

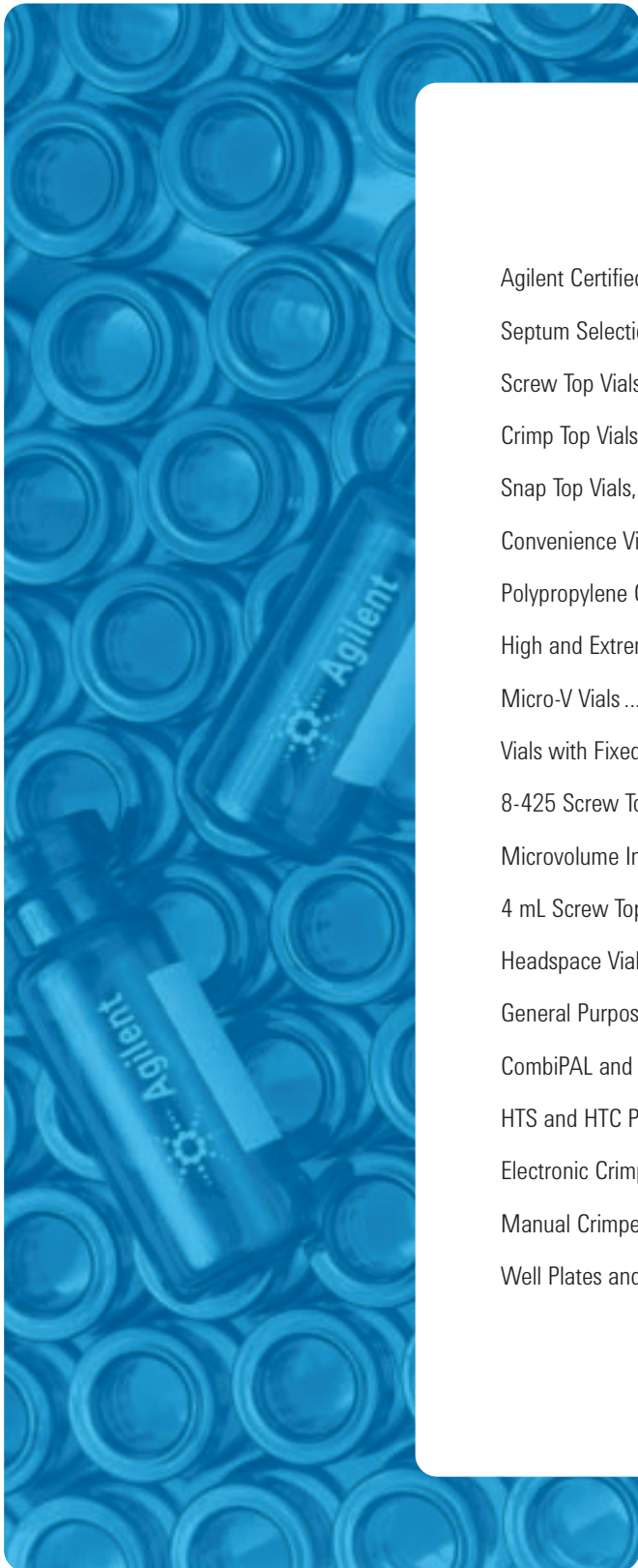


Agilent Certified Vials, Caps and Septa

Ensure seamless operation with your instruments, so your most complex runs proceed smoothly

Our measure is your success.





Agilent Certified Vials	3
Septum Selection Guide	5
Screw Top Vials, Caps, Septa and Kits	6
Crimp Top Vials, Caps and Kits	9
Snap Top Vials, Caps and Kits	11
Convenience Vial and Cap Packs	13
Polypropylene Crimp/Snap Top Vials	14
High and Extreme Recovery Vials	15
Micro-V Vials	16
Vials with Fixed Inserts	16
8-425 Screw Top Vials, Caps and Septa	17
Microvolume Inserts	18
4 mL Screw Top Vials, Caps and Septa	19
Headspace Vials, Caps, Septa and Kits	20
General Purpose Sample and Storage Vials	22
CombiPAL and GC PAL Liquid Injection Vials and Caps	23
HTS and HTC PAL Liquid Injection Vials and Caps	24
Electronic Crimpers and Decappers	25
Manual Crimpers and Decappers	26
Well Plates and Vial Plates	27

Agilent Certified Vials

Do not let the least expensive part of the sequence become your biggest cause of failed analysis.

Many analysts think of vials as simple, inexpensive components that do not affect results. Until something goes wrong.

The fact is, substandard vials can break or become misaligned, which can cause sequence problems, unnecessary downtime, expensive repairs, and the loss of precious samples.

Prevent unpleasant surprises with Agilent certified vials.

Agilent certified vials may be small, but they can have a big effect on your productivity and results. For starters, they are manufactured with the same exacting specifications that go into every Agilent instrument. We also perform stringent testing of critical dimensions – such as finish, outer diameter, and length – to ensure that each vial works flawlessly with your Agilent autosampler's gripping and injection mechanisms.

But our commitment to quality does not stop there. Each certified vial is made from first hydrolytical class, borosilicate glass type 1. It is then packed in a clean, sealed environment to prevent contamination.

We guarantee your satisfaction, and we prove it in writing.

Every order of certified vials, caps, and septa comes with a test certificate that confirms product specifications.

In addition, all Agilent certified products are backed by our 90-day guarantee from the date of shipment. This gives you 90 days to experience first-hand the benefits of optimized instrument performance, greater accuracy, and increased productivity.



The industry's broadest range of certified vials, caps and septa.

Other manufacturers offer only a narrow selection of vial "kits." But Agilent lets you choose virtually any combination of certified vials, caps and septa, so you can select the best match for your application.

On the following pages, you will find an in-depth look at Agilent's complete line of certified vials and related products.

To place your order, go to www.agilent.com/chem/store or contact your local Agilent Representative or Agilent Authorized Distributor.



Eliminate the problems typical of uncertified vials

Common problems with uncertified, non-Agilent vials	Effects	Benefits of Agilent certified vials and caps
Inconsistency with vial bottom thickness	<ul style="list-style-type: none"> Sample draw inconsistency Damaged needle 	Consistent and valid relative standard deviation (RSD) values
Autosampler sequence interruption	<ul style="list-style-type: none"> Mishandled or dropped vials Loss of precious sample 	Confidence in unattended operation
Undetected improper seal	<ul style="list-style-type: none"> Sample loss/evaporation Possible sample contamination 	Proper sealing for accurate results
Dislodged or misaligned septa	<ul style="list-style-type: none"> Sample loss Sample contamination 	Accurate results
Ghost peaks	<ul style="list-style-type: none"> Contamination by cap septa 	Chromatographic purity test that eliminates outliers and analysis errors

Agilent certified vials are manufactured in an ISO 9001 certified environment, and conform to U.S. and European Pharmacopoeia requirements.

Our certified caps and septa are designed and fabricated for proper sealing and trouble-free operation with Agilent instruments. We also perform chromatographic tests on silicone septa to ensure the highest standards of purity, and to eliminate outliers and sample errors.

Septum Selection Guide

Septum Material	Compatible with	Incompatible with	Resealability	Max. Temperature
Rubber (Natural or Butyl)	ACN, acetone, DMF, alcohols, diethylamine, DMSO, phenols	Chlorinated solvents, aromatics, hydrocarbons, carbon disulfide	Excellent	< 100°C
PTFE/Natural or Butyl Rubber	PTFE resistance until punctured, then septa or liner will have compatibility of rubber		Good	< 100°C
Silicone/Silicone Rubber	Alcohol, acetone, ether, DMF, DMSO	ACN, THF, benzene chloroform, pyridine, toluene, hexane, heptane	Excellent	< 200°C
PTFE/Silicone, PTFE/Silicone/PTFE	PTFE resistance until punctured, then septa will have compatibility of silicone		Average	< 200°C
VITON	Chlorinated solvents, benzene, toluene, alcohols, hexane, heptane	DMF, DMSO, ACN, THF, pyridine, dioxane, methanol, acetone	Good	< 260°C



Screw Top Vials, Caps, Septa and Kits

Combine the excellent autosampler handling of a crimp cap profile with the ease of a screw cap. The screw caps and precision fit septa give a secure seal with microvolume inserts.

- 2 mL, 12 x 32 mm
- 40% larger opening than standard narrow opening vials
- Unique thread design for consistently secure seal
- Precision-formed neck for optimal robotic arm handling
- Rigorous quality assurance for dimensional consistency from lot to lot
- Optional ceramic write-on spot with fill marks
- Select from several compatible microvolume inserts

Screw Top Vials

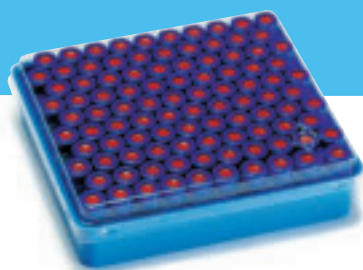
Description	Unit	Part No.
Certified 2 mL Wide Opening Screw Top Glass Vials		
Clear	100/pk	5182-0714
Clear, write-on spot	100/pk	5182-0715
Amber	100/pk	5188-6535
Amber, write-on spot	100/pk	5182-0716
Clear	1000/cs*	5183-2067
Clear, write-on spot	1000/cs*	5183-2068
Amber	1000/cs*	5188-6536
Amber, write-on spot	1000/cs*	5183-2069
2 mL Deactivated Wide Opening Screw Top Glass Vials		
Clear, silanized	100/pk	5183-2070
Clear, write-on spot, silanized	100/pk	5183-2071
Amber, write-on spot, silanized	100/pk	5183-2072
Screw Top Vials with Fixed Inserts		
Clear	100/pk	5188-6591
Amber	100/pk	5188-6592
6 mL Screw Top Vials		
Clear, 16 mm cap size	100/pk	9301-1377
Clear, extreme high recovery, 16 mm cap size, write-on spot	30/pk	5188-2757
Clear, 5 mL high recovery	30/pk	5188-5369

*Case includes 10 packs of 100 vials

Screw Caps and Septa

Description	Unit	Part No.
Certified Polypropylene Screw Caps with Integrated Septa		
Blue, PTFE/red silicone septa	100/pk	5182-0717
	500/pk	5185-5820
Green, PTFE/red silicone septa	100/pk	5182-0718
	500/pk	5185-5829
Red, PTFE/red silicone septa	100/pk	5182-0719
Black, PTFE/red silicone septa	100/pk	5185-5838
Blue, PTFE/white silicone septa	100/pk	5182-0720
	500/pk	5185-5863
Green, PTFE/white silicone septa	100/pk	5182-0721
	500/pk	5185-5864
Red, PTFE/white silicone septa	100/pk	5182-0722
Blue, PTFE/silicone/PTFE septa	100/pk	5182-0723
	500/pk	5185-5862
Green, PTFE/silicone/PTFE septa	100/pk	5182-0724
	500/pk	5185-5861
Red, PTFE/silicone/PTFE septa	100/pk	5182-0725
Blue, pre-slit PTFE/silicone septa	100/pk	5183-2076
	500/pk	5185-5865
Green, pre-slit PTFE/silicone septa	100/pk	5183-2077
Red, pre-slit PTFE/silicone septa	100/pk	5183-2078
Polypropylene Screw Caps with Bonded Septa		
Blue polypropylene cap, bonded PTFE/silicone septa	100/pk	5185-5823
Blue polypropylene cap, bonded pre-slit PTFE/silicone septa	100/pk	5185-5824
Polypropylene Screw Caps (no septa)		
Blue, open top	100/pk	5182-0728
Green, open top	100/pk	5182-0727
Red, open top	100/pk	5182-0726
Blue PTFE-lined solid top (for storage)	100/pk	5183-2075
Septa for Wide Opening Screw Caps		
Ivory, PTFE/red silicone	100/pk	5182-0731
Red, PTFE/white silicone/red PTFE	100/pk	5182-0729
Blue, pre-slit PTFE/white silicone	100/pk	5183-2074
Red, PTFE/white silicone	100/pk	5182-0730
Screw Caps and Septa for 6 mL Vials		
Screw caps, 16 mm	100/pk	9301-1379
PTFE/silicone septa, 16 mm	100/pk	9301-1378
PTFE/silicone septa, pre-slit, 16 mm	100/pk	5188-2758





Pre-Assembled, 2 mL Wide Opening Screw Top Glass Vial Convenience Packs

Pre-assembled packs come ready to use with the cap and septum of your choice attached to the vial. A time/labor-saving product for use on your Agilent Autosampler or any rotating tray automatic sampler. Note: Review the Septum Selection Guide to choose the septum best suited for your application.

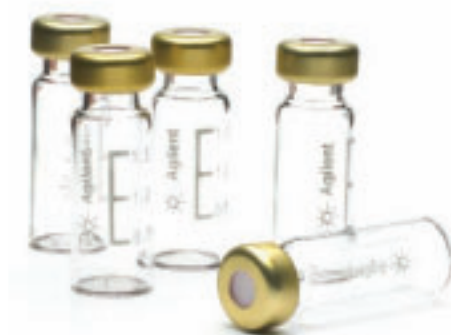
Pre-Assembled, 2 mL Wide Opening Screw Top Glass Vial Convenience Packs

Description	Unit	Part No.
Clear vials, blue screw caps, PTFE/red silicone septa	100/pk	5182-0553
Clear vials with write-on spot, blue screw caps, PTFE/red silicone septa	100/pk	5182-0864
Amber vials with write-on spot, green screw caps, PTFE/red silicone septa	100/pk	5182-0554
Clear vials, blue screw caps, PTFE/silicone/PTFE septa	100/pk	5182-0555
Clear vials with write-on spot, blue screw caps, PTFE/silicone/PTFE septa	100/pk	5182-0866
Amber vials with write-on spot, green screw caps, PTFE/silicone/PTFE septa	100/pk	5182-0556
Clear vials, blue screw caps, PTFE/silicone septa	100/pk	5182-0557
Clear vials with write-on spot, blue screw caps, PTFE/silicone septa	100/pk	5182-0865
Amber vials with write-on spot, green screw caps, PTFE/silicone septa	100/pk	5182-0558
Clear vials, blue screw caps, pre-slit blue PTFE silicone septa	100/pk	5183-2082
Clear vials with write-on spot, blue screw caps, pre-slit blue PTFE silicone septa	100/pk	5183-2083

Crimp Top Vials, Caps and Kits

The wide opening crimp cap provides a larger target area for improved autosampler needle accuracy. Select from four cap colors and a variety of septa. Whatever your crimp top vial needs, Agilent has what you are looking for.

- 2 mL, 12 x 32 mm
- Tightly controlled crown for improved crimping
- Precision-formed neck for improved autosampler handling
- 40% larger opening than standard narrow opening vials
- Rigorous quality assurance provides dimensional consistency from lot to lot
- Optional ceramic write-on spot with fill marks



Crimp Top Vials

Description	Unit	Part No.
Certified 2 mL Wide Opening Crimp Top Glass Vials		
Clear	100/pk	5181-3375
Clear, write-on spot	100/pk	5182-0543
Amber, write-on spot	100/pk	5181-3376
Clear	1000/cs*	5183-4491
Clear, write-on spot	1000/cs*	5183-4492
Amber, write-on spot	1000/cs*	5183-4493
2 mL Deactivated Wide Opening Crimp Top Glass Vials		
Clear, silanized	100/pk	5183-4494
Clear, write-on spot, silanized	100/pk	5183-4495
Amber, write-on spot, silanized	100/pk	5183-4496
Crimp Top Vials with Fixed Inserts		
Clear	100/pk	9301-1388
Amber	100/pk	5188-6572
6 mL Crimp Top Vials		
Clear, 20 mm cap size	100/pk	9301-1419

*Case includes 10 packs of 100 vials



Crimp Caps with 11 mm Septa

Description	Unit	Part No.
Certified Crimp Caps		
Silver aluminum, clear PTFE/red rubber septa	100/pk	5181-1210
Blue aluminum, clear PTFE/red rubber septa	100/pk	5181-1215
Green aluminum, clear PTFE/red rubber septa	100/pk	5181-1216
Red aluminum, clear PTFE/red rubber septa	100/pk	5181-1217
Silver aluminum, PTFE/silicone/PTFE septa	100/pk	5181-1211
Silver aluminum, PTFE/silicone septa	100/pk	5182-0552
Silver aluminum, PTFE/butyl rubber septa	500/pk	5061-3370
Silver aluminum, clear PTFE/red rubber septa	1000/pk	5183-4498
Silver aluminum, PTFE/silicone/PTFE septa	1000/pk	5183-4499
Silver aluminum, PTFE/silicone septa	1000/pk	5183-4500
Crimp Caps		
Silver aluminum, black Viton septa	100/pk	5181-1212
Silver aluminum, thin PTFE septa	100/pk	5182-0871
Magnetic crimp caps for CTC Autosampler	100/pk	5188-5386



Selecting the Best Material For Your Sample

Agilent vials are available in clear or amber glass, as well as polypropylene.

- For most applications, clear glass is the best choice.
- If your sample is light sensitive, choose amber glass.
- For samples that may stick to glass or chemically react with glass, use polypropylene or deactivated vials.

Snap Top Vials, Caps and Kits

Snap top vials and caps are the simple, efficient way to a secure seal without crimping. It's as easy as push-on, pull-off. Agilent's consistently secure seal outperforms the loose fit of other snap caps. Crimp caps can also be used with wide opening snap top vials. Snap cap vials cannot be pressurized.

- 2 mL, 12 x 32 mm
- Use with any 11 mm snap or crimp cap
- Provides a total seal around the entire circumference of the vial crown
- 40% larger opening than standard narrow opening vials
- Precision-formed neck improves autosampler handling
- Optional ceramic write-on spot
- Uniformly flat bottom ensures compatibility with inserts



Snap Top Vials

Description	Unit	Part No.
2 mL Wide Opening Snap Top Glass Vials		
Clear	100/pk	5182-0544
Clear, write-on spot	100/pk	5182-0546
Amber, write-on spot	100/pk	5182-0545
Clear	1000/cs*	5183-4504
Clear, write-on spot	1000/cs*	5183-4505
Amber, write-on spot	1000/cs*	5183-4506
2 mL Deactivated Wide Opening Snap Top Glass Vials		
Clear, silanized	100/pk	5183-4507
Clear, write-on spot, silanized	100/pk	5183-4508
Amber, write-on spot, silanized	100/pk	5183-4509
Snap Top Vials with Fixed Inserts		
Clear	100/pk	5188-6593
Amber	100/pk	5188-6594

*Case includes 10 packs of 100 vials



Snap Top Caps and Septa

Description	Unit	Part No.
Clear polyethylene cap, clear PTFE/red silicone septa	100/pk	5182-0550
Blue polyethylene cap, clear PTFE/red silicone septa	100/pk	5182-3458
Green polyethylene cap, clear PTFE/red silicone septa	100/pk	5182-3457
Red polyethylene cap, clear PTFE/red silicone septa	100/pk	5182-3459
Polyethylene cap, clear PTFE/red silicone septa	500/pk	5182-0564
Clear polyethylene cap, PTFE/silicone/PTFE septa	100/pk	5182-0566
Snap cap, blue polyethylene, PTFE/silicone septa	100/pk	5182-0541
Clear polyethylene cap, pre-slit PTFE/silicone septa	100/pk	5183-4511
Clear polyethylene cap, solid polyethylene membrane septa	100/pk	5182-0542
Clear polyethylene cap, PTFE septa	100/pk	5182-0540

**Stock up now
on Agilent
certified vials,
caps and septa.**

Visit
www.agilent.com/chem/store,
or call toll free: **1 800 227 9770**,
Option 1 (in the US and Canada).

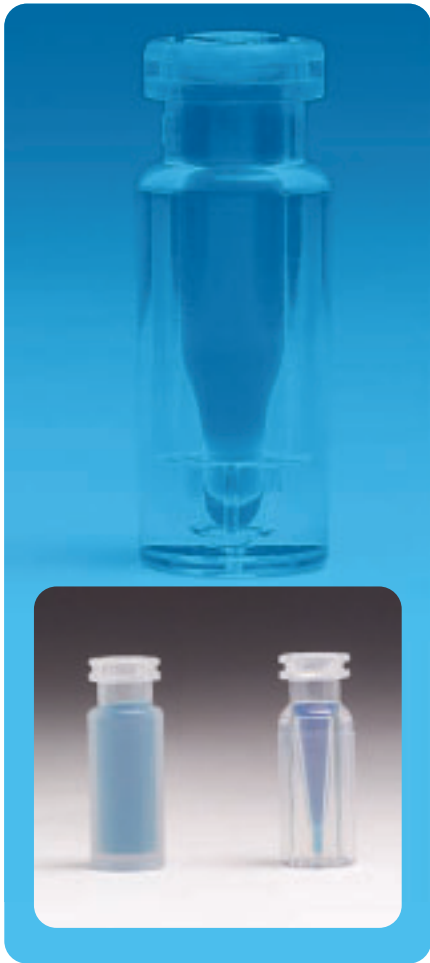
Convenience Vial and Cap Packs

Convenience packs are an easy way to get 500 of each component using one part number. Packed in our six drawer reusable blue plastic cabinet, 500 vials and caps with septa installed are kept handy and dust-free. Note: Review the Septum Selection Guide to choose the septum best suited for your application.



Convenience Vial and Cap Packs

Vials	Caps	Unit	Part No.
Certified Screw Top Vial Convenience Packs			
Clear	Blue screw caps, PTFE/red rubber septa	500/pk	5182-0732
Clear with write-on spot	Blue screw caps, PTFE/red rubber septa	500/pk	5182-0867
Amber with write-on spot	Green screw caps, PTFE/red rubber septa	500/pk	5182-0733
Clear	Blue screw caps, PTFE/silicone/PTFE septa	500/pk	5182-0736
Clear with write-on spot	Blue screw caps, PTFE/silicone/PTFE septa	500/pk	5182-0869
Amber with write-on spot	Green screw caps, PTFE/silicone/PTFE septa	500/pk	5182-0737
Clear	Blue screw caps, PTFE/silicone septa	500/pk	5182-0734
Clear with write-on spot	Blue screw caps, PTFE/silicone septa	500/pk	5182-0868
Amber with write-on spot	Green screw caps, PTFE/silicone septa	500/pk	5182-0735
Clear	Blue screw caps, pre-slit PTFE/silicone septa	500/pk	5183-2079
Clear with write-on spot	Blue screw caps, pre-slit PTFE/silicone septa	500/pk	5183-2080
Amber with write-on spot	Green screw caps, pre-slit PTFE/silicone septa	500/pk	5183-2081
Clear	Blue screw caps, pre-slit PTFE/silicone septa	500/pk	5067-0205
Certified Crimp Top Vial Convenience Packs			
Clear	Silver aluminum crimp caps, PTFE/red rubber septa	500/pk	5181-3400
Amber with write-on spot	Silver aluminum crimp caps, PTFE/red rubber septa	500/pk	5181-8801
Snap Top Vial Convenience Packs			
Clear	Clear polypropylene snap caps, PTFE/red rubber septa	500/pk	5182-0547
Amber with write-on spot	Clear polypropylene snap caps, PTFE/red rubber septa	500/pk	5182-0548



Polypropylene Crimp/Snap Top Vials

Wide Opening Polypropylene Crimp/Snap Top Vials

Wide opening 12 x 32 mm vials are manufactured from virgin polypropylene, meeting the requirements of 21 CFR 177.1520. Polypropylene is chemically resistant and the material of choice for pH sensitive samples, sodium or heavy metals analysis. Polypropylene is translucent and able to withstand temperatures to 135°C. Use with crimp or snap caps.

Wide Opening Glass/Plastic Crimp/Snap Top Vials

Our 12 x 32 mm wide opening vials are most popular for economical and effective microsampling. Its polypropylene body has a glass flanged insert molded to the inside, so the sample comes in contact only with the 100 µL high quality glass insert and the septum. Use with crimp or snap caps.

Polypropylene Crimp/Snap Top Vials

Description	Unit	Part No.
Wide Opening Polypropylene Crimp/Snap Top Vials		
1 mL	100/pk	5182-0567
300 µL	1000/pk	9301-0978
300 µL	100/pk	5188-2788
Wide Opening Glass/Plastic Crimp/Snap Top Vials		
100 µL	100/pk	9301-0977

High and Extreme Recovery Vials

High Recovery Glass Vials

Wide opening, 1.5 mL vials with 30 μ L reservoir are for sample concentration and injection without transferring to microvolume inserts.

Extreme Recovery Vials

- Uniform internal surface without any ridges to hold back sample
- Wider neck opening for easy pipetting
- Increased sample volume capacity versus standard inserts
- Low residual volume for smaller volume injections without using the inserts
- Safe to use with Vortex for sample concentration

High and Extreme Recovery Vials

Description	Unit	Part No.
1.5 mL Wide Opening Screw Top High Recovery Glass Vials		
Clear	100/pk	5183-2030
Amber, write-on spot	100/pk	5183-2073
1.5 mL Wide Opening Crimp Top High Recovery Glass Vials		
Clear	100/pk	5182-3454
Clear, silanized	100/pk	5183-4497
1.5 mL Wide Opening Snap Top High Recovery Glass Vials		
Clear	100/pk	5183-4510
1.5 mL Crimp Top Extreme Recovery Vials		
Clear	100/pk	5185-5821
5 and 6 mL High Recovery Vials		
Clear, 6 mL extreme high recovery screw top vials	30/pk	5188-2757
Clear, 5 mL high recovery screw top vials	30/pk	5188-5369





Micro-V Vials

- Wide opening, 1.5 mL vials with low residual volume
- Made from first hydrolytical class, glass Type 1
- Standard 12 x 32 mm dimension
- Compatible with standard closures
- Lower cost alternative to high recovery vials

Micro-V Vials

Description	Unit	Part No.
Screw Top Micro-V Glass Vials		
Clear	100/pk	5184-3550
Amber	100/pk	5184-3554
Crimp Top Micro-V Glass Vials		
Clear	100/pk	5184-3551
Amber	100/pk	5184-3555
Snap Top Micro-V Glass Vials		
Clear	100/pk	5184-3552
Amber	100/pk	5184-3556

Vials with Fixed Inserts

- Standard 12 x 32 mm dimension
- Better alternative than vials with inserts
- Low residual volume, ideal for small sample volumes
- Compatible with standard closures
- Easy handling

Vials with Fixed Inserts

Description	Unit	Part No.
Screw Top Vials with Fixed Inserts		
Clear	100/pk	5188-6591
Amber	100/pk	5188-6592
Crimp Top Vials with Fixed Inserts		
Clear	100/pk	9301-1388
Amber	100/pk	5188-6572
Snap Top Vials with Fixed Inserts		
Clear	100/pk	5188-6593
Amber	100/pk	5188-6594

8-425 Screw Top Vials, Caps and Septa

The original, smaller opening vials with an 8-425 thread size screw cap are available with black caps and a variety of septa to meet the needs of your application.

- 8-425 thread design
- Original, narrow neck size

8-425 Screw Top Vials

Description	Unit	Part No.
2 mL 8-425 Screw Top Glass Vials		
Clear	100/pk	5183-4428
Amber	100/pk	5183-4429
Clear, PTFE-lined storage cap	100/pk	5183-4518
2 mL Deactivated 8-425 Screw Top Glass Vials		
Clear, silanized	100/pk	5183-4432
Amber, silanized	100/pk	5183-4433

8-425 Screw Caps and Septa

Description	Unit	Part No.
8-425 Screw Caps with Septa		
Black, red PTFE/white silicone septa	100/pk	5183-4442
8-425 Screw Caps (no septa)		
Black	100/pk	5183-4438
Septa for 8-425 Screw Caps		
Red PTFE/white silicone/red PTFE, 8 mm	100/pk	5183-4436
Red PTFE/white silicone, 8 mm	100/pk	5183-4437
PTFE coated Butyl rubber septa	500/pk	9301-1130





Microvolume Inserts

To meet your microsampling needs, Agilent has a variety of microvolume inserts with capacities and designs that can transform our vials from full-capacity to limited volume with one simple step.

Microvolume Inserts

Description	Unit	Part No.
Microvolume Inserts for Wide Opening Vials		
Conical Inserts with Polymer Feet		
100 µL glass inserts with polymer feet and mandrel interior	100/pk	5181-1270
100 µL deactivated glass inserts with polymer feet and mandrel interior	100/pk	5181-8872
100 µL polypropylene inserts with polymer feet	100/pk	5182-0549
Conical Glass Inserts		
100 µL pulled-point glass inserts	100/pk	5183-2085
Flat Bottom Inserts		
250 µL glass flat bottom inserts	500/pk	5181-3377
250 µL deactivated glass flat bottom inserts	500/pk	5183-2086
250 µL polypropylene flat bottom inserts	500/pk	5183-2087
Narrow neck inserts	500/pk	9301-1387
Microvolume Inserts for 2 mL, 8-425 Screw Top Vials		
Conical Inserts with Polymer Feet		
100 µL glass inserts with polymer feet	100/pk	5183-2088
Conical Glass Inserts		
100 µL pulled-point interior glass inserts	100/pk	5183-2089
Flat Bottom Inserts		
100 µL glass flat bottom inserts	100/pk	5183-2090

4 mL Screw Top Vials, Caps and Septa

4 mL, 15 x 45 mm screw top glass vials are designed to fit the autosampler tray (G2880A) used with the Agilent 6850 and can be used as sample or wash vials. Vials with fill marks are also appropriate as wash or waste vials in 7673 and 7683 autosamplers. These vials can also be used in the Perkin-Elmer Autosystem GC; Waters 48-position tray autosampler; and Shimadzu AOC-14/1400, LC-10A, and SIL-2AS. Use the 13 x 425 caps with septa as sample vials and with diffusion caps for wash vials. These vials can also be used as storage vials.

- 4 mL, 15 x 45 mm
- Precision formed screw threads (13 x 425) for consistently secure seal
- Custom fit for 7673, 7683 and 6850 autosamplers
- Can be used as wash, waste or storage vials

4 mL Screw Top Vials

Description	Unit	Part No.
Clear	100/pk	5183-4448
Amber	100/pk	5183-4450

Caps and Septa for 4 mL Screw Top Vials

Description	Unit	Part No.
Black 13 x 425 caps, PTFE/silicone septa	100/pk	5183-4464
Black 13 x 425 open top screw caps	100/pk	5183-4461
Diffusion inserts used with black open top screw caps	12/pk	07673-40180
PTFE/natural rubber septa	144/pk	9301-1031
Red PTFE/white silicone	100/pk	5183-4460
White virgin PTFE septa	1000/pk	5183-4459

4 mL Screw Top Convenience Packs

Description	Unit	Part No.
Clear screw top wash vials with screw caps (no septa)	144/pk	9301-0723
4 mL wash vials with fill markings and caps	25/pk	5182-0551





Headspace Vials, Caps, Septa and Kits

These beveled neck 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. You can save when you purchase a "pack" quantity – with vial, cap and septa packaged together in a single container.

- 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

Headspace Vials

Description	Unit	Part No.
Certified Flat Bottom Headspace Crimp Top Glass Vials		
20 mL, 23 x 75 mm	100/pk	5182-0837
10 mL, 23 x 46 mm	100/pk	5182-0838
Certified Rounded Bottom Headspace Crimp Top Glass Vials		
20 mL, 23 x 75 mm	100/pk	5183-4474
10 mL, 23 x 46 mm	100/pk	5183-4475
Certified Headspace Vials for G1888A Autosampler		
Headspace screw top vial, 20 mL, clear, 23 x 75 mm	100/pk	5188-2753
Headspace screw top vial, 10 mL, clear, 23 x 46 mm	100/pk	5188-5392
Headspace screw top vial, 20 mL, amber, 23 x 75 mm	100/pk	5188-6537
Headspace screw top vial, 10 mL, amber, 23 x 46 mm	100/pk	5188-6538
UltraClean 18 mm screw caps with septa for headspace vials	100/pk	5188-2759



Learn more about
Agilent's headspace sampler.

Visit www.agilent.com/chem/headspace

Headspace Caps and Septa

Description	Specifications	Unit	Part No.
Certified 20 mm Headspace Crimp Caps with Septa			
Silver aluminum, PTFE/silicone septa	-60°C to 180°C	100/pk	5183-4477
Silver aluminum, safety feature, PTFE/silicone septa	-60°C to 180°C	100/pk	5183-4478
Silver aluminum, molded PTFE/butyl septa	-40°C to 125°C	100/pk	5183-4479
20 mm Headspace Crimp Caps with Septa			
Silver aluminum, safety feature, molded PTFE/butyl septa	-40°C to 125°C	100/pk	5183-4480
Certified Ultra Clean 18 mm Screw Top Caps with Septa			
Silver, 1.5 mm PTFE/silicone septa (top white, bottom blue)	to 100 °C	100/pk	5188-2759
20 mm Headspace Crimp Caps (no septa)			
Silver aluminum, one piece		100/pk	9301-0721
Silver aluminum, one piece, safety feature		100/pk	9301-0718
20 mm Headspace Septa			
Gray butyl stopper	-40°C to 120°C	100/pk	5183-4476
Gray PTFE/black butyl molded	-40°C to 125°C	100/pk	9301-0976
Tan PTFE/white silicone	-60°C to 180°C	100/pk	9301-0719



Headspace Vial Convenience Kits

Description	Specifications	Unit	Part No.
20 mL Headspace crimp top, flat bottom vials, silver aluminum one-piece crimp caps with safety feature, molded gray PTFE/black butyl septa	< 125°C	100/pk	5182-0839
20 mL Headspace crimp top, flat bottom vials, silver aluminum one-piece crimp caps with safety feature, PTFE/white silicone septa	< 180°C	100/pk	5182-0840



General Purpose Sample and Storage Vials

With four vial capacities available in clear or amber glass, Agilent vials are ideal for sampling or storage. Our Teflon-lined storage caps offer broad chemical resistance – the ultimate in glass closures. The polypropylene screw caps with PTFE/silicone septa are extra clean to eliminate sample contamination.

General Purpose Sample and Storage Vials

Description	Unit	Part No.
Clear Glass Sample Vials with PTFE Lined Storage Caps		
4 mL, 15 x 45-vials with 13-425 caps	100/pk	5183-4519
12 mL, 19 x 65-vials with 15-425 caps	200/pk	5183-4521
22 mL, 23 x 85-vials with 20-400 caps	200/pk	5183-4523
40 mL, 28 x 95-vials with 24-400 caps	100/pk	5183-4524
Amber Glass Sample Vials with PTFE Lined Storage Caps		
4 mL, 15 x 45-vials with 13-425 caps	100/pk	5183-4526
12 mL, 19 x 65-vials with 15-425 caps	200/pk	5183-4528
40 mL, 28 x 95-vials with 24-400 caps	100/pk	5183-4530
Clear Glass Sample Vials with Caps and Septa		
4 mL, 15 x 45-vials with 13-425 caps	100/pk	5183-4532
12 mL, 19 x 65-vials with 15-425 caps	200/pk	5183-4534
22 mL, 23 x 85-vials with 20-400 caps	200/pk	5183-4536
40 mL, 28 x 95-vials with 24-400 caps	100/pk	5183-4537



CombiPAL and GC PAL Liquid Injection Vials and Caps



These micro and 2 mL vials and caps are designed to work seamlessly with CombiPAL and GC PAL magnetic needle guides and bar code readers. They also offer superior maneuverability, so your most complex runs will proceed successfully.

CombiPAL and GC PAL Liquid Injection Vials and Caps

Description	Unit	Part No.
2 mL vials		
Crimp top vial, wide opening, clear	100/pk	5181-3375
Crimp top vial, wide opening, amber, write-on spot	100/pk	5181-3376
Crimp top vial, wide opening, clear, write-on spot	1000/cs	5183-4492
Crimp top vial, wide opening, amber, write-on spot	1000/cs	5183-4493
Screw top vial, wide opening, Clear	100/pk	5182-0714
Crimp/snap top vial, wide opening, Clear	100/pk	5182-0544
2 mL caps		
Crimp cap, 11 mm magnetic	100/pk	5188-5386
Screw cap, PTFE/white silicone septa	100/pk	5182-0720
Snap cap, blue polyethylene, PTFE/silicone septa	100/pk	5182-0541
Micro vials		
Crimp top vial, 0.8 mL, amber glass, flat bottom	1000/pk	5183-4487
Crimp top vial, 0.1 mL, clear, tapered	500/pk	5180-0844
Crimp top vial, 0.3 mL, clear, round	500/pk	5180-0841
Crimp top vial, 0.7 mL, amber, round	500/pk	5180-0805
Crimp top vial, 0.5 mL, amber, conical	500/pk	5180-0806
Micro caps		
Crimp caps with PTFE/silicone septa	500/pk	5180-0842

Learn more about the
CombiPAL and GC PAL.

Visit
www.agilent.com/chem/CTC



HTS and HTC PAL Liquid Injection Vials and Caps

HTS and HTC PAL high-throughput LC injection systems are configured to cope with today's high-throughput LC/MS demands. And Agilent brings you a wide choice of well plates, vials, and caps that are engineered to work with these injectors, providing the flexibility you need.

HTS and HTC PAL Liquid Injection Vials and Caps

Description	Unit	Part No.
2 mL vials		
Screw top vial, wide opening, clear	100/pk	5182-0714
Screw top vial, polypropylene, with 0.2 mL integrated glass insert	100/pk	5188-5390
Crimp top vial, wide opening, clear	100/pk	5181-3375
Crimp/snap top vial, clear, write-on spot	100/pk	5182-0546
2 mL caps		
Screw cap, PTFE/white silicone septa	100/pk	5182-0720
Screw cap, pre-slit PTFE/silicone septa	100/pk	5183-2076
Crimp cap, silver aluminum, PTFE/silicone septa	100/pk	5182-0552
Snap cap, blue polyethylene, PTFE/silicone septa	100/pk	5182-0541
Micro vials		
Crimp top vial, 0.8 mL, amber glass, flat bottom	1000/pk	5183-4487
Crimp top vial, 0.1 mL, clear, tapered	500/pk	5180-0844
Crimp top vial, 0.3 mL, clear, round	500/pk	5180-0841
Crimp top vial, 0.7 mL, amber, round	500/pk	5180-0805
Crimp top vial, 0.5 mL, amber, conical	500/pk	5180-0806
Micro caps		
Crimp caps with PTFE/silicone septa	500/pk	5180-0842

**Learn more about the HTS
and HTC PAL injection systems.**

Visit www.agilent.com/chem/CTC-LC

Electronic Crimpers and Decappers

Whenever large amounts of crimp vials need to be crimped or decapped, the electronic crimper or decapper is the right tool. It reduces stress and repetitive motion injury associated with manual plier-style crimpers and decappers. Agilent's newly-designed crimper offers easy, hand-held pushbutton operation and provides the following advantages:

- Stronger and sturdier crimping and decapping
- Shorter recharging time and a larger number of battery charges
- Better clearance and more flexibility thanks to improved crimp jaws
- Individual test certificates

Electronic Crimpers and Decappers

Description	Part No.
11 mm Electronic Crimper with 4.8v rechargeable battery pack and charger	5062-0207
20 mm Electronic Crimper with 4.8v rechargeable battery pack and charger	5062-0208
11 mm Electronic Decapper with 4.8v rechargeable battery pack and charger	5062-0209
20 mm Electronic Decapper with 4.8v rechargeable battery pack and charger	5062-0210
4.8v nickel metal hydride replacement battery	5188-6565



Higher operating voltage makes the new generation crimper and decapper stronger and sturdier.



Manual Crimpers and Decappers

Use with all 8, 11 and 20 mm crimp top vials and crimp caps.



Manual Crimpers and Decappers

Description	Part No.
Manual crimper, 8 mm	8710-1643
Manual decapper, 8 mm	5181-8827
Manual crimper, 11 mm	8710-0979
Manual decapper, 11 mm	5181-1213
Manual crimper, 20 mm	9301-0720
Manual decapper, 20 mm	5181-1214

Crimping System and Heads

Description	Part No.
Holder without crimp head, to be mounted	5062-2495
Crimp head, 11 mm	5001-3755
Crimp head, 20 mm	5001-3756
Decapper head, 11 mm	5001-3758
Decapper head, 20 mm	5001-3759

Vial Racks

Description	Part No.
Rack for 8 mm, 100 and 300 µL minivials, solid plexiglass	5061-3349
Rack for 12 mm, 2 mL vials, 5/pk	9301-0722

Well Plates and Vial Plates

Well Plates and Vial Plates

Description	Unit	Part No.
Well Plates		
96 Well plates, 0.5 mL, polypropylene	120/pk	5042-1385
96 Well plates, 0.5 mL, polypropylene	10/pk	5042-1386
96 Deep well plates, 1 mL, polypropylene	50/pk	5042-6454
Closing mats for 96 well plates, silicone	50/pk	5042-1389
96 Well Plates, 150 μ L, conical, polypropylene	25/pk	5042-8502
384 Well plates, 90 μ L, polypropylene	30/pk	5042-1388
384 Well plates max 45 μ L skirted	25/pk	5188-5375
96 Deep well collection plates with glass inserts, caps, and septa, pre-assembled, 0.35 mL		5065-4402
Glass inserts, 350 μ L	1000/pk	5188-5321
Caps/septa for glass inserts	1000/pk	5188-5322
Vial Plates for 1100/1200 Series Autosamplers and Fraction Collectors		
Vial plate for 54 x 2 mL vials	6/pk	G2255-68700
Tray for 27 Eppendorf safe lock tubes, 0.5/1.5/2 mL		5022-6538
Vial plate for 15 x 6 mL vials		5022-6539
Plate for 24 tubes with 18 mm diameter		5042-8544



When you choose Agilent certified vials, caps and septa, you get more than just dependable products.



You also get...

- Over 40 years of chromatography experience.
- Unmatched technical support – on the Web, by phone or in person.
- A 90-day warranty from the date of shipment.

For more information about Agilent products and services:

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