

Vials Types

Crimp vials:



- Most popular, least expensive
- Needs crimping tool
- Color coded caps
- Available in glass, polypropylene, silanized & high recovery
- Cannot reuse cap

Snap Vials:



- Uses snap or crimp caps
- Moderate price
- Color coded caps
- Available in glass, polypropylene, silanized & high recovery
- Can reuse caps

Screw vials:



- Easiest to use
- More expensive
- Color coded caps
- Can remove cap to recover or discard sample
- Available in glass, polypropylene, high recovery & silanized
- Can reuse caps

Autosampler/Compatibility

	2mL 11mm CRIMP	2mL 8-425 SCREW	2mL 9mm SCREW	HeadSpace
Agilent	1050/1090/1100/1200 5880/5890/6890 7673A/7683A CTC Combi PAL CP8410 CP8034/8035/8100/8200/9095/9100	•	•	•
Bruker (Varian)	8035/ Vista 8000/8100/8200/8400/8410, CP9109/11/912/9010 Genesis	•	•	•
Carlo Erba/ Fisons	AS800			
CTC	AS200/LC PAL Combi Pal	•	•	• Magnetic
Jasco	AS2055/AS2055i/AS2057/AS2057i/AS2059	•	•	•
Perkin Elmer	AS-100/100B/300/8300, Autosystem Clarus 400/500/600 SIL-2AS/6A/10A/10AF/10AP/10Ai/10AxL	•	• Flanged	•
Shimadzu	SIL-6B/7A/8A/9A SIL-10A/10AF/10AP/10Ai/10AxL TRACE GC + FOCUS GC	•	•	•
Thermo	SURVEYOR LC TRIPLUS 2767/2707/2777 Acquity	•	•	• Magnetic
Waters	Acquity UPLC Alliance, Alliance 2690/2695/2790/2795 Wisp 48, Wisp 96, 717	•	•	•
VWR (Merck)/Hitachi		•	•	•

Septa Types

Characteristics	Chemical compatibility
PTFE Exceptional solvent resistance and chemical compatibility Recommended for single injection applications The most economical septa Not recommended for long term sample storage Maximum temperature 260°C	Acetonitrile, Acetic Acid, Acetone, Alcohols, Benzene, Chlorinated Solvents, Cyclohexane, DMSO, Ether, Methanol, THF, Toluene
Butyl/PTFE Routine analysis Moderate resealing and excellent chemical inertness before puncture Not recommended for multiple injections or storage of samples Least expensive Maximum temperature 150°C	Acetonitrile, Acetic Acid, Alcohols, DMSO, Methanol
Silicone/PTFE Recommended for multiple injections and sample storage: excellent resealing Autoclavable Excellent resistance to coring Maximum temperature 200°C	Acetonitrile, Acetic Acid, Acetone, Alcohols, DMSO, Ether, Methanol
Silicone/PTFE slit Reduces the possibility of coring Used to prevent vacuum from forming inside the vial Maximum temperature 200°C	Acetonitrile, Acetic Acid, Acetone, Alcohols, DMSO, Ether, Methanol
PTFE/Silicone/PTFE Superior performance for ultra-traces analysis Above average resealing Most resistant to coring Least evaporation Autoclavable Maximum temperature 200°C	Acetonitrile, Acetic Acid, Acetone, Alcohols, Benzene, Chlorinated Solvents, Cyclohexane, DMSO, Ether, Methanol, THF, Toluene



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UptiVialTM

Selection Guide



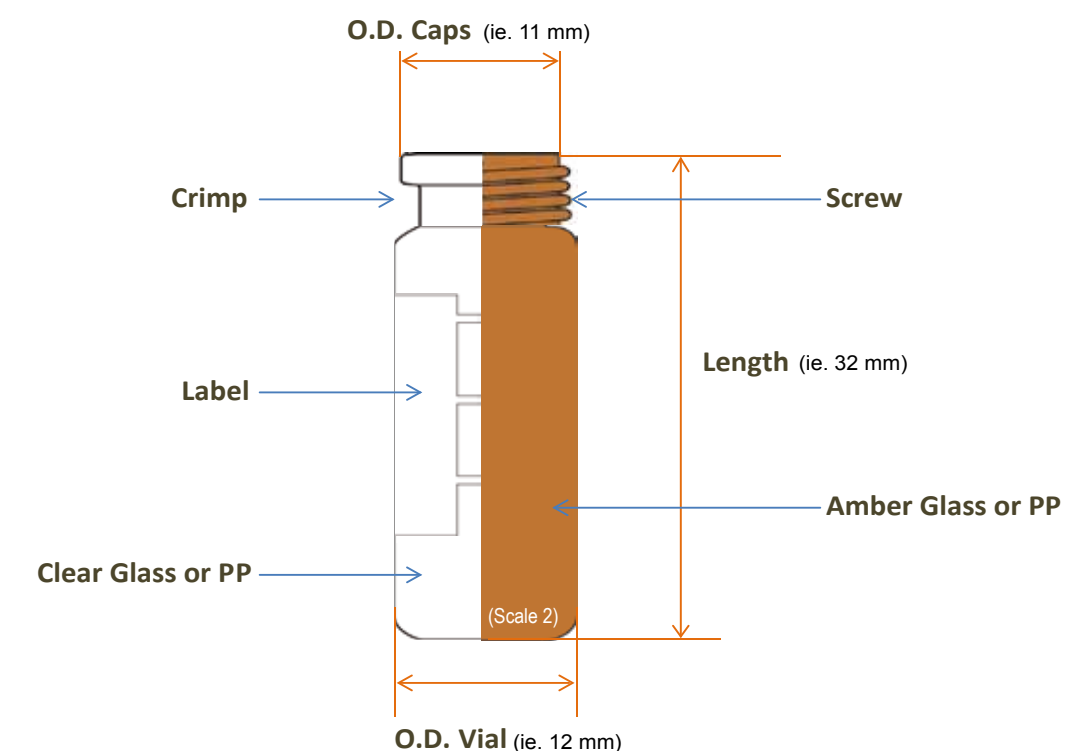
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Vials Selection Guide

	Storage	Autosampler / Headspace
Materials	Clear glass or amber glass	Clear glass, amber glass, clear polypropylene or amber polypropylene
Vials	Screw	Screw, crimp or snap
Septa	Closed caps with PTFE seals or Open caps with silicone/PTFE seals	PTFE, Butyl/PTFE, Silicone/PTFE, Silicone/PTFE slit or Silicone/PTFE/Silicone



Vials Materials

Glass: for general use and for use with acids

Silanized: for use with samples that bind to glass (reduce the adsorption of polar compounds onto the surface of glass container) and for trace analyses

Amber: for use with light sensitive samples

High recovery: for use with limited sample volumes

Polypropylene: for use with samples that bind to glass and for trace analyses

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Local distributor



Storage Vials

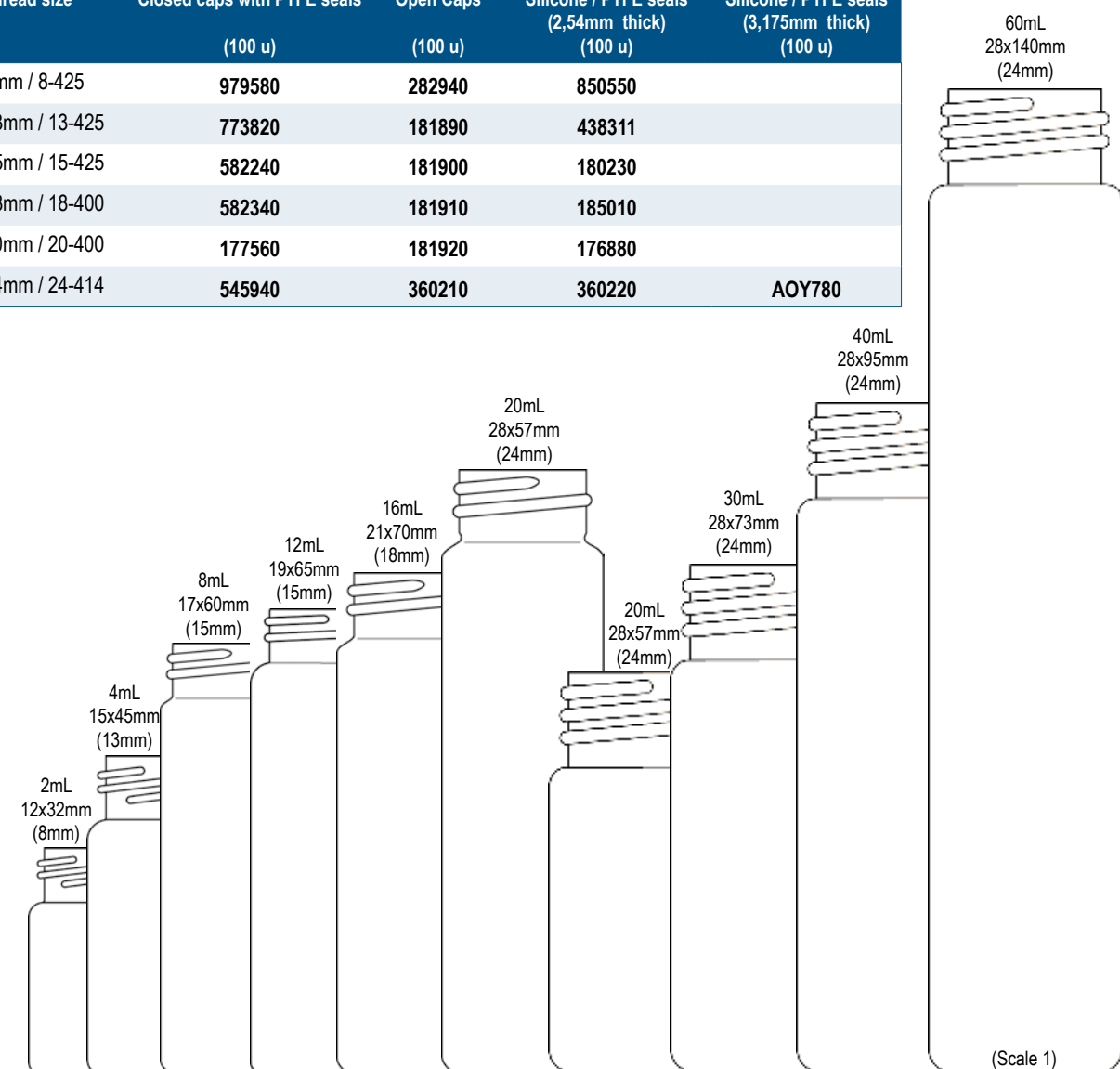
Vials & Kits

Vo-lume	Dim.	Φ caps	Vials		Unassembled kits			
			Clear Vials (100 u)	Amber Vials (100 u)	Clear vials + Closed caps with PTFE seals (100 u)	Amber vials + Closed caps with PTFE seals (100 u)	Clear vials + open caps + Silicone/PTFE seals (100 u)	Amber vials + open caps + Silicone/PTFE seals (100 u)
2mL	12x32mm	8mm	360193	296624	690230	690300	690370	690440
4mL	15x45mm	13mm	181854	360163	690240	690310	690380	690450
8mL	17x60mm	15mm	181860*	667620*	690250*	690320*	690390*	690460*
12mL	19x65mm	15mm	667630*	667640*	690260*	690330*	690400*	690470*
16mL	21x70mm	18mm	181870*	167470*	690270*	690350*	690410*	690480*
20mL	23x85mm	20mm	181880*		690280*			
20mL	28x57mm	24mm	CK1541	CE0831				
30mL	28x73mm	24mm	CH5491	CK8251				
40mL	28x95mm	24mm	217490	360250	690290	690360	690430	690500
60mL	28x140mm	24mm	CG0481	BX1611				

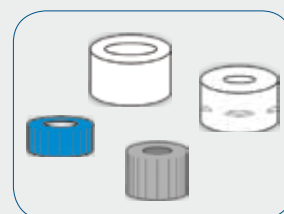
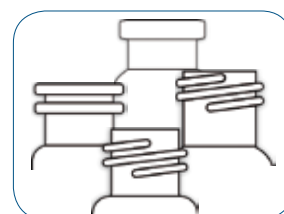
*200 u

Caps & Seals for Storage Vials

Thread size	Closed caps with PTFE seals (100 u)	Open Caps (100 u)	Silicone / PTFE seals (2,54mm thick) (100 u)	Silicone / PTFE seals (3,175mm thick) (100 u)
8mm / 8-425	979580	282940	850550	
13mm / 13-425	773820	181890	438311	
15mm / 15-425	582240	181900	180230	
18mm / 18-400	582340	181910	185010	
20mm / 20-400	177560	181920	176880	
24mm / 24-414	545940	360210	360220	AOY780



UptVials =
1 Part Number + 1 Dispenser Box
+ 1 Attractive price



Autosampler Vials

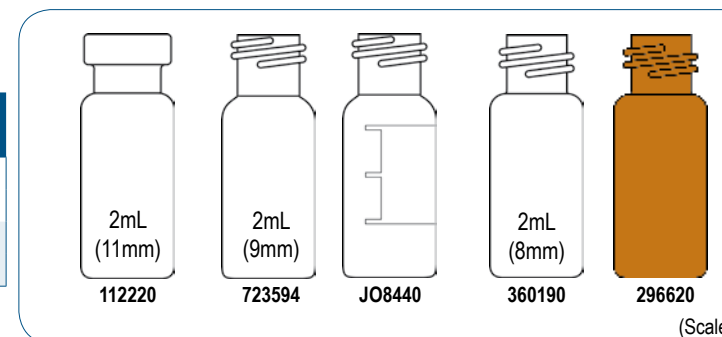
12x32mm, Regular

UptVials Kits (1000u)		Clear glass without label	Clear glass with label	Amber glass without label	Amber glass with label
11mm Crimp vials - 2mL + Caps	Butyl/PTFE crimp caps (aluminium)	788880	BF6490	L74702	U68650
11mm Crimp vials - 2mL + Caps	Silicone/PTFE crimps caps (aluminium)	213910	BU0690	L74692	BU0700
11mm Snap vials - 2mL + Caps	Butyl/PTFE snap caps (PE - translucent)	1D4600	1D4610	DS7470	1D4630
11mm Snap vials - 2mL + Caps	Silicone/PTFE snap caps (PE - translucent)	DY7080	1D4590		EV0720
9mm Screw vials - 2mL + Caps	Butyl/PTFE "bonded" screw caps (blue)	293982	744203	309674	CH2641
9mm Screw vials - 2mL + Caps	Silicone/PTFE "bonded" screw caps (blue)	309575	T33851	572231	DW5955
9mm Screw vials - 2mL + Caps	Silicone/PTFE slit "bonded" screw caps (blue)	T39382	CG8690	CG8771	CG8781
8mm Screw vials - 2mL + Caps	Butyl/PTFE screw caps (black)	494120	DY0980	BU0990	DY0990
8mm Screw vials - 2mL + Caps	Silicone/PTFE "bonded" screw caps (black)	771540	U73070	760470	CK4380
8mm Screw vials - 2mL + Caps	Silicone/PTFE slit screw caps (black)	AZ9870	AX0501	DS7470	AX0511

*Bonded: prevents septa fall out or push through

Vials (1000u)	Clear glass without label	Clear glass with label	Amber glass without label	Amber glass with label	Clear Polypro	Amber Polypro
11mm Crimp vials - 2mL wo	112220	JQ4820	090505	645120		
11mm Snap vials - 2mL (double rings) wo	290920	315050		292660		
9mm Screw vials 2mL wo	723594	JO8440	723981	JO8505	BE9870	BE9880
8mm Screw vials 2mL wo	360190	282610	296620	282660		

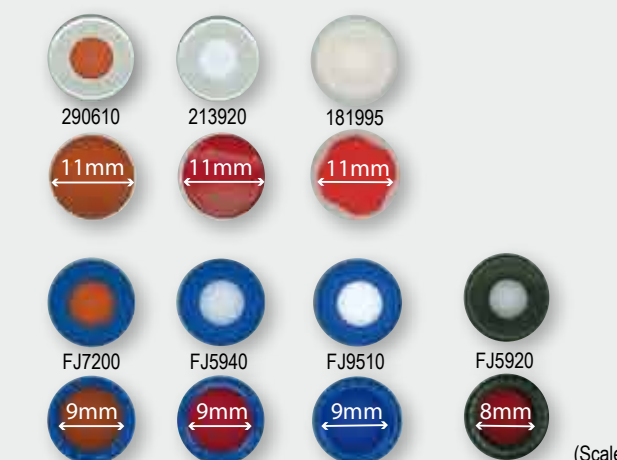
wo: wide opening



Caps (1000u)	PTFE	Butyl/PTFE	Silicone/PTFE	Silicone/PTFE slit	PTFE/Silicone/PTFE
11mm aluminium caps (natural)	324150	290610	213920	871471	HV4470
11mm polyethylene caps (natural)	292930	292940	181995	380571	182042
9mm screw caps (blue)	BE6290	FJ7200*	FJ5940*	FJ9510*	844921
8mm screw caps (black)		583481	FJ5920*	818910	Q95140

Other colors on request - * Bonded

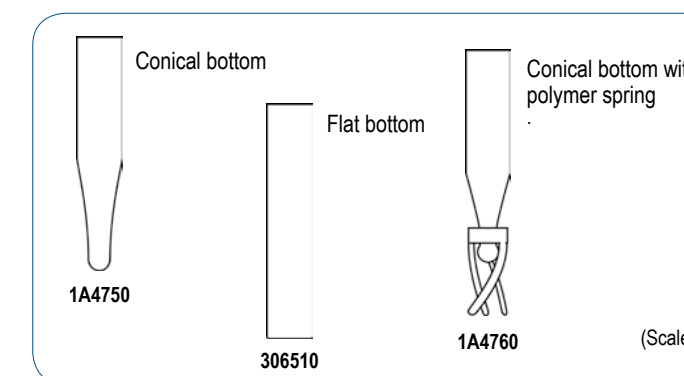
*Bonded: prevents septa fall out or push through



Microsampling

Vials 12x32 mm (1000u)	Volume	Glass	Clear Polypropylene	Amber Polypropylene
11mm Crimp vials or Snap vials	600µL		CL0330	
11mm Crimp vials or Snap vials	300µL	349065	659785	EV3010
9mm Screw vials	600µL		CG6360	
9mm Screw vials	300µL	862686	R06290	BE6070

Glass Inserts (1000u)	Volume	5mm Inserts for standard opening	6mm inserts for wide opening
Flat bottom	300µL	285920	306510
Conical bottom	250µL	1A9950	1A4750
Conical bottom with polymer "spring" feet	250µL	1A9960	1A4760



Headspace Vials

20mm Crimp headspace vials - clear glass (1000u)	6 mL			10 mL			20 mL			
	Flat bottom - Flat top	BF0780	BU2831	BU2971	Round bottom - Flat top	BU3240	426950	Round bottom - Beveled top	793367	793351

Amber glass on request

18mm Screw headspace vials (1000u)	10 mL		20 mL		
	Clear glass round bottom	BE6350	BC0641	Amber glass round bottom	BX3500

Caps (1000u)	20mm Aluminium crimp cap	20mm Aluminium crimp cap pressure release cap	20mm Gold magnetic crimp cap 5mm center hole	18mm Magnetic screw cap
Grey butyl/PTFE grey	989827	356000	356070	BE7560
Silicone blue transparent/PTFE white	HO3870	1D3350	1D3360	1D3370

