

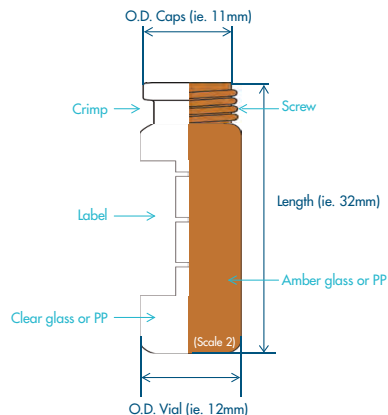
UPTIVIAL™ SELECTION

Autosampler Vials 12 x 32mm
& Crimp, Snap, Screw Caps and
Accessories
Sample vials 2mL up to 60mL



Advion Interchim
scientific

TECHNICAL DATA



Vial Materials

- **Glass:** for general use and for use with acids
- **Clear glass:** Clear Borosilicate Glass 1st hydolytic class (EXP51)
- **Amber glass:** Amber Borosilicate Glass (EXP51)
- **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
- **Polypropylene (PP):** for use with samples that bind to glass and for trace analyses

	PE : PolyEthylene	PP : PolyPropylene	PTFE : PolyTetraFluorEthylene	TPX : PolyMethylPentene	Glass Borosilicated
Temp °C (Min / Max)	-40 / 100 °C	-20 / 135 °C	-200 / 260 °C	0 / 175 °C	-70 / 500 °C
Acetone	D	A	A	A	A
Acetonitrile	A	C	A	C	A
Benzene	D	D	A	B	A
Carbon Tetrachloride	B	B	A	D	A
Chloroform	C	D	A	D	A
Cyclohexane	C	C	A	D	A
Dimethyl Formamide	A	A	A	A	A
Dimethylsulphoxide (DMSO)	A	A	A	A	A
Dioxane	B	B	A	C	A
Ethanol 40%	A	A	A	A	A
Ethyl acetate	A	A	A	C	A
Hexane	B	B	A	C	A
Isopropanol 1000%	A	A	A	A	A
Methanol 100%	A	A	A	A	A
Methyl-t-Butyl Ether	C	C	A	A	A
Tetrahydrofuran	B	B	A	C	A
Toluene	C	C	A	C	A
Water	A	A	A	A	A
Xylene	B	C	A	D	A

A	Excellent
B	Good
C	Fair
D	Not recommended

TECHNICAL DATA

Septas Materials



- 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
- 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
- Silicone/PTFE:** Recommended for multiple injections and sample storage: excellent resealing
 Autoclavable
 Excellent resistance to coring
 Maximum temperature 200°C
- Silicone/PTFE slit:** Reduces the possibility of coring
 Used to prevent vacuum from forming inside the vial
 Maximum temperature 200°C
- PTFE/Silicone/PTFE:** Superior performance for ultra-traces analysis
 Above average resealing
 Most resistant to coring
 Least evaporation
 Autoclavable
 Maximum temperature 200°C



Septa compatibility post injection

Chemical	Rubber	Butyl	Silicone
Acids	B	C	A
Acids, diluted	B	C	B
Acetone	B	B	D
Alcohols	C	B	B
Chloroform	D	C	B
Dioxane	C	D	B
Ethyl Acetate	B	C	A
Ethyl Alcohol	A	C	B
Halogenated Hydrocarbons	D	D	A
Hexane	D	D	B
Ketones	A	B	C
Methanol	B	B	A
Pentane	D	D	B
Sulphuric Acid	C	D	B
Surfactants	A	C	A
Toluene	C	D	B
Water	A	B	A

A	Excellent
B	Good
C	Fair
D	Not recommended

"Bonded" is a chemically inert process that produces a true bond at the molecular level between the septa and the plastic cap without using adhesives.

The septa are completely secured, preventing liner fallout.

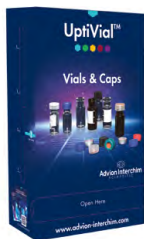
The septa are also uniform, which minimizes coring and eliminates excess evaporation.

Slit (-): Single slit

Slit (+): Cross slit



UPTIVIALS KITS



213910



Kit 11mm Crimp Vials - 2mL - Wide Opening + Crimp Caps

UptiVial™ Kit - Delivered in dispenser box (10 x 100u) Aluminium caps (natural) with septa	Clear glass		Amber glass	
	No Label	Label	No Label	Label
Red Butyl / PTFE Natural (1.0mm)	788880	BF6490	L74702	U68650
White Silicone / PTFE Red (1.0mm)	213910	BU0690	L74692	BU0700
White Silicone / PTFE Red Slit (-) (1.0mm)	DY1240	DY1250	DY1260	DY1270
Red PTFE / Silicone White / PTFE Red (1.0mm)	U73020	DY1210	DY1220	DY1230
Aluminium (free phthalate) (0.06mm)	APSZLO	APSZN0	---	---



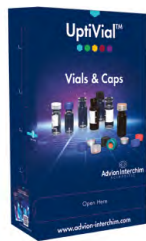
DY0780



Kit 11mm Snap Vials - 2mL - Wide Opening + Snap Caps

UptiVial™ Kit - Delivered in dispenser box (10 x 100u) Polyethylene snap caps (natural) with septa	Clear glass		Amber glass	
	No Label	Label	No Label	Label
Red Butyl / PTFE Natural (1.0mm)	1D4600	1D4610	B3ASAO	1D4630
White Silicone / PTFE Red (1.0mm)	DY7080	1D4590	B33U50	EV0720
White Silicone / PTFE Red Slit (-) (1.0mm)	---	B3ASB0	---	AXF8P0

UPTIVIALS KITS



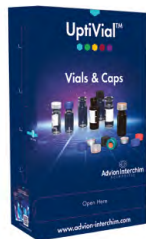
309575



Kit 9mm Screw Vials - 2mL Wide Opening + Screw Caps

UptiVial™ Kit - Delivered in dispenser box (10 x 100u) Blue caps with septa	Clear glass		Amber glass	
	No Label	Label	No Label	Label
Red Butyl / PTFE Natural Bonded (1.0mm)	293982*	744203*	309674*	CH2641*
White Silicone / PTFE Red Bonded (1.0mm)	309575*	T33851*	S72231*	DW5955*
White Silicone / PTFE Blue Slit (-) Bonded (1.0mm)	T39382*	CG8690*	CG8771*	CG8781*
Beige Silicone / PTFE White Slit (-) Bonded (1.3mm)	B305Q0*	CG8710 *	CG9051*	CG9120*
Red PTFE / Silicone White / PTFE red (1.0mm)	309663	DY0580	309746	309323
LC GC certified Kits - 100u Delivered with certificate	Clear glass Label	Amber glass Label		
Beige Silicone / PTFE White Bonded (1.3mm)	1J070C*	1G038C*		
Beige Silicone / PTFE White Slit (-) Bonded (1.3mm)	1G013C*	1J071C*		

* Bonded: prevents septa fall out or push through



771540



Kit 8mm Screw Vials - 2mL Standard Opening + Screw Caps

UptiVial™ Kit - Delivered in dispenser box (10 x 100u) Polypropylene caps (black) with septa	Clear glass		Amber glass	
	No Label	Label	No Label	Label
Butyl red / PTFE natural (1.0mm)	B30SV0	DY0980	BU0990	DY0990
White Silicone / PTFE Red (1.3mm)	771540*	U73070*	760470*	CK4380*
White Silicone / PTFE Red Slit (-) (1.3mm)	1L0830*	AX0501	DS7475	AX0515
Red PTFE/White silicone/PTFE Red (1.0mm)	DY4060	DY4070	DY4080	DY4090

* Bonded: prevents septa fall out or push through

AUTOSAMPLER VIALS 12 X 32MM



112220

11 mm Crimp Vials - Wide Opening



Dimensions:
12 x 32mm
Total volume: 2mL
Usable volume: 1.5mL

PN / 10 x 100u	Clear Borosilicate Glass EXP51		Amber Borosilicate Glass EXP51	
	No Label	Label	No Label	Label
Standard	112220	JQ4820	090505	645120
Silanised	APB751	E46752	---	E46775



315054

11 mm Snap Vials - Wide Opening (double rings)



Dimensions:
12 x 32mm
Total volume: 2mL
Usable volume: 1.5mL

PN / 10 x 100u	Clear Borosilicate Glass EXP51		Amber Borosilicate Glass EXP51	
	No Label	Label	No Label	Label
Standard	290920	315054	---	292660
Silanised	APB771	BD3751	---	APB801



723594

9mm Screw Vials - Wide Opening



Dimensions:
12 x 32mm
Total volume: 2mL
Usable volume: 1.5mL

PN / 10 x 100u	Clear Borosilicate Glass EXP51		Amber Borosilicate Glass EXP 51		Clear Polypropylene	Amber Polypropylene
	No Label	Label	No Label	Label	Graduated	
Standard	723594	J08440	723981	J08505	BE9870	BE9880
Silanised	S31191	J09140	---	E45561	---	---



282662

8mm Screw Vials - Standard Opening



Dimensions:
12 x 32mm
Total volume: 2mL
Usable volume: 1.5mL

PN / 10 x 100u	Clear Borosilicate Glass EXP51		Amber Borosilicate Glass EXP 51	
	No Label	Label	No Label	Label
Standard	360190	282610	296620	282662
Silanised	E45545	---	---	AS2N10

CRIMP CAPS & SNAP CAPS

11 mm Crimp Caps (Aluminium)



290610



213920



Open Caps with Septa (PN / 10x100u)	Natural	Red	Green
PTFE (0.25mm)	324150	---	---
Red Butyl / PTFE Clear (1.0mm)	290610	B424E0	B424D0
Natural Rubber / PTFE Clear (1.0mm)	290619	JQ3860	347931
White Silicone / PTFE Red (1.0mm)	213920	JQ4010	JQ4025
White Silicone / PTFE Red slit (-) (1.0mm)	B426F0	---	---
Blue Silicone / PTFE White slit (+) (1.0mm)	JQ4470	---	---
Red PTFE / Silicone White / PTFE Red (1.0mm)	AYPDU0	---	---

11 mm Snap Caps (Polyethylene)



181999



APB161



Open Caps with Septa (PN / 10x100u)	Natural	Blue	Red
PTFE (0.25mm)	292930	---	---
Red Butyl / PTFE Clear (1.0mm)	AXFA10	---	---
Natural Rubber / PTFE Clear (1.0mm)	BE6980	---	---
White Silicone / PTFE Red (1.0mm)	181999	1D3760	A1MN70
White Silicone / PTFE Red Slit (1.0mm)	B2WJX0 (-) APB161 (+)	1D3750 (-)	OC6940 (-)
Red PTFE / Silicone White / PTFE Red (1.0mm)	182042	---	---

SCREW CAPS



FJ7200



FJ5940



FJ9510



AWH8Z0

9mm Screw Caps (Polypropylene)



Open Caps with Septa (PN / 10x100u)	Blue	Red	Green	Transparent
PTFE (0.25mm)	BE6290	BW8270	BW8290	1Q4530
Red Butyl / PTFE Clear (1.0mm)	FJ7200*	JV9920*	---	U28112*
White Silicone / PTFE Red (1.0mm)	FJ5940*	1I1070*	1F1200*	---
White Silicone / PTFE Red Slit (1.0mm)	AXLCC0* (+)	---	---	---
White Silicone / PTFE Blue Slit (1.0mm)	FJ9510* (-)	E45622 (-)	1P5390 (-)	DX2590 (-)
Beige Silicone / PTFE White (1.3mm)	1F7370*	---	---	---
Beige Silicone / PTFE White Slit (1.3mm)	AWH8Z0* (-)	---	---	---
Red PTFE / Silicone White / PTFE Red (1.0mm)	AYJMU0	DX2040	AS2NQ0	DX2030

* Bonded: prevents septa fall out or push through

8mm Screw Caps (Polypropylene)



FJ5920



818919

Open Caps with Septa (PN / 10x100u)	Black	Blue	Green
Red Butyl / PTFE Clear (1.0mm)	B30SU0*	---	---
White Silicone / PTFE Red (1.3mm)	FJ5920*	1E2860*	1E2870*
White Silicone / PTFE Red Slit (1.3mm)	1K8140* (-)	---	---
White Silicone / PTFE Blue Slit (1.0mm)	818919 (-)	---	---
Red PTFE / Silicone White / PTFE Red (1.0 mm)	Q95140	---	---

* Bonded: prevents septa fall out or push through

AUTOSAMPLER VIALS 12 X 32MM MICROVOLUME

11mm Crimp Microvolume Vials



APB822

Glass vials:
"Champagne" type

PN / 10x100u	Total volume / Usable volume	Glass vials		Polypropylene vials		TPX vials	
		Clear	Amber	Clear	Amber	Clear	Amber
"Champagne" type - Glass insert	1.5mL / 1.1mL	APB823	APB833	---	---	---	---
Flat Bottom	900µL / 700µL	---	---	CL0330	---	B43AT0*	---
Glass insert - Base bonded	300µL / 200µL	KV6450	KV6500	---	---	BW9282	CL0321
Glass insert - Top bonded (with Label)	300µL / 200µL	HQ2990	F01360	---	---	---	---
Plastic insert (same material as vial)	300µL / 200µL	---	---	659780	EV3010	112720	---

* Polyethylene

11mm Snap Microvolume Vials (double rings)



KV6500

Glass vials with glass
insert:
base bonded

PN / 10x100u	Total volume / Usable volume	Glass vials		Polypropylene vials		TPX vials	
		Clear	Amber	Clear	Amber	Clear	Amber
"Champagne" type - Glass insert	1.5mL / 1.1mL	B3AI00	B3AI10	---	---	---	---
Flat Bottom	900µL / 700µL	---	---	CL0330	---	B43AT0*	---
Glass insert - Base bonded	300µL / 200µL	KV6450	KV6500	---	---	BW9282	CL0321
Glass insert - Top bonded (with Label)	300µL / 200µL	HQ2990	F01360	---	---	---	---
Plastic insert (same material as vial)	300µL / 200µL	---	---	659780	EV3010	112720	---

* Polyethylene

AUTOSAMPLER VIALS 12 X 32MM MICROVOLUME

9mm Screw Microvolume Vials



BT5030

TPX vials
with glass insert

PN / 10x100µ	Total volume / Usable volume	Glass vials		Polypropylene vials		TPX vials	
		Clear	Amber	Clear	Amber	Clear	Amber
"Champagne" type - Glass insert	1.5mL / 1.1mL	T33885	T33891	---	---	---	---
Flat Bottom	900µL / 700µL	---	---	CG6362	---	B43AV0*	---
Glass insert - Base bonded	300µL / 200µL	KV6435	A2UR70	---	---	BT5030	CL0311
Glass insert - Top bonded (with Label)	300µL / 200µL	862682	G05930	---	---	---	---
Plastic insert (same material as vial)	300µL / 200µL	---	---	R06290	BE6070	112710	---

* Polyethylene



BV4350

Polypropylene microvials

8mm Screw Microvolume Vials

PN / 10x100µ	Total volume / Usable volume	Glass vials		Polypropylene vials	
		Clear	Amber	Clear	Amber
Flat bottom	850µL / 675µL	---	---	BV4350	---
Plastic insert (same material as vial)	300µL / 200µL	---	---	313140	---
Glass insert - Base bonded	200µL / 100µL	B431T0	B8AWU0	282930	JV7470

ACCESSORIES

11 mm Manual Crimpers & Manual Decappers



Type - PN / 1u	Crimper	Decapper
Ergonomic	H09160	H09180
Standard	177004	1G0560
Stainless Steel	1J0150	1J0200



177004



H09180

Vials Racks



	Dimensions	Positions	PN / 1u
Acrylic - Transparent	173 x 95 x 20mm	50	BP1530
Polypropylene - Blue	200 x 105 x 17mm	50	1G0480
Polypropylene - White	192 x 98 x 23mm	50	362530

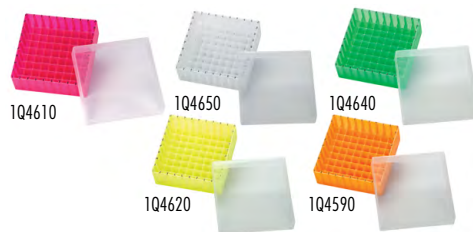


1G0480

Polypropylene Storage Boxes for 12 x 32mm Vials



	130 x 130 x 45mm amovible cover (PN / 1u) -80° up to 100°C		155 x 140 x 55mm attached cover (PN / 5u) -90° up to 120°C 100 positions
	100 positions	81 positions	
Blue	B710U0	1Q4580	526190 (Blue, yellow, green, red, transparent)
Orange	B710V0	1Q4590	
Yellow	B710X0	1Q4620	
Green	B710Y0	1Q4640	
Transparent	B710Z0	1Q4650	
Pink	B710W0	1Q4610	



1Q4610

1Q4650

1Q4640

1Q4620

1Q4590



INSERTS



Inserts 6mm for Wide Opening (11mm crimp and snap vials, 9mm screw vials)



Inserts type (PN / 10x100u)	Total volume / Usuable volume	Glass	Glass silanised	Polypropylene	Polypropylene black
Flat bottom	500µL / 350µL	306513	APB791	844971	---
Conical bottom	350µL / 250µL	1A4750	FL6400	844981	AYQVAO
Conical bottom with "spring" feet	300µL / 250µL	1A4760	FK9980	APA201	AYQVBO

Inserts 5mm for Standard Opening (8mm screw vials)



Inserts type (PN / 10x100u)	Total volume / Usuable volume	Glass	Glass silanised	Polypropylene
Flat bottom	500µL / 300µL	CL0340	---	DY0850
Conical bottom	250µL / 200µL	1A9970	---	U75880
Conical bottom with "spring" feet	300µL / 250µL	1A9960	APC050 / 100u	AZ4120

OTHER RANGES AVAILABLE

13

Head Space Vials & Caps



Shell Vials (1mL to 4mL)



Test, Culture Tubes & Caps



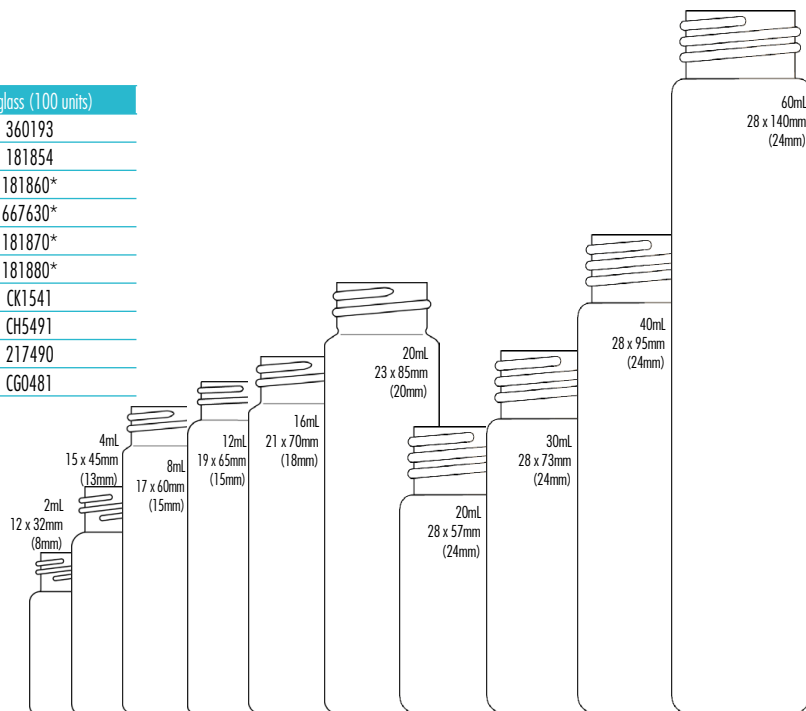
SCREW SAMPLE VIALS

Screw Sample Vials



Volume	Ø Ext. height	Ø Neck	Clear glass (100 units)
2mL	12 x 32mm	8mm	360193
4mL	15 x 45mm	13mm	181854
8mL	17 x 60mm	15mm	181860*
12mL	19 x 65mm	15mm	667630*
16mL	21 x 70mm	18mm	181870*
20mL	23 x 85mm	20mm	181880*
20mL	28 x 57mm	24mm	CK1541
30mL	28 x 73mm	24mm	CH5491
40mL	28 x 95mm	24mm	217490
60mL	28 x 140mm	24mm	CG0481

*Packaged per 200 units



SCREW SAMPLE VIALS

15



Screw Caps



	Screw caps	8- 425	13- 425	15- 425	18- 400	20- 400	24- 400
	Pre-assembled seals	8mm	13mm	15mm	18mm	20mm	24mm
Closed screw caps - white - 100u	PTFE	97958A	773820	582240	582340	177560	545940
Closed screw caps - black - 1000u	Rubber natural / PTFE transparent	FH9990	CG0510	BX9360	---	---	---
	BUTYL red / PTFE gray	CG1610	GV4560	1G0520	1G0540	1I9520*	FR3990
	Silicone white / PTFE red 1.3mm	FI0000	1Q1630	1G0510	---	1I9530	---
Open screw caps - white - 1000u	Silicone white / light brown PTFE 3.2mm	---	---	---	---	---	CK7510

*Screw caps white

Screw Caps - Open & Seals



Thread Ømm	8- 425 8mm	13- 425 13mm	15- 425 15mm	18- 400 18mm	20- 400 20mm	24- 400 24mm
Black open screw caps - 100u	282940	181890	181900	181910	181920	360210*
Seals Silicone cream / PTFE white - 100u						360220 (2.6mm)
	850550 (1.5mm)	438311 (1.5mm)	180230 (2.6mm)	185010 (2.6mm)	176880 (2.6mm)	AOY780 (3.175mm)





Advion Interchim

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How to request more information, a quotation or to place an order

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