



DiamondPure™ Chromatography & Headspace Vials



Delivering consistent performance across HPLC and GC workflows.





Chromatography Vials & Closures



Globe Scientific's line of **DiamondPure™** cost-effective chromatography vials is designed to deliver consistent performance across HPLC and GC workflows. Manufactured from Type I borosilicate glass and available in clear or amber, each 2mL vial pairs with a matching DiamondPure[™] cap to ensure a secure, instrument-ready seal.

DiamondPure™ chromatography vials feature a large 11mm opening for crimp or snap caps, or a 9mm threaded finish for screw caps — giving laboratories multiple closure options depending on storage, sealing strength, and throughput needs. Every vial is engineered for smooth compatibility with widely used autosamplers.

- High-quality chromatography vials with coordinated closures for consistent, reliable sealing
- Engineered for accuracy and compatibility across leading HPLC and GC applications
- Crimp, snap, or screw-thread formats to match your preferred workflow
- A cost-effective alternative for laboratories seeking performance and value

Key Features & Benefits

- Clear or Amber Type I borosilicate glass
- Suitable for HPLC and GC applications
- Printed fill lines at 0.5mL, 1.0mL, and 1.5mL
- 2mL capacity with 1.8mL working volume
- · Available with or without marking spot
- Packaged in 100-pack and 1,000-case options



Chromatography Vials

11mm Large Opening Crimp Neck Vials

Ideal for long-term storage and evaporation-resistant sealing.

• Use with 11mm Aluminum Crimp Seals

11mm Large Opening Snap Neck Vials

Excellent choice for short term storage.

• Use with 11mm Snap Caps

9mm Screw Thread Vials

These vials provide a strong, leak-resistant closure. They are excellent for routine analysis and long-term storage.

• Use with 9mm Top Screw Closures

Available on Request:

Deactivated/silanized or MS (Mass Spectrometry) certified vials for ultra-clean trace-level analysis in LC/MS or GC/MS.

Convenience kits (vial and closure) can be assembled and purchased on special order.



Vial Closures

11mm Aluminum Crimp Seals

For use with 11mm Large Opening Crimp Neck Vials

- PTFE/Red Rubber septum
- Requires a crimper and decapper

11mm Polyethylene Natural Snap Caps

For use with 11mm Large Opening Snap Neck Vials

• Red PTFE/White Silicone septum; slit or non-slit

9mm Polypropylene Open Top Screw Closures

For use with 9mm Screw Thread Vials

• Bonded Red PTFE/White Silicone septum; slit and non-slit options



Crimp Seal









Limited Volume Insert for all Large Opening 2mL Vials

• 250 μL glass insert with polypropylene (PP) bottom spring





Headspace Vials & Closures

Globe Scientific's **DiamondPure™** Headspace Vials are engineered for the elevated pressure and temperature conditions required in GC headspace analysis. Manufactured from low-extractable Type I borosilicate glass. These vials pair with a coordinated range of crimp or screw-thread closures to ensure consistent, leak-resistant sealing.

Ideal for residual solvent testing, volatile compounds, flavors, and fragrances — **DiamondPure™** headspace vials bring dependable accuracy to demanding analytical environments.

- Precision-formed vials paired with closures designed specifically for GC headspace sealing
- Secure sealing for reliable, repeatable volatile analysis
- Options for crimp or screw-thread systems depending on autosampler requirements
- A high-value solution for labs of all sizes

Key Features & Benefits

- Low-extractable Type I borosilicate glass
- Clear Type I borosilicate glass
- 6mL, 10mL, and 20mL formats
- Compatible with major GC headspace autosamplers
- Packaged in 100-pack and 1,000-case options



Crimp Top

Screw Thread

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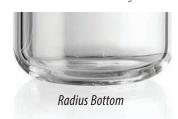
Headspace Vials

20mm Crimp-Top Headspace Vials Available with:

- Radius Bottom (common for uniform heating)
- Flat Bottom (instrument-specific compatibility)
- Use with 20mm Aluminum Crimp Seals

18mm Screw-Thread Headspace Vials (CTC Compatible)

- Radius Bottom (common for uniform heating)
- Use with 18mm Steel/Magnetic Screw Closures







Headspace Closures

20mm Aluminum Crimp Seals

For use with 20mm Crimp-Top Headspace Vials

- PTFE/Clear Silicone septum (2.5 mm)
- Pressure-release closures are available upon request. These specialized seals are scored to vent automatically at 3.0 \pm 0.5 bar (approximately 14.5 psi per bar) for added safety

18mm Magnetic Screw Closures

For use with 18mm Screw-Thread Headspace Vials

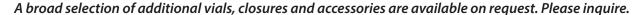
- Red PTFE/White Silicone septum (1.3mm)
- White PTFE/Blue Silicone septum (1.3mm)











Chromatography Vials

Vial			Neck		Graduations/	Opening		
Part No.	Color	Size	Finish	Volume	Marking Spot	Style	Units	Closure Part No.
9010002MS	Clear	12x32mm	11mm/Crimp	2mL	Yes	Large	100 & 1,000	9010002CAP-AS-NR
9010002	Clear	12x32mm	11mm/Crimp	2mL	No	Large	100 & 1,000	9010002CAP-AS-NR
9010002AMMS	Amber	12x32mm	11mm/Crimp	2mL	Yes	Large	100 & 1,000	9010002CAP-AS-NR
9010002AM	Amber	12x32mm	11mm/Crimp	2mL	No	Large	100 & 1,000	9010002CAP-AS-NR
9020002MS	Clear	12x32mm	11mm/Snap	2mL	Yes	Large	100 & 1,000	9020002CAP-SR-NR
								9020002CAP-SR-NR-S
9020002	Clear	12x32mm	11mm/Snap	2mL	No	Large	100 & 1,000	9020002CAP-SR-NR
								9020002CAP-SR-NR-S
9020002AMMS	Amber	12x32mm	11mm/Snap	2mL	Yes	Large	100 & 1,000	9020002CAP-SR-NR
								9020002CAP-SR-NR-S
9020002AM	Amber	12x32mm	11mm/Snap	2mL	No	Large	100 & 1,000	9020002CAP-SR-NR
								9020002CAP-SR-NR-S
9030002MS	Clear	12x32mm	9mm/Screw	2mL	Yes	Large	100 & 1,000	9030002CAP-SC-BRW
								9030002CAP-SC-BRW-S
9030002	Clear	12x32mm	9mm/Screw	2mL	No	Large	100 & 1,000	9030002CAP-SC-BRW
								9030002CAP-SC-BRW-S
9030002AMMS	Amber	12x32mm	9mm/Screw	2mL	Yes	Large	100 & 1,000	9030002CAP-SC-BRW
								9030002CAP-SC-BRW-S
9030002AM	Amber	12x32mm	9mm/Screw	2mL	No	Large	100 & 1,000	9030002CAP-SC-BRW
ci .								9030002CAP-SC-BRW-S

Chromatography Vial Closures

Part No.	Desription	Units
9010002CAP-AS-NR	Aluminum Crimp Seal for 2mL Chromatorgraphy Vial, 11mm, Natural, PTFE/Red Rubber Septum	100 & 1,000
9020002CAP-SR-NR	Snap Cap for 2mL Chromatography Vial, Natural, 11mm, Red PTFE/Silicone Septum	100 & 1,000
9020002CAP-SR-NR-S	Snap Cap for 2mL Chromatography Vial, Natural, 11mm, Red PTFE/Silicone Septum, Pre-slit	100 & 1,000
9030002CAP-SC-BRW	Screw Cap for 2mL Chromatography Vial, Blue Open Top, 9mm, Bonded Red PTFE/White Silicone Septum	100 & 1,000
9030002CAP-SC-BRW-S	Screw Cap for 2mL Chromatography Vial, Blue Open Top, 9mm, Bonded Red PTFE/White Silicone Septum, Pre-slit	100 & 1,000

Limited Volume Insert for Chromatogrpahy Vials

Part No.	Desription	Units
9060001	Chromatography Vial Insert, 250uL, Clear Glass, Fits Large Opening 2mL Vials, PP Bottom Spring, 6 x 29mm	100 & 1,000

Headspace Vials

Vial	Color	Size	Neck	Volume	Opening	Bottom	Units	Closure
Part No.			Finish		Style	Style		Part No.
9040006RB	Clear	22x38mm	20mm/Crimp	6mL	Tapered	Radius	100 & 1,000	9040000CAP-AS-N
9040010RB	Clear	22.6x46mm	20mm/Crimp	10mL	Tapered	Radius	100 & 1,000	9040000CAP-AS-N
9040020RB	Clear	22.6x75mm	20mm/Crimp	20mL	Tapered	Radius	100 & 1,000	9040000CAP-AS-N
9040006FB	Clear	22x38mm	20mm/Crimp	6mL	Tapered	Flat	100 & 1,000	9040000CAP-AS-N
9040010FB	Clear	22.6x46mm	20mm/Crimp	10mL	Tapered	Flat	100 & 1,000	9040000CAP-AS-N
9040020FB	Clear	22.6x75mm	20mm/Crimp	20mL	Tapered	Flat	100 & 1,000	9040000CAP-AS-N
9050020RB	Clear	22.6x75.5mm	18mm/Screw	20mL	Standard	Radius	100 & 1,000	9050000CAP-SM-RW
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Headspace Vial Closures

Part No.	Desription	Units
9040000CAP-AS-N	Aluminum Seal for 6mL, 10mL, 20mL Headspace Vial, Crimp Closure, 20mm, PTFE/Clear Silicone, 2.5mm	100 & 1,000
9050000CAP-SM-RW	Steel/Magnetic Screw Cap for 20mL Headspace Vial, 18mm, CTC Compatible, Red PTFE/White Silicone, 1.3mm	100 & 1,000
9050000CAP-SM-WB	Steel/Magnetic Screw Cap for 20mL Headspace Vial, 18mm, CTC Compatible, White PTFE/Blue Silicone, 1.3mm	100 & 1,000

