

2.0 mL Screw-Thread Vials, 12 x 32 mm, 8 mm/425 Thread

- Fit all 2.0 mL, 12 x 32 mm, screw-thread 8 mm/425 vial-based autosamplers.
- Vaporization is minimized over shorter vials.

2.0 mL, 8 mm Screw-Thread Vials (vial only)

Description	Volume	Color	100-pk.	1000-pk.
Vial w/White Graduated Marking Spot	2.0mL	Clear	24619	24620
Vial w/White Graduated Marking Spot	2.0mL	Amber	24621	24622

2.0 mL, 8 mm Caps and Septa (preassembled)

Cap Color	Septa Material	100-pk.	1000-pk.
Black	Red PTFE/Silicone, 0.065"	21149	21720
Black Top Hat	PTFE/Silicone	21721	21722

Caps & Septa

for 2.0 mL, 8 mm Screw-Thread Vials

Description	Septa Material	100-pk.	1000-pk.
Black Polypropylene, Open-Hole Caps		21176	21177
Septa, 8mm x 0.045"	Red PTFE/Silicone	21178	21179
Septa, 8mm x 0.065"	Red PTFE/White Silicone	21795	21147

2.0 mL Autosampler Vial Convenience Kits

- Vials packaged in a clear-lid tray. Preassembled caps with septa packaged separately in a plastic bag.
- Black polypropylene open-hole caps and 8 mm red PTFE/silicone septa, 0.065".

Description	100-pk.	1000-pk.
Clear 2.0mL Vial, Silcote CL7-Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065"	24638	24639
Amber 2.0mL Vial, Silcote CL7-Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065"	24640	24641
Clear 2.0mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065"	21192	21193
Amber 2.0mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065"	21194	21195

2.0 mL Preassembled Vial Kits

8 mm/425 Screw-Thread, Unmarked Vials, Septa, and Caps

Caps attached to vials.

Description	100-pk.	1000-pk.
Clear 2.0mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045"*	24630	24631
Amber 2.0mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045"*	24632	24633
Clear 2.0mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065***	24634	24635
Amber 2.0mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065***	24636	24637

*Best fit for Shimadzu.

**Best fit for Varian.





also available
Limited Volume Inserts
for 2.0 mL, 8mm Screw-Thread Vials
See page 360.

instrument reference

For 2.0 mL, 8 mm Screw-Thread Vials

The following instruments are compatible with 2.0 mL, 8 mm screw-thread vials. For further information or questions, please contact your Restek sales representative or technical service.

Manufacturer	Instrument/Model #	Manufacturer	Instrument/Model #
A.I.M.	CPS-100, 200	PerkinElmer	Autosystem GC, 420/B, 4900
Alcott	738	Pharmacia LKB	2157-010
Alltech	570	Precision Sampling	GC111, GC 311, LC241-60
ASC		Phillips	LC-XR 4247, 4710
Beckman	501, 502, 507	S.G.E.	M2800
Carlo Erba/Fisons	AS 800, 8000	Sedere	
Dani	ALS 39.80, 86.80	Shimadzu	AOC-8B/9, SIL-6A, AOC14/1400, AOC-17, SIL-6B, -9A, -8A, SIL-10A, 10Ai, 10AxL
Dynatech	42 vial tray	Spark Holland	Marathon, Promis, Tiathalon, Midas
Gilson	231XL, 232XL, 233XL, Asted XL, Aspec XL	Spectra-Physics	8875, 8880
Gynkoteck	Gina, others	Talbot	
Hitachi	S6551, L-7200, L-7250	TOA	ICA5450
IBM		TosoHaas	TSK-6080, AS-8010, AS-8020
ICI	All except LC1600	TSP	8875, 8880, AS100/1000, AS300/3000
Infochroma		Unicam	4700LC, LC-XR 4247
Jasco	851-AS, AS-950, LC800 & 900 series	United Technologies	
Kipp		Varian/Rainin	Dynamax AI-3AI-IA, AI-2W
Kontron	360, 460	Varian	8100/8200, 8035, 8000 Series, Marathon, 8055, 8085, 9100/9090/9095, 3800 GC
LDC	All except 713	Waters	Alliance 2690
L.E.A.P. Technologies	CTC A200S		
Magnus Scientific			



Inserts
for 2.0 mL, 8 mm Screw-Thread Vials

Description	Volume	Material	100-pk.	1000-pk.
Insert w/Polypropylene Bottom Spring	100µL	Glass	24508	21775
Insert, Flat Bottom	250µL	Glass	—	24510
Insert, Flat Bottom w/ID Ring	250µL	Glass	—	24691
Insert, No Spring	100µL	Polypropylene	24511	—
Insert w/Bottom Spring	100µL	Polypropylene	24512	—



24623

2.0 mL, 8 mm Screw-Thread Vials with 100 µL Insert

- Plastic vials.
- Choice of glass or polypropylene insert.

Description	100-pk.	1000-pk.
Plastic Vial w/100µL Polypropylene Insert	24623	24624
Plastic Vial w/100µL Glass Insert	24625	—

*Amber glass insert/clear plastic vial available on request (1,000-packs only).



24626

**2.0 mL Big Mouth Step Design Screw-Thread Vials,
12 x 32 mm, 10 mm/425 Thread**

- 40% larger opening than other vials.
- Step profile automatically centers glass flange limited volume inserts.
- Preassembled caps with septa, with or without vials.
- Designed for Waters Alliance® autosamplers.

The Big Mouth Step Vial System has a larger ID than conventional vials and incorporates a neck finish that is uniquely designed to allow the insert to be precisely aligned in the center of the vial. This precise alignment provides maximum sample withdrawal and eliminates any chance of missed injections.

2.0 mL Big Mouth Step Screw-Thread Vials (vial only)

Description	Volume	Color	100-pk.	1000-pk.
Big Mouth Step Vial w/White Graduated Marking Spot	2.0mL	Clear	24626	24627
Big Mouth Step Vial w/White Graduated Marking Spot	2.0mL	Amber	24628	24629



24677



21148

Caps and Septa for 2.0 mL Big Mouth Step Vials

Description	Septa Material	1000-pk.
Caps and Septa, Preassembled	PTFE/Silicone/PTFE, 0.040"	21723
Caps and Septa, Preassembled	Red PTFE/White Silicone, 0.060"	24677
Septa Only	Red PTFE/White Silicone, 0.060"	21148

also **available**

See **page 361** for preassembled vial kits and limited volume inserts.

tech tip

Compatibility concerns?

Refer to the Septum Selection Guide on page 353.

instrument **reference**

For 2.0 mL, 10 mm Screw-Thread Vials

The following instruments are compatible with 2.0 mL, 10 mm screw-thread vials. For further information or questions, please contact your Restek sales representative or technical service.

Manufacturer	Instrument/Model #
Alcott	738
Alltech	570
Altex	
ASC	
Beckman	501, 502, 507
L.E.A.P. Technologies	CTC A200S
Shimadzu	SIL-10A, 10Ai, 10AxL, AOC-20i
Varian	8100/8200
Waters	Alliance 2690