



ChemScience

Lab Glassware you Trust



CHROMATOGRAPHY VIALS

Chromatography vials are used to separate organic and inorganic chemicals for examination and available in a variety of finishes ensuring chemical compatibility. Closures for auto samplers are available in a variety of colors, sizes, and septa materials. ChemScience offers one of the most comprehensive lines of vials and accessories for the laboratory research market. They are fabricated from Type I borosilicate glass tubing, offer uniform sidewall and bottom thickness.

8mm (8-425) Screw Thread Glass Chromatography Vial

With Graduation and Marking Spot

- > Screw threads vials provides excellent performance with wide application throughout the industry
- > Available in both in clear and amber glass
- > Clear and amber vials are converted from USP Type I borosilicate glass
- > 8mm 12x32mm vial with 8-425 threads for ease of closure. Caps and Vials are sold separately.



Catalog No.	Description	Pack Size
CS-V08-2M	Clear Screw 8-425 Thread Vials, 2mL, with Spot	100
CS-V08-2MA	Amber Screw 8-425 Thread Vials, 2mL, with Spot	100
CS-V08-SL-2M	Silanized, Clear Screw 8-425 Thread Vials, 2mL, with Spot	100
CS-V08-SL-2MA	Silanized, Amber Screw 8-425 Thread Vials, 2mL, with Spot	100

Black Open top; screw Caps and septa for 8mm screw thread Chromatography Vials

Cap Color : Black



Catalog No.	Septa	Septa thickness	Cap Color	Pack Size
CS-CS08P	PRE-SLIT, Red PTFE / White Silicone	1.5 mm (0.06 in)	Black	100
CS-CS08	Red PTFE/White Silicone	1.5 mm (0.06 in)	Black	100

9mm (9-425) Screw Thread Glass Chromatography Vial

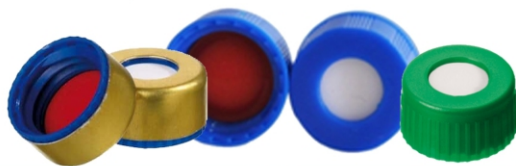
With Graduation and Marking Spot

- > Clear and amber are converted from USP Type I borosilicate glass
- > 9mm wide opening clear and amber glass screw thread vials are 2mL, 12x32mm



Catalog No.	Description	Pack Size
CS-V09-2M	Clear Screw 9-425 Thread Vials, 2mL, with Spot	100
CS-V09-2MA	Amber Screw 9-425 Thread Vials, 2mL, with Spot	100
CS-V09-SL-2M	Silanized, Clear Screw 9-425 Thread Vials, 2mL, with Spot	100
CS-V09-SL-2MA	Silanized, Amber Screw 9-425 Thread Vials, 2mL, with Spot	100

Open Top; Screw ribbed Caps and septa for 9mm screw thread Chromatography Vials (9-425)



Catalog No.	Septa	Septa Thickness	Color	Pack Type
CS-CS09	Red PTFE/White Silicone	1.0 mm (0.04 in)	Blue	100
CS-CS09-P	PRE-SLIT Red PTFE/White silicone	1.0 mm (0.04 in)	Blue	100
CS-CS09-BS	Bonded, Red PTFE / White Silicone	1.0 mm (0.04 in)	Blue	100
CS-CS09-SBS	Bonded, Pre- Slit, Red PTFE / White Silicone	1.0 mm (0.04 in)	Blue	100
CS-CS09-GBS	Bonded, Natural PTFE/ White Silicone	1.0 mm (0.04 in)	Green	100
CS-2001-9-24M	Red PTFE / White Silicone	1.0 mm (0.04 in)	Gold	100
CS-CS09-PM	Polyimide/Red Silicone	1.0 mm (0.04 in)	Blue	100

10mm (10-425) Screw Thread Glass Chromatography Vial

With Graduation and Marking Spot

- > Clear and amber are converted from USP Type I borosilicate glass
- > 10mm vials with 10-425 threads for ease of closure



Catalog No.	Description	Pack Size
CS-V10-2M	Clear Screw 10-425 Thread Vials, 2mL, with Spot	100
CS-V10-2MA	Amber Screw 10-425 Thread Vials, 2mL, with Spot	100
CS-V10-SL-2M	Silanized, Clear Screw 10-425 Thread Vials, 2mL, with Spot	100
CS-V10-SL-2MA	Silanized, Amber Screw 10-425 Thread Vials, 2mL, with Spot	100

Open top; screw Caps and septa for 10mm screw thread Chromatography Vials



Catalog No.	Septa	Septa thickness	Cap Color	Pack Size
CS-CS10	Red PTFE/White Silicone	1.0 mm (0.04 in)	Black	100
CS-CS10P	Pre-Slit, Red PTFE/White Silicone	1.0 mm (0.04 in)	Blue	100

13mm (13-425) Screw Thread Glass Chromatography Vial

With Graduation and Marking Spot

- > Clear and amber are converted from USP Type I borosilicate glass
- > 13 mm Wide Opening Clear and Amber Glass Screw Thread Vials are 4 mL, 15 x 42 mm



Catalog No.	Description	Pack Size
CS-V013-4M	Clear Screw 13-425 Thread Vials, 4mL, with Spot	100
CS-V013-4MA	Amber Screw 13-425 Thread Vials, 4mL, with Spot	100
CS-V013-SL-4M	Silanized, Clear Screw 13-425 Thread Vials, 4mL, with Spot	100
CS-V013-SL-4MA	Silanized, Amber Screw 13-425 Thread Vials, 4mL, with Spot	100

Black Open Top; Screw Caps and septa for 13mm screw thread Chromatography Vials

Cap Color : Black



Catalog No.	Septa	Septa thickness	Color	Pack Type
CS-CS013	Red PTFE/White Silicone	1.5 mm (0.06 in)	Black	100
CS-CS013P	Pre-Slit, Red PTFE/White Silicone	1.5 mm (0.06 in)	Black	100

11mm snap seal Glass Chromatography Vials (ND 11)

With Graduation and Marking Spot

- > larger opening improves sample accessibility while reducing auto sampler needle damage
- > Packaged in shrink-wrapped trays of 100 for convenience and cleanliness
- > Purchase vials and snap caps are packed separately or together in Convenience Packs
- > 11mm 12x32mm Snap Seal vial for ease of closure. Caps and Vials sold separately.



Catalog No.	Description	Pack Size
CS-VS011-2M	Clear Snap Seal Vials, 2mL, with Spot	100
CS-VS011-2MA	Amber Snap Seal Vials, 2mL, with Spot	100

Clear Open top Caps and septa for 11mm Snap seal Glass Chromatography Vials

Cap Color : Clear



Catalog No.	Septa	Septum thickness	Cap Color	Pack Type
CS-SCS11	Red PTFE / White Silicone	1.0 mm (0.04 in)	Clear	100
CS-SCS11P	PRE-SLIT Red PTFE / White Silicone	1.0 mm (0.04 in)	Clear	100
CS-SCS11-PSP	Red PTFE / White Silicone / Red PTFE	1.0 mm (0.04 in)	Clear	100

11mm Crimp Top Glass Chromatography Vials

- Provide exceptional Sealing performance
- Available in both clear and amber glass
- Excellent for volatile samples
- Gives maximum sample protection
- Designed for use with 11 mm aluminum seals
- Purchase vials and caps are packed separately or together in convenience packs
- Packaged in shrink-wrapped trays of 100 for convenience and cleanliness



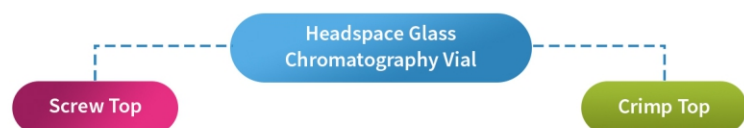
Catalog No.	Description	Pack Size
CS-VC011-2M	Clear Crimp Top Vials, ND11, 2mL, with Spot	100
CS-VC011-2MA	Amber Crimp Top Vials, ND11, 2mL, with Spot	100

Silver Open top Caps and septa for 11mm Crimp Top Seal Glass Chromatography Vials

Cap Color: Silver



Catalog No.	Septa	Septa thickness	Pack Type
CS-CPS11	Clear PTFE/Red Silicone	1.0 (0.04in) mm	100
CS-C0000980	Pre-Slit Clear PTFE/Orange Silicone	1.0 (0.04in) mm	100
CS-CPS11-PSP	Red PTFE/White Silicone/Red PTFE	1.0 (0.04in) mm	100
CS-CPS11-RB	Natural Rubber Septa	1.0 (0.04in) mm	100



Screw Top Headspace Vials (ND18)

- Converted from Type I, 33 expansion borosilicate glass tubing
- 18 mm screw thread finish offers superior sealing characteristics
- Designed for use with thinner septa; ensures a consistently flat surface is available for the magnet



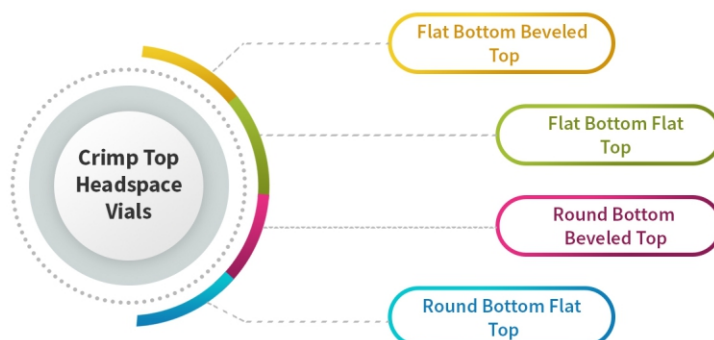
Catalog No.	Description	Pack Size
CS-V018-10SF	Screw Top Flat Bottom, Capacity 10mL, Size 22.5x46, Clear	100
CS-V018-10SR	Screw Top Round Bottom, Capacity 10mL, Size 22.5x46, Clear	100
CS-V018-20SF	Screw Top Flat Bottom, Capacity 20mL, Size 22.5x75.5, Clear	100
CS-V018-20SR	Screw Top Round Bottom, Capacity 20mL, Size 22.5x75.5, Clear	100
CS-V018A-10SF	Screw Top Flat Bottom, Capacity 10mL, Size 22.5x46, Amber	100
CS-V018A-10SR	Screw Top Round Bottom, Capacity 10mL, Size 22.5x46, Amber	100
CS-V018A-20SF	Screw Top Flat Bottom, Capacity 20mL, Size 22.5x75.5, Amber	100
CS-V018A-20SR	Screw Top Round Bottom, Capacity 20mL, Size 22.5x75.5, Amber	100

Silver Open Top Magnetic Precision Metal Caps and septa for 18mm screw thread Headspace vials

Cap Color : Silver



Catalog No.	Septa	Thickness	Cap Color	Pack Type
CS-SP1001-18	Blue PTFE/White Silicone	1.5 mm (0.6 in)	Silver	100
CS-SP1002-18	Red PTFE/White Silicone	1.5 mm (0.6 in)	Silver	100



Crimp Top Headspace Vials (ND20)

- Converted from Type I borosilicate glass tubing
- Accept 20mm aluminum seals
- Variety of aluminum seal styles and septa materials available
- Purchase vials separately or together with seals in convenience packs



Catalog No.	Description	Pack Size
CS-V010-10FB	Crimp Top Flat Bottom Beveled Top , Clear, Capacity 10mL, Size 22.5x46	100
CS-V010-10FF	Crimp Top Flat Bottom Flat Top , Clear, Capacity 10mL, Size 22.5x46	100
CS-V010-10RB	Crimp Top Round Bottom Beveled Top , Clear, Capacity 10mL, Size 22.5x46	100
CS-V020-20FB	Crimp Top Flat Bottom Beveled Top , Clear, Capacity 20mL, Size 22.5x75	100
CS-V020-20FF	Crimp Top Flat Bottom Flat Top , Clear, Capacity 20mL, Size 22.5x75	100
CS-V020-20RB	Crimp Top Round Bottom Beveled Top , Clear, Capacity 20mL, Size 22.5x75	100
CS-V020-20RF	Crimp Top Round Bottom Flat Top , Clear, Capacity 20mL, Size 22.5x75	100

Caps and septa for 20mm Crimp Top Headspace vials



Catalog No.	Description	Pack Size
CS-SP2002-20B	Blue Bimetallic Magnetic Crimp Cap, Open Top (Hole size:8.0mm), 3mm thick, Tan PTFE/White Silicone	100
CS-SP2002-20R	Red Bimetallic Magnetic Crimp Cap, Open Top (Hole size: 8.0mm), 3mm thick, Tan PTFE/ White silicone	100
CS-SP2002-20G	Green Bimetallic Magnetic Crimp Cap, Open Top (Hole size: 8.0mm), 3mm thick, Tan PTFE/ White silicone	100
CS-C0001012	Open Top Aluminium Cap (Hole size:10.0mm) with Molded Pharma-Fix-Septas, Grey PTFE/Butyl, 3mm thick.	100
CS-SP1003-20	Aluminum Crimp Seal Cap, Open Top (Hole size: 10.0mm), White PTFE/White Silicone Septa, 3mm thick	100
CS-SP1004-20	White PTFE/Blue Silicone Septa(UltraClean), 3mm (0.12in) thick, Size 20mm, Temperature resistant from -60°C up to 200°C	100

High Recovery Vials Crimp type (11 mm)

- High recovery vials enable sample concentration and injection without transferring to microvolume inserts
- Micro-sampling vials offer a lower cost alternative to high recovery vials
- Conical inserts with polymer feet virtually eliminate dead volume and act as shock absorber for needle
- Flat bottom inserts are fitted to vial dimensions



Catalog No.	Description	Pack Size
CS-5182-3454	1.5mL, Clear, Glass, High Recovery, Large Opening, 12x32mm, 11mm Crimp	100

Caps and Septa for 11mm Crimp top High Recovery Vial

Septum Thickness: 1.0mm (0.04 in)

Cap color: Silver

Cap Type: Open Top



Catalog No.	Septa	Pack Size
CS-CPS11-PSP	Red PTFE/White Silicone/Red PTFE	100
CS-C0000980	Pre-Slit Orange PTFE/Orange Silicone	100
CS-CPS11	Red PTFE/White Silicone	100
CS-CPS11-RB	Natural Rubber Septa	100

High Recovery Vials Screw Thread

- High recovery vials enable sample concentration and injection without transferring to microvolume inserts
- Micro-sampling vials offer a lower cost alternative to high recovery vials
- Conical inserts with polymer feet virtually eliminate dead volume and act as shock absorber for needle
- Flat bottom inserts are fitted to vial dimensions



Catalog No.	Description	Pack Size
CS-0001211	1.5mL High Recovery Vial, Clear Glass, 12x32mm, Flat Base, 9-425 Screw Thread.	100
CS-0001212	1.5mL High Recovery Vial, Amber Glass, 12x32mm, Flat Base, 9-425 Screw Thread.	100
CS-000170	4mL High Recovery Vial, Clear Glass, 15x51mm, Flat Base, 13-425 Screw Thread.	100
CS-GST-1739	1mL Clear Glass 13x41mm High Recovery Vial with Graduations, 13-425 Screw Thread	100

Polypropylene Vial for PFAS Analysis

Ion Chromatography (IC) demands the usage of PP vials. It has an application in the environmental, life sciences, Chemical, food Safety, electronics, power and biofuel industries.

PP Vial also used for atomic absorption, water and protein analysis and Capillary electrophoresis.



Catalog No.	Color	Capacity	Neck Finish	Dimensions	Pack Size
CS-VPM09A-3	2 mL 9-425 PP Amber Screw Thread Vial With 0.3 mL Micro Insert Vial, 12x32 mm				100
CS-VPMI09C-3	2 mL 9-425 PP Clear Screw Thread Vial With 0.3 mL Micro Insert Vial, 12x32 mm				100
CS-VTXM11C-3	2 mL ND11 Clear PP Snap Vial With 0.3 mL Micro Insert Vial, Transparent, 12x32 mm				100
CS-VPMI09C-7	2 mL 9-425 Clear PP Screw Thread Vial With 0.7 mL Micro Insert Vial, Transparent, 12x32mm				100
CS-VPP09-2	2 mL 9-425 Wide Opening PP Screw Vial with Graduations Transparent, 12x32 mm				100
CS-VPP09-2A	2 mL 9-425 Amber Wide Opening PP Screw Vial with Graduations, 12x 32 mm				100
CS-VPSM11C-3	2 mL ND11 Clear PP Snap Vial With 0.3 mL Micro Insert Vial, Transparent, 12x32 mm				100
CS-VPSM11C-3A	2 mL ND11 Amber PP Snap Vial With 0.3 mL Micro Insert Vial, Transparent, 12x32 mm				100
CS-VPSM11C-7	2 mL ND11 Clear PP Snap Vial With 0.7 mL Micro Insert Vial, Transparent, 12x32 mm				100

Screw Ribbed Caps and septa for 1.5ml High recovery screw thread vial (9-425)

Septum Thickness: 1.0mm (0.04 in)



Catalog No.	Septa	Color	Pack Size
CS-CS09-BS	Bonded, Red PTFE / White Silicone	Blue	100
CS-CS09-P	PRE-SLIT Top Red PTFE/White silicone	Blue	100
CS-CS09	Red PTFE/White Silicone	Blue	100
CS-CS09-GBS	Bonded, Natural PTFE/ White Silicone	Green	100
CS-CS09-SBS	Bonded, Pre-slit Red PTFE/ White Silicone	Blue	100

Black Caps and septa for 4ml High Recovery Vial (13-425)

Septum Thickness: 1.5mm (0.06 in)

Cap color: Black



Catalog No.	Septa	Pack Size
CS-CS013	Red PTFE/White Silicone	100
CS-CS013-P	PRE-SLIT, Red PTFE / White Silicone	100

Glass Screw Top High Recovery Vials (0.4 mL 13-425)

0.4 mL High-recovery vials are intended for applications involving very small sample volumes, including high-sensitivity analyses such as PCR, microinjection, and specialized chromatography. Compared to larger vials, they are suited for precise handling and minimal sample loss.



Catalog No.	Description	Pack Size
CS-GST-1739A	0.4 mL Amber Glass 15x35mm High Recovery Vial with Graduations, 13-425 Screw Thread	100

Manual Crimper

- Easy to grip
- Easy to handle
- Plastic body with curved handles
- An easily viewed adjustment knob is located at the head of the product



Catalog No.	Description	Pack Size
CS-C20-264	Hydraulic Crimping tool, Compatibility 20mm	Each
CS-C11-265	Hydraulic Crimping tool, Compatibility 11mm	Each

Micro Inserts for Screw Thread and Crimp Vials

- Economical choice for HPLC applications.
- Provides cushion against needle contact for Polyspring inserts.
- These inserts are used for screw threads and crimp neck vials, whose capacity is 250µL.
- Made from borosilicate Glass
- Designed offered Flat, Conical, or mandrel point bottom that come with plastic spring



Catalog No.	Description	Capacity	Pack Size
CS-N2002-2A	Inserts Wide Opening, Size 5 X 29 , Clear Glass, Conical Base with Polyspring	150 µL	100
CS-N2004-2A	Micro Insert, Conical Base, Clear Glass, Size 5X31(mm)	150 µL	100
CS-N2001-2A	Inserts Wide Opening, Size 5 x 31(mm), Clear Glass, Flat Base	250 µL	100
CS-N2002-2	Inserts Wide Opening, Size 5.8x28.5, Clear Glass, Conical Base with Polyspring	250 µL	100
CS-N2004-2	Micro Insert, Conical Base, Clear Glass, Size 6X31(mm)	250 µL	100
CS-N2001-2	Inserts Wide Opening, Size 6 x 31(mm), Clear Glass, Flat Base	350 µL	100

1 mL Total Recovery Vials

A total recovery vials are engineered for accurate and efficient sample collection, storage, and transfer in chromatographic workflows.



Catalog No.	Description	Capacity	Pack Size
CS-TRV-3505A	1 mL Total Recovery Vial Amber Glass 12x32mm Flat Base 9-425 Screw Thread	1 mL	100
CS-TRV-3505C	1 mL Total Recovery Vial Clear Glass 12x32mm Flat Base 9-425 Screw Thread	1 mL	100

1.5 mL Glass High Recovery Champagne Vials

High recovery vials are specially designed to maximize sample retrieval while minimizing waste. Instead of relying on an internal insert, these vials feature a tapered or V-shaped bottom that allows nearly complete removal of liquid using syringes or pipettes, reducing residual volume.



Catalog No.	Description	Capacity	Pack Size
CS- HRV-3100A	1.5mL High Recovery Champagne Vial Amber Glass 12x32mm Flat Base 9-425 Screw Thread	1.5 mL	100
CS- HRV-3100C	1.5mL High Recovery Champagne Vial Clear Glass 12x32mm Flat Base 9-425 Screw Thread	1.5 mL	100

1.5 mL Crimp Glass High Recovery Champagne Vial

High recovery vials are specially designed to maximize sample retrieval while minimizing waste. Their tapered or V-shaped bottom allows nearly complete removal of liquid using syringes or pipettes, reducing residual sample without the need for an internal insert.



Catalog No.	Description	Capacity	Pack Size
CS-HRC-3101	1.5mL Crimp High Recovery Champagne Vial Clear Glass Flat Base Wide Opening	1.5 mL	100

3.5 mL 20-400 Glass Screw Top High Recovery Vial

High recovery vials are designed to improve sample retrieval and limit waste. Their angled or conical bottom helps concentrate the liquid, allowing it to be easily withdrawn using a syringe or pipette. This design minimizes leftover residue without the need for an internal insert.



Catalog No.	Description	Capacity	Pack Size
S-GST-2408	3.5mL Clear Glass 20x50mm High Recovery Vial with Graduations 20-400 Screw Thread	3.5 mL	100

6 mL Clear Glass Screw Headspace High Recovery Vial

High recovery vials are designed to improve sample retrieval and limit waste. Their angled or conical bottom helps concentrate the liquid, allowing it to be easily withdrawn using a syringe or pipette. This design minimizes leftover residue without the need for an internal insert.



Catalog No.	Description	Capacity	Pack Size
CS-GSH-2842	6mL Clear Glass Screw Headspace High Recovery Vial 22x46mm	6 mL	100

Glass Screw Top High Recovery Vials

High recovery vials are specially designed to maximize sample retrieval while minimizing waste. Instead of relying on an internal insert, these vials feature a tapered or V-shaped bottom that allows nearly complete removal of liquid using syringes or pipettes, reducing residual volume.



Catalog No.	Description	Capacity	Pack Size
CS-GST-2757	12 mL Glass Screw Top High Recovery Vial, 27x57mm	12 mL	100
CS-GST-2795	27 mL Glass Screw Top High Recovery Vial, 27x95 mm	27 mL	100