-on spot, borosilicate
VL9C	9x11.6mm	300µL thread fusion type vials, amber, borosilicate
VL9D	9x11.6mm	300µL thread fusion type vials, amber, write-on spot, borosilicate

100pcs/pk

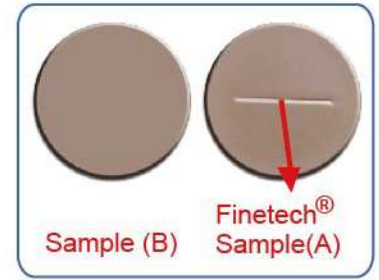
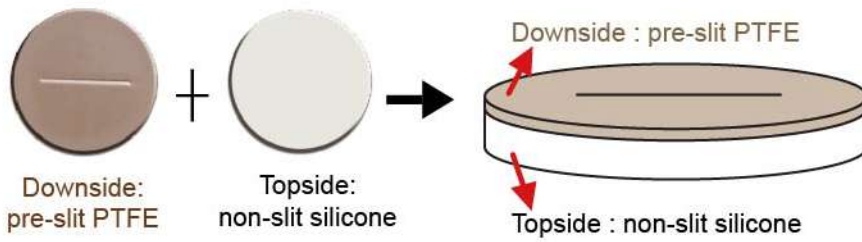
Product

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



New Design of Septa

◆ Pre-Slit PTFE/non-slit silicone Septa



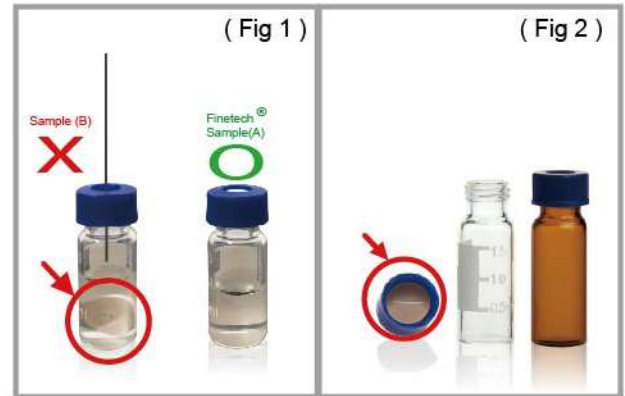
◆ Septa Benefit

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

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

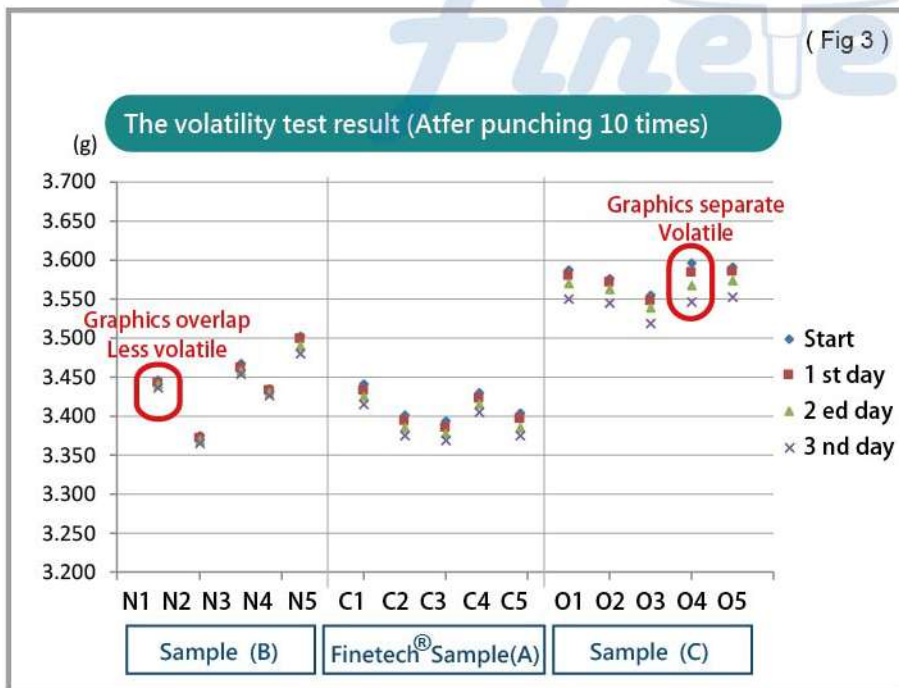
Sample (C) : Pre-slit PTFE /silicone septa

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



Test of Septa

◆ Volatility Test



◆ 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

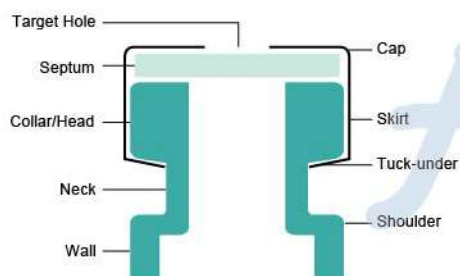
Hand Crimpers & Vial Racks

B1 Crimping and Decrimping Tools

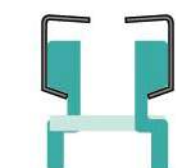


Specifications

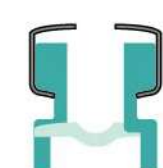
Model No.	Description
HD11-S	hand crimper, with 11mm crimp seals for 2mL Crimp Top Vial
HD11-O	hand decapper, with 11mm crimp open for 2mL Crimp Top Vial
HD20-S	hand crimper, with 20mm crimp seals for 20mL Crimp Top Vial
HD20-O	hand decapper, with 20mm crimp open for 20mL Crimp Top Vial



Correctly Crimped Vial

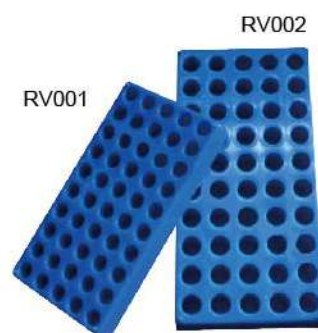


Under Crimped Vial



Over Crimped Vial

- 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 slots
- For 2mL or 4mL vials
- Made of polypropylene
- Easy handling and transportation of sample vials
- Solidly constructed for stable standing position

Specifications

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





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 1 resp. HGB 1 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).

C. Other Glasswares

C1 COD Test Tubes

For use in Chemical Oxygen Demand (COD) analysis to determine the amount of organic compounds in a water source.

High optical glass quality for accurate colorimetric analysis.

❖ Specification

- ▶ Capacity: 10mL
- ▶ Max Capacity: 12mL
- ▶ Height: 10±0.02cm
- ▶ Diameter: 1.58±0.02cm
- ▶ Neck Inner Diameter: 0.95±0.02cm
- ▶ Neck Outer Diameter: 1.50±0.02cm



❖ Ordering Information

Model No.	Description	Package
Tube-T10R	Glass TestTube(screw top),Rounded Bottom 16mmX100mm, 250pcs/pk for C.O.D (5.0 Schott material)	600pcs/CTN
Tube-T10F	Glass TestTube(screw top),flat Bottom 16mmX100mm, 100pcs/pk (5.0 Schott material)	600pcs/CTN
Tube-T10R-C	PP screw cap with PTFE setpa for 16X100mm Glass Tube	600pcs/CTN

C2 Disposable Glass Culture Tubes

- Constructed of borosilicate 3.3 glass.
- Flat mouth or with rim available.
- With or without graduation.
- Flat bottom or with round bottom.



❖ Ordering Information

Model No.	Description	Package
Tube-G12075	Glass Test Tube(culture), 12mmX75mm	2000pcs/CTN
Tube-G12100	Glass Test Tube(culture), 12mmX100mm	2000pcs/CTN
Tube-G13100	Glass Test Tube(culture), 12mmX100mm	2000pcs/CTN
Tube-G16100	Glass Test Tube(culture), 16mmX100mm	1000pcs/CTN
Tube-G15150	Glass Test Tube(culture), 15mmX150mm	1000pcs/CTN
Tube-G16125	Glass Test Tube(culture), 16mmX125mm	1000pcs/CTN
Tube-G16150	Glass Test Tube(culture), 16mmX150mm	1000pcs/CTN

More information please visit our website



C3 Glass Solvent Bottle

- All components are fully autoclavable at 121 or 134 °C.
- The bottles feature an easy-to-read graduated volume scale, and marking field in permanent white enamel.
- Uniform wall thickness

C3-1. Clear Solvent Bottle

❖ Ordering Information

Model No.	Description	Package
KP-0250B	250mL Clear Solvent Bottle for GL 45	70pcs/CTN
KP-0500B	500mL Clear Solvent Bottle for GL 45	24pcs/CTN
KP-1LB	1000mL Clear Solvent Bottle for GL 45	15pcs/CTN
KP-2LB	2000mL Clear Solvent Bottle for GL 45	12pcs/CTN



C3-2. Amber Solvent Bottle

❖ Ordering Information

Model No.	Description	Package
KP-0250C	250mL Amber Solvent Bottle for GL 45	70pcs/CTN
KP-0500C	500mL Amber Solvent Bottle for GL 45	24pcs/CTN
KP-1LC	1000mL Amber Solvent Bottle for GL 45	15pcs/CTN
KP-2LC	2000mL Amber Solvent Bottle for GL 45	12pcs/CTN



C4 Rubber Septa & Sleeve Stopper

❖ Ordering Information

Model No.	Description	Package
FT-13SG-1	13mm	1000pcs/pk
FT-20SG-1	20mm	1000pcs/pk
FT-32SG-1	32mm	1000pcs/pk



❖ Ordering Information

Model No.	Description	Package
FT-13SG	13mm	1000pcs/pk
FT-20SG	20mm	1000pcs/pk



❖ Ordering Information

Model No.	Serrations	Size	Package
314S40	No	14/20	100pcs/pk
314S40-S	Yes	14/20	100pcs/pk
324S40	No	24/40	100pcs/pk
324S40-S	Yes	24/40	100pcs/pk





website

Company Profile

- Since 1999, Finetech Research and Innovation Corporation has been manufacturing and supplying laboratory consumables to various types of labs all over the world. With exports to over 40 countries, Finetech has become one of the leading provider for environmental, pharmaceutical, biological, and other testing laboratories
- Finetech began with the research & development and manufacturing of syringe filters and other filtration products. In keeping with our core principle of innovation, Finetech has expanded their product line to include lab equipment and other supplies to meet the needs of their customers.
- Finetech follows the principles of quality over quantity and good services for all.

The importance of quality can be seen in the use of quality imported materials and equipment, the use of a cleanroom, and the strict quality control standards.



Contact us

FINETECH RESEARCH & INNOVATION CORP

- Sample vials
- Glass fiber filters
- Biochemical supplies
- Syringe filters
- Air filters



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