Vials

Autosampler Vials, Closures and Inserts for HPLC and GC for AGILENT

Features:

- Wide opening vial is easier to fill
- Fit most autosamplers that accommodate the 12x32 mm vial format
- Superior quality 33 expansion borosilicate clear glass (Type 1, Class A) or 51A amber glass
- Uniformly flat bottom for security with inserts
- I-D™ vials feature write-on patch with graduations at 0.5, 1.0 and 1.5 mL.
- Target Colorband™ crimp top vials feature color-coded graduated write-on patch
- Vials with an 11 mm crimp finish require aluminium seal closures
- Crimp/snap vials can be used with either 11 mm aluminium seals or Snap-It™ snap caps

Wide Opening Crimp Top Vials & Crimp Caps (12 x 32 mm):

Cat.No	P/N Manufacturer	Description	Pk
CC-C4011-1	5181-3375	Vial 2 ml Clear, Wide Opening Crimp Top	100
CC-C4011-1AP	5181-1210	11 mm Crimp Seal,with PTFE/Red Rubber, standar septum	100
CC-C4011-1W	5182-0543	Vial 2 ml Clear, Wide Opening Crimp Top write-on patch with graduations 0.5, 1.0 and 1.5 ml.	100
CC-C4011-2A	5181-1211	11 mm Crimp Seal, with red PTFE/White Silicone/Red PTFE, for aggressive solvents	100
CC-C4011-2		Vial 2 ml Amber, Wide Opening Crimp Top	100
CC-C4011-2W	5181-3376	Vial 2 ml Amber,Wide Opening Crimp Top write-on patch with graduations 0.5, 1.0 and 1.5 ml.	100
TR-400012		11 mm Crimp Seal, with PTFE/Red Rubber standard	100
CC-C4011-LV1W		MacroVial 250 µl Fused Insert Vial, Clear Glass I-D, Write-on patch.	100
TR-400012		11 mm Crimp Seal, with PTFE/Red Rubber standard	100
CC-03-FIV		300 µl Glasss insert, fused into a 2 ml Crimp Top Vial, Write-on patch.	500
TR-400012		11 mm Crimp Seal, with PTFE/Red Rubber standard	100

Cat.No	P/N Manufacturer	Description	Pk
CC-C4011-LV2W		MacroVial 250 ul. Fused Insert Vial, Amber Glass I-D, write-on patch	100
TR-400012		11 mm Crimp Seal, with PTFE/Red Rubber standard	100

Cat.No	P/N Manufacturer	Description	Pk
CC-C4011-10		Solid Glass MicroVial 400 µl	12
TR-400012		11 mm Crimp Seal, with PTFE/Red Rubber standard	100

Crimp Seals With Different Septum Materials

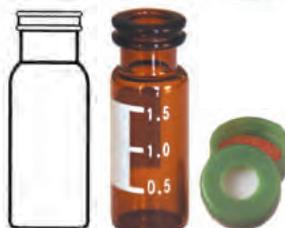| Cat.No	Description	Pk
CC-C4011-3A	11 mmCrimp Seal, with Polypropylene, for Corrosive Solvents	100
CC-C4011-4A	11 mmCrimp Seal, with PTFE/White Silicone, for High Purity Septum	100
CC-C4011-5A	11 mm Crimp Seal, with Black Viton Elastomer, for ECD, High Chemical Resistence	100
CC-C4011-1AP	11 mm Crimp Seal, with PTFE/Red Rubber, Standard Septum	100

Wide Opening Snap It & Snap Caps (12 x 32 mm):

Snap-it Vials can be used with Snap Caps or aluminium seals closures

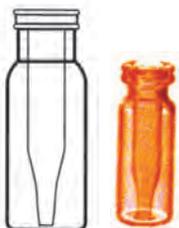| Cat.No	P/N Manufacturer	Description	Pk
CC-C4011-5	5182-0544	Snap-It™ Vial 2 ml Clear, Wide Opening	100
CC-C4011-6		Snap-It™ Vial 2 ml Amber, Wide Opening	100
CC-C4011-5W	5182-0546	Snap-It™ Vial 2 ml Clear, Wide Opening. Write-on patch with graduations 0.5, 1.0 and 1.5 ml.	100
CC-C4011-51B	5182-3458	Blue Snap Cap with PTFE/Red Rubber	100
CC-C4011-6W	5182-0545	Snap-It™ Vial 2 ml Amber, Wide Opening. Write-on patch with graduations 0.5, 1.0 and 1.5 ml.	100
CC-C4011-54G	5182-3457	Green Snap Cap with red PTFE/white Silicone, High purity septum	100

Cat.No	P/N Manufacturer	Description	Pk
CC-C4011-LV1		MacroVial 250 µl. Fused Insert Snap-It Vial, Clear Glass	100
CC-C4011-LV2		MacroVial 250 µl. Fused Insert Snap-It Vial, Amber Glass	100

Closures Snap Caps for Snap-it Vials

CC-C4011-53R		Red Snap Cap with red PTFE/White Silicone/Red PTFE, for aggressive solvents, resists coring.	100
CC-C4011-55B		Blue Snap Cap with blue PTFE/White Silicone Pre-slit, reducing coring, needle damage, allows venting	100
CC-C4011-50		Clear Snap Cap integral molded polypropylene single use economy cap, not resealable	100
CC-C4011-52B		Blue Snap Cap, virgin PTFE, Highly inert, not resealable, single use	100

Wide Opening Screw Thread Vials, Screw Caps and Septa for Agilent

CC-C5000-1	5182-0714	Vial, 2 ml Clear, Wide Opening Screw Top.	100
CC-C5000-51G	5182-0718	Green Screw Cap with Ivory PTFE/Red Rubber.	100
CC-C5000-1W	5182-0715	Vial, 2 ml Clear, Wide Opening Screw Top write-on patch with graduation 0.5, 1.0 and 1.5 ml	100
CC-C5000-55B	5183-2076	Blue, Screw Cap with Blue PTFE/Silicone, Pre-slit	100
CC-C5000-2W	5182-0716	Vial, 2 ml Amber, Wide Opening Screw Top write-on patch with graduation 0.5, 1.0 and 1.5 ml	100
CC-C5000-53G	5182-0724	Green Screw Cap, with Red PTFE/White Silicone/Red PTFE.	100

| Cat.No	P/N Manufacturer	Description	Pk
CC-C4000-9	5183-2030	High Recovery Vial, 1,5 ml, Clear Screw Top.	100
CC-C5000-54 R	5182-0722	Red Screw Cap with Red PTFE/White Silicone	100
CC-C4000-LV1	5183-2076	MacroVial , Fused Insert, 350 µl, Screw Top	100
CC-C5000-55B	5183-2076	Blue Screw Cap, with PTFE/White Silicone, Pre-slit	100
CC-C4000-V1	5184-3550	Micro-V™, Vial, Clear, 1.5 ml, Screw Top with 150 µl reservoir	100
CC-C5000-55B	5183-2076	Blue Screw Cap, with Blue PTFE/White Silicone, Pre-slit	100

Inserts for Vial of 2 mL Crimp Cap and Screw Cap
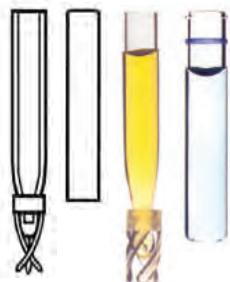
Cat.No	P/N Manufacturer	Description	Pk
CC-C4010-630	5181-1270	300 µl Polyspring Glass Conical Insert, with graduation and polyspring support	100
CC-C4011-631	5181-3377	500 µl Flat Bottom Glass MicroSert.	500
CC-C4010-630P		300 µl Polyspring Conical Insert Polypropilene	100

Kit for Micro Insert Crimp Cap

TR-400013 + CC-4010-630 + TR-400012   Kit for Micro Insert Crimp Cap

Kit for Micro Insert Screw Cap

TR-400008 + CC-4010-630 + TR-400007B   Kit for Micro Insert Screw Cap

Autosampler Vials, Closures and Inserts for HPLC WATERS ALLIANCE

Wide Opening Screw Thread Vials (6 mm neck opening, 9 mm Cap) 2 mL (12x32 mm), Caps and Septa

Cat.No	P/N Manufacturer	Description	Pk
CC-C4000-1	186000273	Vial, 2 ml, Clear, Wide Opening, Screw Top.	100
CC-C5000-54B	WAT058874+ WAT058875	Blue Screw Cap with Red PTFE/White Silicone	100
CC-C4000-1W	186000845	Vial, 2 ml Clear, Wide Opening Screw Top write-on patch with graduation 0.5, 1.0 and 1.5 ml	100
CC-C5000-55B	186000305	Blue Screw Cap, with Blue PTFE/White Silicone, Pre-slit	100
CC-C4000-LV2	186001130	Microvial, Fused Insert Amber 350 µl, Screw Top	100
CC-C4000-LV1	186001128	Macrovial , Fused Insert, 350 µl, Screw Top	100
CC-C5000-55B		Blue Screw Cap with Blue PTFE/White Silicone Pre-slit	100
CC-C5000-54B	WAT058874+ WAT058875	Blue Screw Cap with Red PTFE/White Silicone	100
CC-C4000-V1		Micro-V, Vial, Clear, 1.5 ml, Screw Top.	100
CC-C5000-55B	186000305	Blue Screw Cap, with Blue PTFE/White Silicone, Pre-slit	100
CC-C4010-630	WAT094170	300 µl Conical Glass Insert	100
CC-C4010-630P		300 µl Conical Insert, Polypropylene with graduation with polyspring support	100
CC-C4010-627L	WAT072704	350 µl Conical Glass Insert Pulled Point	100
CC-C4011-631	WAT072704	400 µl Glass Flat Bottom Insert	500

CC-C4010-630, 630P, 627L, 631

Wide Opening Screw Thread Vials, 2 mL (12x32 mm) (10-425) (6 mm neck opening, 10 mm Cap)

Cat.No	P/N Manufacturer	Description	Pk
CC-C4010-1	WAT063300	Vial, 2 ml (10-425) 12 x 32 mm, Clear, Wide Opening, Screw thread	100
CC-C4010-55BLK		Black Screw Cap (10-425) with Bue PTFE/Silicone, Pre-slit	100
CC-C4010-1W	186000845	Vial, 2 ml (10-425) 12 x 32 mm Clear, Wide Opening Screw Top write-on patch with graduation 0.5, 1.0 and 1.5 ml	100
CC-C4010-60BLK	WAT058875 + WAT058874	Black Screw Cap (10-425) with Red PTFE/ White Silicone	100
CC-C4010-2W		Vial, 2 ml (10-425) 12 x 32 mm Amber, Wide Opening Screw Top write-on patch with graduation 0.5, 1.0 and 1.5 ml	100
CC-C4010-55BLK		Black Screw Cap (10-425) with Bue PTFE/ White Silicone, Pre-slit	100

Wide Opening Screw Thread 4 mL Vial (15x45 mm) Screw Thread for Waters 48-Position Carrusel WISP Autosampler Vials

Cat.No	P/N Manufacturer	Description	Pk
CC-C4015-11W	186000840	Vial, 4 ml (15x45 mm) Clear, Screw Top write-on patch with graduation 1.0, 2.0, 3.0 and 4.0 ml	100
CC-C4015-2W	186001135	Vial, 4 ml (15x45 mm) Amber, Screw Top write-on patch	100
CC-C4015-75A	186000841	Black Screw Cap (15x45) with Red PTFE/White Silicone	100
CC-C4015-55BLK	186000842	Black Screw Cap (15x45), Blue PTFE/White Silicone Pre-slit	100

Shell Vials, Sep Caps, 8x40 mm for Waters-96 Position Tray

Cat.No	P/N Manufacturer	Description	Pk
CC-C4015-96	WAT025054	1 ml (8x40 mm) Clear Glass Shell vial with SepCap	200
CC-C4015-99	WAT025053	1ml (8x40 mm) AmberGlass Shell vial with SepCap	200
CC-C4015-95P		1ml (8x40 mm) Polyproplylene Shell vial with SepCap	250

Autosampler Vials, Closures and Inserts for SHIMADZU (8-425)

Standard Opening 12x32 mm Screw Thread Vials, Caps and Septa
- Standard neck vial 8-425 thread finish, 12x32 mm outer profile
- Superior quality 33 expansion borosilicate clear glass (Type 1, Class A) or 51A amber glass
- Uniformity flat bottom for security inserts
- I-D™ vials feature write-on patch with graduations at 0.5, 1.0 and 1.5 mL
- Deactivated vials are Silanized or Kimshield™ pretreated

Cat.No	Max. Fill volume	Description	Pk
CC-C4013-1	1.8 mL	2 mL Vial Clear Glass	100
CC-C4013-1W	1.8 mL	2 mL Vial Clear Glass I-D w/patch	100
CC-C4013-2	1.8 mL	2 mL Vial Amber Glass	100
CC-C4013-2W	1.8 mL	2 mL Vial Amber Glass I-D w/patch	100

CC-C4013-2W   CC-C4013-1W

Limited Volume Polypropylene and Glastic Vials with 8-425 Finish
- Polypropylene vials are an economical alternative to glass for some applications
- Precision-formed tips are designed to aid sample recovery for limited volume applications
- Glass TPX vial features pre-inserted glass insert

CC-C4013-15GST

Cat.No	Max. Fill volume	Description	Pk
CC-C4013-11	250 μL	250 μL Virgin Polypropylene MicroVial™	100
CC-C4013-13	650 μL	750 μL Virgin Polypropylene MicroVial™	1000
CC-C4013-15GST	100 μL	150 μL Clasic Glass Insert TPX MicroVial™	100

CC-C4013-11,-13

Assembled Caps and Septa for 8-425 Convenient standard Opening Vials for Shimadzu
- Pre-assembled caps and septa are convenient and minimize contamination from handling
- Phenolic caps can be autoclaved
- Kim-Lok cap/septum assemblies feature a molded centering ring to eliminate septum movement during injection
- Storage cap has a solid top and pre-inserted PTFE disk liner

*Kim-Lok™ Caps
CC-C4013-61Y*

Cat.No	Cap Type	Description	Pk
CC-C4013-63A	Open Top cap w/flange	Black polypropylene cap, Red PTFE/White silicone	100
CC-C4013-64W	Open Top cap w/flange	White polypropylene cap, Blue PTFE/White silicone-Pre-slit	100
CC-C4013-61Y	Kim-Lok cap w/flange	Yellow polypropylene cap, Kim-Lok Red PTFE/White silicone	100

Wide Opening Screw Thread Vial, 2 mL, 12x32 for Shimadzu (10-425), and Screw Cap

CC-C4010-LV1

Cat.No	Max. Fill volume	Description	Pk
CC-C4010-1	1.8 mL	2 mL Clear Glass Vial (10-425)	100
CC-C4010-1W	1.8 mL	2 mL Clear Glass Vial w/patch (10-425)	100
CC-C4010-LV1	1.8 mL	350 μL Fused Insert	100
CC-4010-35W		Polypropylene Open Top cap, White cap, Red PTFE/White Silicone for Shimadzu	100
CC-4010-35BLK		Polypropylene Open Top cap, Black cap, Red PTFE/White Silicone for Shimadzu	100
CC-C4015-96A	150 μL	Polyspring Borosilidate Glass Inserts, Conical with pulled-point interior.	100
CC-C4015-96	1 mL	Clear Borosilicate glass vials with SepCaps	200

CC-C4010-1, CC-C4010-1W

CC-C4015-96   CC-C4015-96A

Teknokroma Vials

- Suitable for almost all automatic injectors in the market
- 2 ml Crimp Top vial and Screw Cap vials
- Crimp Seals and Screw Caps (9-425)
- An economical alternative developed by Teknokroma™

Teknokroma Econo Vials 12 x 32 mm Crimp and Screw Cap

Cat.No	Description	Pk
TR-400013	Vial, 2 ml Clear, Wide Opening Crimp Top Vial	100
TR-400012	11 mm Crimp Seal, with PTFE/Red Rubber, standard septum	100
TR-400021	11 mm Crimp Seal, with PTFE/Silicona septum	100
TR-400010	Vial 2 ml Clear, Wide Opening Crimp Top write-on patch	100
TR-400012	11 mm Crimp Seal, with PTFE/Red Rubber, standard septum	100
TR-400021	11 mm Crimp Seal, with PTFE/Silicona septum	100
TR-400011	Vial 2 ml Amber, Wide Opening Crimp Top write-on patch	100
TR-400012	11 mm Crimp Seal, with PTFE/Red Rubber, standard septum	100
TR-400021	11 mm Crimp Seal, with PTFE/Silicona septum	100
TR-400014	Vial 2 ml Clear (9-425), Wide Opening Screw Top	100
TR-400007B	Blue screw cap (9-425) with bonded PTFE/Silicone for wide opening vial	100
TR-400020	Blue screw cap (9-425) with bonded Blue PTFE/Silicone for wide opening vial Pre-Slit	100
TR-400025	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone pk	100
TR-400026	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone Pre-Slit	100
TR-400008	Vial 2 ml Clear (9-425), Wide Opening Screw Top write-on patch	100
TR-400007B	Blue screw cap (9-425) with bonded PTFE/Silicone for wide opening vial	100
TR-400020	Blue screw cap (9-425) with bonded Blue PTFE/Silicone for wide opening vial Pre-Slit	100
TR-400025	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone pk	100
TR-400026	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone Pre-Slit	100
TR-400003	Vial 2 ml Amber (9-425), Wide Opening Screw Top write-on patch	100
TR-400007B	Blue screw cap (9-425) with blue PTFE/Silicone for wide opening vial	100
TR-400020	Blue screw cap (9-425) with bonded Blue PTFE/Silicone for wide opening vial Pre-Slit	100
TR-400025	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone pk	100
TR-400026	Blue screw(9-425) Cap with Ring with Blue PTFE/Silicone Pre-Slit	100

TK Teknokroma Econo Vials

Teknokroma Econo Head Space Vials

Cat.No	Description	Pk
TR-400023	Flat Bottom 10 ml 23 x 46 mm	100
TR-400024	Flat Bottom 20 ml 23 x 75 mm	100

Crimpers, Decrimpers, and Decapping Pliers for 8 mm Top Vials

CC-C4008-102

CC-C4008-100

CC-C4008-101

Cat.No	Description	Use	Pk
CC-C4008-100	Manual Crimper	Attaches 8 mm aluminium crimp seals	1
CC-C4008-101	Decapping Pliers	Removes 8 mm aluminium crimp seals	1
CC-C4008-102	Manual Decrimper	Removes 8 mm aluminium seals without vial damage	1

Crimpers, Decrimpers, and Decapping Pliers for 11 mm Top Vials

CC-C4012-102

CC-C4012-100

CC-C4012-101

Cat.No	Description	Use	Pk
CC-C4012-100	Manual Crimper	Attaches 11 mm aluminium crimp seals	1
CC-C4012-101	Decapping Pliers	Removes 11 mm aluminium crimp seals	1
CC-C4012-102	Manual Decrimper	Removes 11 mm aluminium seals without vial damage	1

Crimpers, Decrimpers, and Decapping Pliers for 20 mm Top Vials

CC-C4020-102

CC-C4020-100

CC-C4020-101

Cat.No	Description	Use	Pk
CC-C4020-100	Manual Crimper	Attaches 20 mm aluminium crimp seals	1
CC-C4020-101	Decapping Pliers	Removes 20 mm aluminium crimp seals	1
CC-C4020-102	Manual Decrimper	Removes 20 mm aluminium seals without vial damage	1

Teknokroma 20mm Crimp Top and Screw Sample Vials

Cat.No	Vial Description	Volume/size	Pk
VN-000005	Clear, Crimp Top Vial	8 mL	100
VN-000004	Clear, Crimp Top Vial	12 mL	100
VN-000003	Clear, Crimp Top Vial	25 mL	100
VN-000001	Clear, Crimp Top Vial	60 mL	90
VN-000007	Amber, Crimp Top Vial	12 mL	100

Teknokroma Screw Thread Vials

Cat.No	Vial Description	Volume/size	Pk
VN-000026	Clear, Screw Thread Vial	25 mL	100
VN-000009	Amber, Screw Thread Vial	50 mL	78

Teknokroma Butil Stopper

Cat.No	Vial Description	Volume/size	Pk
TR-000019	Butil Stopper	20 mm	500
TR-000031	Butil Stopper for Liofilized	20 mm	100

Teknokroma Aluminium Screw Caps

Cat.No	Vial Description	Volume/size	Pk
TR-000027	Aluminium Crimp Seal only	13 mm	100

Teknokroma Cap & Screws Vials

CC-4020-10   CC-4020-410   CC-4020-210

Teknokroma Headspace Vials

Cat.No	P/N Manufacturer	Description	Pk
CC-C4020-10	5182-0838	10 ml Vial, Flat Bottom 23 x 46 mm, Beveled Edge	100
CC-C4020-410		10 ml Vial, Flat Bottom 23 x 46 mm, Square Rim	1000
CC-C4020-210	5183-4475	10 ml Vial, Round Bottom 23 x 46 mm, Beveled Edge	100

CC-4020-20   CC-4020-25

Cat.No		Description	Pk
CC-C4020-20		20 ml Vial, Flat Bottom 23 x 75 mm, Beveled Edge	100
CC-C4020-25		20 ml Vial, Flat Bottom 23 x 75 mm, Square Rim	1000
CC-C4020-2		20 ml Vial, Round Bottom 23 x 75 mm, Beveled Edge	100

20 mm Crimp Seals with Prefited Septa for Headspace Vials

CC-C4020-34A

CC-C4020-36AP

CC-C4020-32AP

CC-C4020-37AP

CC-C4020-31

CC-C4020-42-A

Cat.No	Seal Type	Septa	Pk
CC-C4020-34A	Regular	Ivory PTFE/Red Rubber, (-40 to +100ºC)	100
CC-C4020-34AP	Pressure Release	Ivory PTFE/Red Rubber, (-40 to +100ºC)	100
CC-C4020-39A	Regular	Clear PTFE/Gray Butyl (-40 to +120ºC)	100
CC-C4020-43A	Magnetic Steel	Clear PTFE/Gray Butyl (-40 to +120ºC)	100
CC-C4020-43AP	Pressure Release	Clear PTFE/Gray Butyl (-40 to +120ºC)	100
CC-C4020-36A	Regular	Gray PTFE/Black Molded Butyl (-40 to +125ºC)	100
CC-C4020-36AP	Pressure Release	Gray PTFE/Black Molded Butyl (-40 to +125ºC)	100
CC-C4020-32A	Regular	Tan PTFE/White Silicone (-60 to +200ºC)	100
CC-C4020-32AP	Pressure Release	Tan PTFE/White Silicone (-60 to +200ºC)	100
CC-C4020-42A	Magnetic Steel	Clear PTFE/Traslucent Blue Silicone (-60 to +200ºC)	100
CC-C4020-42AP	Pressure Release	Clear PTFE/Traslucent Blue Silicone (-60 to +200ºC)	100
CC-C4020-37AP	Pressure Release	Aluminium Foil/White High Temp. Silicone (-60 to +220ºC)	100
CC-C4020-31	Molded Polypropylene Storage Cap	SepCap Integral Molded Polypropylene	250
CC-C4020-42A	Magnetic Steel	Clear PTFE/Translucent Blue Silicone (-60 to +200ºC)	100

Crimpers, Dicrimpers, and Decapping Pliers for 20 mm Top Vials

CC-C4020-102

CC-C4020-100

CC-C4020-101

Cat.No	Description	Use	Pk
CC-C4020-100	Manual Crimper	Attaches 20 mm aluminium crimp seals	1
CC-C4020-101	Decapping Pliers	Removes 20 mm aluminium crimp seals	1
CC-C4020-102	Manual Decrimper	Removes 20 mm aluminium seals without vial damage	1

CC-C4011-1, 1W

CC-C4011-2W

CC-C4011-LV1

CC-C4011-1240

CC-C4011-LV1W-LV2W

CC-C4011-10

Target® LoVial™ Crimp Top Vials - Wide Opening 2 mL 12x 32

Cat.No	Vial Description	Maximum Fill Volume	Finish	Pk
CC-C4011-1	2 mL LoVial, 2 mL Clear Glass Vial	1.8 mL	Crimp	100
CC-C4011-1W	2 mL LoVial, 2 mL Clear Glass I-D Vial w/patch	1.8 mL	Crimp	100
CC-C4011-2	2 mL LoVial, 2 mL Amber Glass Vial	1.8 mL	Crimp	100
CC-C4011-2W	2 mL LoVial, 2 mL Amber Glass I-D Vial w/patch	1.8 mL	Crimp	100

CC-C4011-V2-V1

Microsampling Vials for use with 11 mm Aluminium Crimp Seals

Cat.No	Vial Description	Maximum Fill Volume	Finish	Pk
CC-C4011-LV1	MacroVial™ Fused Insert Snap-It Vial, Clear Glass	250 µL	Crimp/Snap	100
CC-C4011-LV1W	MacroVial™ Fused Insert Vial, Clear Glass I-D w/patch	250 µL	Crimp	100
CC-C4011-LV2	MacroVial™ Fused Insert Snap-It Vial, Amber Glass	250 µL	Crimp/Snap	100
CC-C4011-LV2W	MacroVial™ Fused Insert Vial, Amber Glass I-D w/patch	250 µL	Crimp	100
CC-C4011-10	Solid Glass MacroVial™	400 µL	Crimp	12
CC-C4011-V1	MicroV™ Clear Glass Microsampling Vial, 15 µL Reservoir	1.1 mL	Crimp	100
CC-C4011-V2	MicroV™ Amber Glass Microsampling Vial, 15 µL Reservoir	1.1 mL	Crimp	100
CC-C4011-9	1.5 mL High Recovery MicroVial	1.5 mL	Crimp	100
CC-C4011-1240	2.5 mL Clear Glass Crimp Top Vial 40 mm vial Height	2.3 mL	Crimp	1000

CC-C4011-1PT

CC-C4011-14

Deactivated Vials, Crimp Top

Cat.No	Vial Description	Maximum Fill Volume	Finish	Pk
CC-C4011-S1	2 mL Clear Glass Vial, NSC Silanized Crimp	1.8 mL	Crimp	100
CC-C4011-S1W	2 mL Clear Glass I-D Vial w/patch, NSC Silanized Crimp	1.8 mL	Crimp	100
CC-C4011-S2W	2 mL Amber Glass I-D Vial w/patch, NSC Silanized Crimp	1.8 mL	Crimp	100
CC-C4011-S9	1.5 mL High Recovery MicroVial, NSC Silanized Crimp	1.5 mL	Crimp	100
CC-C4011-K1W	2 mL Clear Glass I-D Vial w/patch, Kimshield™ Deactivated	1.8 mL	Crimp	100
CC-C4011-K2W	2 mL Amber Glass I-D Vial w/patch, Kimshield™ Deactivated	1.8 mL	Crimp	100

CC-C4011-13

CC-C4011-16

Limited Volume Plastic Crimp Top Vials

Cat.No	Vial Description	Residual Volume	Finish	Pk
CC-C4011-13	250 µL Virgin Polypropylene MicroVial™ , Crimp/Snap	3 µL	Crimp/Snap	100
CC-C4011-16	350 µL Virgin Polypropylene MicroVial™ , Crimp/Snap	5 µL	Crimp/Snap	100
CC-C4011-11	600 µL Virgin Polypropylene MicroVial™ , Crimp/Snap	6 µL	Crimp/Snap	100
CC-C4011-14	800 µL Virgin Polypropylene Flat Bottom Vial, Crimp/Snap	30 µL	Crimp/Snap	100

CC-C4011-11

## Aluminium Crimp Seals with Prefitted Septa for 12x32 mm Vials

Cat.No	Seal Description	Seal Color	Pk
CC-C4011-1AP	Clear PTFE/Red Rubber Standard GC septum	Silver	100
CC-C4011-2A	Red PTFE/White Silicone/Red PTFE for Aggressive Solvents	Silver	100
CC-C4011-3A	Polypropylene for Corrosive Solvents	Silver	100
CC-C4011-4A	Red PTFE/White Silicone, High Purity septum	Silver	100
CC-C4011-5A	Black Viton Elastomer, ECD, High Chemical Resistance	Silver	100

CC-C4011-2A, -3A, -4A, 5A

Target Polyspring™ and Conical Inserts for Wide Opening Target vials
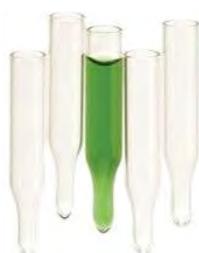
- These inserts all have a nominal O.D. of 6mm to fit Target wide opening vials
- Polyspring® inserts feature a polyethylene spring to center the bottom of the insert and to provide a cushion against needle contact.
- Precision point inserts minimize residual sample losses
- Deactivated inserts are Silinized or Kimshield™ pretreated

Cat.No	Insert Description	Pk
CC-C4010-630	Target Polyspring Borosilicate Glass Inserts. Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity.	100
CC-C4010-S630	Silinized Target Polyspring Borosilicate Glass Inserts Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity. Silanized to close off all active sites.	100
CC-C4010-630P	Target Polyspring Polypropylene Inserts. Conical with precission-formed interior and attached Polyspring. 250 µL capacity. Graduated volume marks.	100
CC-C4010-627L	Target Borosilicate Glass Inserts. Conical with pulled-point interior.300 µL capacity.	
CC-C4010-629L	Target Borosilicate Glass Inserts. Conical with precission-formed mandrel interior. 300 µL capacity.	100
CC-C4010-S629	Silanized Target Borosilicate Glass Inserts. Conical with precission-formed mandrel interior. 300 µL capacity. Silanized to close off alll active sites.	100

CC-C4010-630   CC-C4010-630P

CC-C4010-629L

CC-C4011-631

Target MicroSerts™ - Flat Bottom Inserts

- An economical, limited volume alternative
- Custom fit to Target vials, extremely flat bottom
- Won´t push-up, protects syringe needle
- Easy, open-end identification from our exclusive coloured line at top of insert.

Cat.No	Vial Description	Maximum Fill Volume	Pk
CC-C4011-631	Target Borosilicate Glass MicroSerts. Flat Bottom, 400 µL capacity.		500
CC-C4011-S631	Silanized Target Borosilicate Glass MicroSerts. Flat Bottom, 400 µL capacity. Silanized to close off all active sites.		500

11 mm Crimping & Decapping Tools

- Use with any Target or standard-opening 2 mL, 12 x 32 mm crimp top vials

Cat.No	Description	Pk
CC-C4012-100	Manual Crimper, 11 mm	1
CC-C4012-101	Decapping Pliers, 11 mm	1
CC-C4012-102	Manual Decrimper, 11 mm	1

CC-C4012-102   CC-C4012-100

CC-C4012-101

Vial Racks for all 2 mL, 12 x 32 mm Vials

- Polypropylene vial racks are resistant to most solvents
- Racks feature alphanumeric indexing for easier vial identification
- Racks can be stackec for efficient storage

Cat.No 1 pk	Description	Pk
CC-C4011-25	Polystyrene 2 mL, Storage Rack with Clear Lid, 100 holes, (10x10) with alpla-numeric indexing, with cover	1
CC-C4012-25	Polypropylene 2 mL, Vial Rack, 50 holes (5x10) , with alpla-numeric indexing	1

CC-C4011-25

CC-C4012-25

Target ™ Snap-It Glass Vials, Wide Opening 2 mL, 12x32

CC-C4011-5W

- Wide-opening 2 mL, 12 x 32 mm vial
- Borosilicate glass
- Meet extremely tight tolerances
- I-D™ vial with graduated write-on patch measures 0.5, 1.0 and 1.5 mL

Cat.No	Target Snap-It Vial Description	Pk
CC-C4011-5W	Clear I-D (graduated write-on patch)	100
CC-C4011-6	Amber I-D	100
CC-C4011-6W	Amber I-D (graduated write-on patch)	100

CC-C4011-6W

Microsampling Vials for Use with Snap-It Snap Cap.

- Wide-opening, 12 x 32 mm vials
- Borosilicate glass
- Sample concentrations and injections in one vial, no transferring to limited volume inserts.

Cat.No	Target Snap-It Vial Description	Pk
CC-C4011-4	Snap-It High Recovery Glass Vial, Clear glass, 1.5 mL with 30 µL reservoir	100
CC-C4011-LV1	Macrovial™, Snap-It/Crimp, Clear glass, Fused 350 µL, Insert Vial	100
CC-C4011-LV2	Macrovial™, Snap-It/Crimp, Amber glass, Fused 350 µL, Insert Vial	100
CC-C4011-V5	Micro-V™, Snap-It/Crimp Top, Clear glass microvial, 1.5 mL capacity, 15 µL reservoir	100
CC-C4011-V6	Micro-V™, Snap-It/Crimp Top, Amber glass microvial, 1.5 mL capacity, 15 µL reservoir	100
CC-C4011-11	Virgin Polypropylene, Microvial, Crimp/Snap-It, 450 µL capacity , 6 µL residual	100
CC-C4011-14	Virgin Polypropylene, Microvial, Crimp/Snap-It, 700 µL capacity, Flat bottom, 30 µl residual	100

CC-C4011-LV1

CC-C4011-V5

Target Crim & Snap-It Seals

CC-C4011-4

Seals 11 mm Crimp Seals with Septa for all 2 mL, 12x32 mm Crimp Top Vials

Cat.No	Seal Colors	Septa	Pk
CC-C4011-1AP	Silver	Standard, Clear PTFE/Red Rubber	100

11 mL Snap-It™ Seals with Septa for all 2 mL, 12x32 mm Snap-It Vials

- Eliminates tedious crimping
- Effective Evaporation resistant closure - apply with simple thumb pressure

Cat.No	Seal Colors	Septa	Pk
CC-C4011-50	Clear	Integral Molded Polyethylene, Single Use Economy	100
CC-C4011-51B	Blue	Natural Rubber Septa, PTFE/Red Rubber	100
CC-C4011-52	Clear	Highly Inert Virgin PTFE	100
CC-C4011-53B	Blue	Red PTFE/White Silicone/Red PTFE for Agressive Solvents	100
CC-C4011-54G	Green	High Purity Septum, Red PTFE/White Silicone	100
CC-C4011-55B	Blue	Pre-Slit Blue PTFE/White Silicone	100

Tk Target Screw Thread Vials, Caps & Septa (10-425)

Target Screw Thread Vials (10-425) wide opening 2 mL, 12 x 32 mm

CC-C4010-2   CC-C4010-2W

- Wide neck accommodates wide 10-425 Thread cap
- Borosilicate glass
- Uniformly flat bottom for security with inserts
- I-D™ vial with write-on patch measures 0.5, 1.0 and 1.5 mL
- **Vial used for Shimadzu and Varian.**

Cat.No	Target Screw Thread Vial Description	Pk
CC-C4010-1	Clear Glass 2 mL	100
CC-C4010-1W	Clear I-D (graduated write-on patch) Glass 2 mL	100
CC-C4010-2	Amber Glass 2 mL	100
CC-C4010-2W	Amber I-D (graduated write-on patch) Glass 2 mL	100
CC-C4010-S1	Silanized, Clear I-D Glass 2 mL	100
CC-C4010-S1W	Silanized, Clear I-D (graduated write-on patch) Glass 2 mL	100
CC-C4010-S2W	Silanized, Amber I-D (graduated write-on patch) Glass 2 mL	100

Target Microsampling Screw Thread Vials

CC-C4010-11   CC-C4010-14

- Wide-opening, 12 x 32 mm vials. Accommodates wide 10-425 Thread Cap.
- Sample concentrations and injections in one vial - no transferring to limited volume inserts
- Borosilicate glass or virgin polypropylene
- Glastic ™ vial has clear plastic TPX body with glass flanged insert molded to interior.

Cat.No	Seal Colours	Septa	Pk
CC-C4010-11	Virgin Polypropylene, Microvial 375 µL capacity		100
CC-C4010-14	Virgin Polypropylene, Microvial 550 µL capacity, High Recovery Vial		100
CC-C4010-V1	Micro-V™, Clear glass microvial,1.5 mL capacity, 150 µL reservoir		100
CC-C4010-LV1	Macrovial™, Clear glass, 350 µL fused Insert		100
CC-C4010-LV2	Macrovial™, 350 µL Fused Insert Vial, Amber glass		100

CC-C4010-LV1

Target 10 mm Screw with Septa (10-425)

CC-C4010-V1

- Pre-assembled caps with septa
- 10-425 thread finish

Cat.No	Cap Colours	Septa	Pk
CC-C4010-30A	Light Blue	Ivory PTFE/Red Rubber	100
CC-C4010-35W*	White	Shimadzu Red PTFE/White Silicone	100
CC-C4010-35BLK*	Black	Shimadzu Red PTFE/White Silicone	100
CC-C4010-40A	Light Blue	Red PTFE/White Silicone/Red PTFE	100
CC-C4010-55A	Light Blue	Pre-Slit Blue PTFE/White Silicone	100
CC-C4010-55BLK	Black	Pre-Slit Blue PTFE/White Silicone	100
CC-C4010-60A	Light blue	Red PTFE/White Silicone	100
CC-C4010-60BLK	Black	Red PTFE/White Silicone	100

Screw Caps for Shimadzu

Target Polyspring™ and MicroSert™ Inserts

- Eliminates dead volume - with correct autosampler default setting
- Damage-free syringe needle hits
- Allows complete sample extraction
- Shock-absorbing Polyspring or economical MicroSert
- Self-aligning, stands straight
- Easy, open-end identification from our exclusive coloured line at top of MicroSert

CC-C4010-630   CC-C4010-630P   CC-C4011-631

Cat.No	Insert Description	Pk
CC-C4010-630	Target Polyspring Borosilidate Glass Inserts, Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity.	100
CC-C4010-S630	Silanized Target Polyspring Borosilidate Glass Inserts, Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity. Silanized to close off all active sites.	100
CC-C4010-630P	Target Polyspring Polypropylene Inserts, Conical with precission-formed interior and attached Polyspring. 250 µL capacity. Graduated volume marks.	100
CC-C4011-631	Target Borosilidate Glass MicroSerts. Flat Bottom 400 µL capacity.	100

Pre-Assembled Kits - Target Screw Thread (10-425) - 12x32 mm in Storage Rack

- Assembled kits include 100 vials with pre-attached caps and septa
- Packed in convenient vial trays with clear covers
- Vial trays are stackable for easy storage
- Vial trays hold vials upright for easy filling and maintaining sample order

Cat.No	Target Screw Thread Vials	Cap Colours	Septa Cat.Nbr.	Septa	Pk
CC-C4010-17	CC-C4010-1, Clear Glass	Light Blue	CC-C4010-60A	PTFE/Silicone	100
CC-C4010-17A	CC-C4010-2, Amber Glass	Light Blue	CC-C4010-60A	PTFE/Silicone	100
CC-C4010-17AW	CC-C4010-2W, Amber Glass I-D™	Light Blue	CC-C4010-60A	PTFE/Silicone	100
CC-C4010-17BLK	CC-C4010-1, Clear Glass	Black	CC-C4010-60BLK	PTFE/Silicone	100
CC-C4010-17ABLK	CC-C4010-2, Amber Glass	Black	CC-C4010-60BLK	PTFE/Silicone	100
CC-C4010-17W	CC-C4010-1W, Clear Glass I-D™	White	CC-C4010-60A	PTFE/Silicone	100
CC-C4010-19	CC-C4010-1, Clear Glass	Light Blue	CC-C4010-40A	PTFE/Silicone/PTFE	100
CC-C4010-19AW	CC-C4010-2W, Amber Glass I-D™	Light Blue	CC-C4010-40A	PTFE/Silicone/PTFE	100
CC-C4010-21	CC-C4010-1, Clear Glass	Light Blue	CC-C4010-1A/CC-C4010-10	Solid PTFE	100
CC-C4010-21W	CC-C4010-1W, Clear Glass I-D™	Light Blue	CC-C4010-1A/CC-C4010-10	Solid PTFE	100
CC-C4010-21AW	CC-C4010-2W, Amber Glass	Light Blue	CC-C4010-1A/CC-C4010-10	Solid PTFE	100
CC-C4010-24W	CC-C4010-1W, Clear Glass I-D™	Light Blue	CC-C4010-65A	PTFE/Silicone-Start-Slit	100
CC-C4010-57	CC-C4010-1, Clear Glass	White	CC-C4010-35W	PTFE/Silicone, Shimadzu®	100
CC-C4010-57A	CC-C4010-2, Amber Glass	White	CC-C4010-35W	PTFE/Silicone, Shimadzu®	100
CC-C4010-57W	CC-C4010-1W, Clear Glass I-D™	White	CC-C4010-35W	PTFE/Silicone, Shimadzu®	100
CC-C4010-57AW	CC-C4010-2W, Amber Glass I-D™	White	CC-C4010-35W	PTFE/Silicone, Shimadzu®	100
CC-C4010-67	CC-C4010-1, Clear Glass	Black	CC-C4010-35BLK	PTFE/Silicone, Shimadzu®	100
CC-C4010-67A	CC-C4010-2, Amber Glass	Black	CC-C4010-35BLK	PTFE/Silicone, Shimadzu®	100
CC-C4010-67W	CC-C4010-1W, Clear Glass I-D™	Black	CC-C4010-35BLK	PTFE/Silicone, Shimadzu®	100
CC-C4010-67AW	CC-C4010-2W, Amber Glass I-D™	Black	CC-C4010-35BLK	PTFE/Silicone, Shimadzu®	100

Tk Target DP™ Vials & Caps (9-425)

CC-C4000-1

CC-C4000-LV1 *CC-C4000-2W*

CC-C4000-V2

CC-C4000-9

Target DP™ Glass Vials 12x32 mm Screw Thread Glass Vials (9-425)

- Wide Opening 2 mL, 12 x 32 mm vial
- Borosilicate glass
- Fits rotating or robotic arm autosampler trays
- Easy microsample testing with our Microvolume Inserts

Cat.No	Target DP Vial Description	Pk
CC-C4000-1	Clear Glass 2 mL	100
CC-C4000-1W	Clear Glass I-D (graduated write-on patch) 2 mL	100
CC-C4000-2W	Amber Glass I-D (graduated write-on patch) 2 mL	100
CC-C4000-S1	Silanized, Clear Glass 2 mL	100
CC-C4000-S1W	Silanized, Clear Glass I-D (graduated write-on patch) 2 mL	100
CC-C4000-S2W	Silanized, Amber Glass I-D (graduated write-on patch) 2 mL	100

Target DP™ Microsampling Vials

- Wide Opening 12 x 32 mm vials
- Sample concentrations and injections in one vial - no transferring to limited volume inserts
- Borosilicate glass

Cat.No	Target DP Vial Description	Pk
CC-C4000-S9	Silanized, High Recovery, Clear glass, 1.5 mL with 30 µL reservoir	100
CC-C4000-9A	High Recovery, Amber I-D glass, 1.5 mL with 30 µL reservoir	100
CC-C4000-LV1	Macrovial™, Clear glass, Fused 350 µL Insert vial	100
CC-C4000-LV2	Macrovial™, Amber glass, Fused 350 µL Insert vial	100
CC-C4000-V1	Micro-V™, Clear glass microvial, 1.5 mL capacity, 150 µL reservoir	100
CC-C4000-V2	Micro-V™, Amber glass microvial, 1.5 mL capacity, 150 µL reservoir	100

Target DP™ Polypropylene Caps (no septa)

- An economical choice - purchase caps only and replace septa when needed
- Chose from our five colours for separating assays, lots, and standards

Cat.No	Cap Colour	Pk
CC-C5000-98B	Blue (open top)	100

Target DP™ Septa

Cat.No	Septa Description	Pk
CC-C4000-30	Ivory PTFE/Red Rubber	100
CC-C4000-40	Red PTFE/White Silicone/Red PTFE for use with aggressive solvents	100
CC-C4000-55	Pre-Slit Blue PTFE/White Silicone	100
CC-C4000-57	Pre-Slit Ivory PTFE/Red Rubber	100
CC-C4000-60	Red PTFE/White Silicone for high sensibility chromatography	100

Assembled Target DP Caps with Septa (9-425)

- Convenient screw thread cap with proofile design of crimp seal
- No crimping or decapping tools needed
- Easy-on, easy-off convinience with just half-a-turn
- Precision positioned septa form evaporation-proof seal
- Full compatibility with all Target DP components

Cat.No	Cap Colours	Septa	Pk
CC-C5000-51G	Green	Ivory PTFE/Red Rubber	100
CC-C5000-53B	Blue	Red PTFE/White Silicone/Red PTFE	100
CC-C5000-54R	Red	Red PTFE/White Silicone	100
CC-C5000-55B	Blue	Pre-Slit Blue PTFE/White Silicone	100

Target Polyspring™ Inserts

- Eliminates dead volume - with correct autosampler default setting
- Damage-free syringe needle injections
- Permits maximum sample extraction
- Shock-absorbing Polyspring
- Self-aligning, stands straight

CC-C4010-630   CC-C4010-630P

Cat.No	Insert Description	Pk
CC-C4010-630	Target Polyspring Borosilidate Glass Inserts, Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity.	100
CC-C4010-S630	Silanized Target Polyspring Borosilidate Glass Inserts, Conical with precission-formed mandrel interior and attached Polyspring. 250 µL capacity. Silanized to close off all active sites.	100
CC-C4010-630P	Target Polyspring Polypropylene Inserts, Conical with precission-formed interior and attached Polyspring. 250 µL capacity. Graduated volume marks.	100

Target MicroSerts™ - Flat Bottom Inserts

- An economical, limited volume alternative
- Custom fit to Target vials - extremely flat bottom
- Easy, open-end identification from our exclusive coloured line at top of insert

CC-C4011-631

Cat.No	Septa Description	Pk
CC-C4011-631	Target Borosilicate Glass MicroSerts. Flat Bottom. 400 µL capacity.	100
CC-C4011-S631	Silanized Target Borosilicate Glass MicroSerts. Flat Bottom. 400 µL capacity.	100

Tk 4 mL 15x45 mm Screw Thread Vials, Caps, Septa & Inserts

Screw Thread 4 mL Glass Vials 15x45 mm.

- 4 mL, 45 mm vial, 15-425 Thread
- Borosilicate glass

Cat.No	4 mL Screw Thread Vial Description	Pk
CC-C4015-1	15x45mm Clear glass	100
CC-C4015-11W	15x45mm Clear glass I-D ™ (graduated write-on patch)	100
CC-C4015-2	15x45mm Amber glass	100
CC-C4015-2W	15x45mm Amber glass I-D ™ (graduated write-on patch)	100
CC-C4015-S1	15x45mm Silanized, Clear glass	100
CC-C4015-S2	15x45mm Silanized, Amber glass	100

CC-C4015-11W   CC-C4015-2W

Screw Caps for 4 mL Thread Vials

- CC-C4015-5A SepCap has integral septa made of 0.25 mm polypropylene - no septa to order
- CC-C-4015-30A, CC-C4015-40A, CC-C4015-75A, CC-C4015-45W, are pre-assembled with septa

Cat.No	Cap & Septa Description	Pk
CC-C4015-1A	Black Open Top Screw Cap (no septa)	100
CC-C4015-1W	White Open Top Screw Cap (no septa)	100
CC-C4015-5A	SepCaps with 0.25 mm Polypropylene Septa	100
CC-C4015-30A	Black Screw Cap with Ivory PTFE/Red Rubber	100
CC-C4015-40A	Black Screw Cap with Red PTFE/White Silicone/Red PTFE	100
CC-C4015-75A	Black Screw Cap with Red PTFE/White Silicone, 1.90 mm	100
CC-C4015-45W	White Screw Cap with Red PTFE/White Silicone, 1.15 mm	100
CC-C4015-55BLK	Black Screw Open Top Cap, Polypropylene Septa, Blue PTFE/White Silicone Pre-Slit	100

13 mm Septa for 4 mL Screw Caps

Cat.No	Septa Description	Pk
CC-C4015-10	White Virgin PTFE, 0.25 mm, single use	100
CC-C4015-45	Red PTFE, White Silicone, 1.15 mm for thin gauge needles	100
CC-C4015-30	Ivory PTFE, Red Rubber for general chromatography	100
CC-C4015-40	Red PTFE, White Silicone/Red PTFE for agressive solvents	100

Polyspring ™ Glass Inserts - for 15x45, 4 mL Screw vials
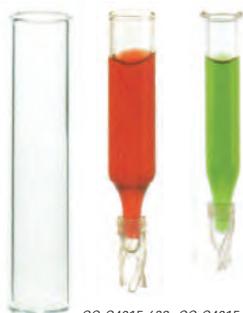
- Eliminates dead volume - with correct autosampler default setting
- Damage-free syringe injections
- Permits maximum sample extractions
- Shock-absorbing Polyspring
- Self-aligning, stands straight

Cat.No	Insert Description	Pk
CC-C4015-638	Polyspring Borosilidate Glass Inserts, Conical with pulled-point interior 700 µL capacity.	100
CC-C4015-641	Polyspring Borosilidate Glass Inserts, Conical with pulled-point mandrel interior. Flange at top of insert. 500 µL capacity.	100
CC-C4015-843	MicroSert™, Glass Flat Bottom Insert 1000 µL capacity.	100
CC-C40105-S641	Silanized Borosilicate Polyspring Glass Inserts, Conical with pulled-point mandrel interior. Flange at top of insert. 500 µL capacity.	100

CC-C4015-638   CC-C4015-641

CC-C4015-843

Assembled 4 mL Screw Thread VialKits

- Assembled kits include 100 vials with pre-attached caps and septa
- Packaged in convenient vial trays with clear covers or in polybags
- Vial trays are stackable for easy storage and feature alphanumeric indexing
- Vial trays hold vials upright for easy filling and maintaining sample order

Cat.No	4 mL Vials	Cap Colour	Septa	Pk
CC-C4015-17	CC-C4015-1, Clear Glass	Black	CC-C4015-75A Red PTFE/White Silicone	100
CC-C4015-17AW	CC-C4015-2W, Amber Glass I-D	Black	CC-C4015-75A Red PTFE/White Silicone	100
CC-C4015-21	CC-C4015-1, Clear Glass	Black	CC-C4015-1A/4015-10 White Virgin PTFE	100
CC-C4015-21AW	CC-C4015-2AW, Amber Glass I-D	Black	CC-C4015-1A/4015-10 White Virgin PTFE	100

Unassembled 4mL Screw Thread Vial Convenience Kits

- Include 100 vials and 100 caps with pre-assembled septa
- All items remain handy and dusty-free
- Caps with pre-inserted septa are not attached to vials - packed in polybags.

Cat.No	4 mL Screw Thread Vials	Cap with Septa	Pk
CC-C4015-88	CC-C-C4015-1 Clear	CC-C4015-75A Black Cap with Red PTFE/White Silicone	100
CC-C4015-88AW	CC-C4015-2W Amber I-D	CC-C4015-75A Black Cap with Red PTFE/White Silicone	100

1 mL 8x40 mm SepCap Vials for Waters WISP™ autosamplers

- 1 mL, 8 x 40 mm
- For Waters 96 Position Tray
- SepCaps´strarburst center design at 0.25 mm eases syringe needle penetration
- Ridge on SepCap underside centers limited volume insert
- SepCap design allows for easy push-in, pull-out from vial

Cat.No	1 mL Vial Description	Pk
CC-C4015-96	1 mL, Clear Borosilicate glass vials with SepCaps	200
*CC-C4015-99	1 mL, Amber Borosilicate glass vials with SepCaps	200
CC-C4015-95P	1 mL, Virgin Polypropylene SepCap vials with SepCaps	250

Used by Shimadzu AOC-14/1400, LC-10A, SIL6B, SIL-94

CC-C4015-96   CC-C4015-99

Polyspring ™ Glass Inserts for 8x40 mm - 1 mL SepCap Vials

- Eliminates dead volume - with correct autosampler default setting
- Damage-free syringe needle injections
- Permits maximum sample extraction
- Shock-absorbing Polyspring
- Self-aligning, stands straight

Cat.No	Insert Description	Pk
*CC-C4015-96A	Polyspring Borosilidate Glass Inserts, Conical with pulled-point interior. 150 µL capacity.	100
CC-C4015-S96A	Silanized Polyspring Borosilidate Glass Inserts, Conical with pulled-point interior. 150 µL capacity. Silanized to close off all active sites.	100
CC-C4015-96PA	Polyspring Polypropylene Inserts, Conical with precision-formed interior and attached Polyspring. 200 µL capacity. Guaranteed volume marks	100

Used by Shimadzu AOC-14/1400, LC-10A, SIL6B, SIL-94

CC-C4015-96A   CC-C4015-96PA

Sample Storage Vials

- Borosilicate glass
- Eliminates leaching of ions
- Provides consistent pH for duration of sample storage lite

Cat.No	Glass	Capacity mL	Capacity Drams	Use Cap Size	Vial Size mm	Pk
CC-B7999-1	Clear	2.0	0.5	8-425	12 x 32	100
CC-B7999-2	Clear	4.0	1	13-425	15 x 45	100
CC-B7999-3	Clear	8.0	2	15-425	17 x 60	200
CC-B7999-12	Clear	12.0	3	15-425	19 x 65	200
CC-B7999-4	Clear	16.0	4	18-400	21 x 70	200
CC-B7999-5	Clear	22.0	6	20-400	23 x 85	200
CC-B7999-6	Clear	40.0	10	24-400	28 x 95	100
CC-B7999-1A	Amber	2.0	0.5	8-425	12 x 32	100
CC-B7999-2A	Amber	4.0	1	13-425	15 x 45	100
CC-B7999-3A	Amber	8.0	2	15-425	17 x 60	200
CC-B7999-12A	Amber	12.0	3	15-425	19 x 65	200
CC-B7999-4A	Amber	16.0	4	18-400	21 x 70	200
CC-B7999-6A	Amber	40.0	10	24-400	28 x 95	100

Screw Caps for Sample Storage Vials

- Polypropylene screw cap won´t contaminate sample with syringe needle insertion - unlike phenolic caps that can flake
- Open top without septa

Cat.No	Cap Size	Description	Pk
CC-B7807-8	8-425	Black Open top Cap, Polypropylene	100
CC-B7807-13	13-425	Black Open top Cap, Polypropylene	100
CC-B7807-15	15-425	Black Open top Cap, Polypropylene	100
CC-B7807-18	18-400	Black Open top Cap, Polypropylene	100
CC-B7807-20	20-400	Black Open top Cap, Polypropylene	100
CC-B7807-24	24-400	Black Open top Cap, Polypropylene	100
CC-C4013-66	8-425	Black Open top Cap, Phenolic	1000
CC-C4015-66	13-425	Black Open top Cap, Phenolic	1000

PTFE/Silicone Septa for Sample Screw Caps

- Extremely clean, natural-coloured PTFE laminated to clear Silicone

Cat.No	PTFE	Silicone	Fits Cap	Pk
CC-B7995-8	0.25 mm	0.125 mm	8-425	100
CC-B7995-13	0.25 mm	0.125 mm	13-425	100
CC-B7995-15	0.25 mm	2.30 mm	15-425	100
CC-B7995-18	0.25 mm	2.30 mm	18-400	100
CC-B7995-20	0.25 mm	2.30 mm	20-400	100
CC-B7995-24	0.25 mm	2.30 mm	24-400	100
CC-B7995-26	0.125 mm	3.05 mm	24-400	100

PTFE-Lined Sample Storage Caps. Solid Top Cap

- PTFE on film/foam backing offers broad chemical resistance
- Not autoclavable · Solid top Cap

Cat.No	Thread Size	Color	Pk
CC-B7815-8	8-425	White	100
CC-B7815-13	13-425	White	100
CC-B7815-15	15-425	White	100
CC-B7815-18	18-400	White	100
CC-B7815-20	20-400	White	100
CC-B7815-24	24-400	White	100

Non-Assembled Convinience Kits - Sample Vials with PTFE-Lined Storage Caps

- Each carton contains shrink-wrapped vials and PTFE-lined caps in plastic bags

Cat.No	Glass	Capacity mL	Capacity Drams	Use Cap Size	Vial Size mm	Pk
CC-B7800-1	Clear	2	0.5	8-425	12 x 32	100
CC-B-7800-2	Clear	4	1	13-425	15 x 45	100
CC-B7800-3	Clear	8	2	15-425	17 x 60	200
CC-B7800-12	Clear	12	3	15-425	19 x 65	200
CC-B7800-4	Clear	16	4	18-400	21 x 70	200
CC-B7800-20	Clear	20	5	18-400	21 x 70	100
CC-B7800-5	Clear	22	6	20-400	23 x 85	200
CC-B7800-6	Clear	40	10	24-400	28 x 95	100
CC-B7800-1A	Amber	2	0.5	8-425	12 x 32	100
CC-B7800-2A	Amber	4	1	13-425	15 x 45	100
CC-B7800-3A	Amber	8	2	15-425	17 x 60	200
CC-B7800-12A	Amber	12	3	15-425	19 x 65	200
CC-B7800-4A	Amber	16	4	18-400	21 x 70	200
CC-B7800-6A	Amber	40	10	24-400	28 x 95	100

Non-Assembled Convenience Kits - Sample Vials with Caps & Septa

- Each carton contains shrink-wrapped vials and separately packed caps
- Great packaging for storerooms or laboratory cabinets

Cat.No	Glass	Capacity mL	Capacity Drams	Use Cap Size	Vial Size mm	Pk
CC-B7990-1	Clear	2	0.5	8-425	12 x 32	100
CC-B-7990-2	Clear	4	1	13-425	15 x 45	100
CC-B7990-3	Clear	8	2	15-425	17 x 60	200
CC-B7990-12	Clear	12	3	15-425	19 x 65	200
CC-B7990-4	Clear	16	4	18-400	21 x 70	200
CC-B7990-5	Clear	22	6	20-400	23 x 85	200
CC-B7990-6	Clear	40	10	24-400	28 x 95	100
CC-B7990-1A	Amber	2	0.5	8-425	12 x 32	100
CC-B7990-2A	Amber	4	1	13-425	15 x 45	100
CC-B7990-3A	Amber	8	2	15-425	17 x 60	200
CC-B7990-12A	Amber	12	3	15-425	19 x 65	200
CC-B7990-4A	Amber	16	4	18-400	21 x 70	200
CC-B7990-6A	Amber	40	10	24-400	28 x 95	100

EPA Vials with Caps and Septa

- Each carton contains shrink-wrapped vials and separately packed caps
- Great packaging for storerooms or laboratory cabinets

Cat.No	Description	Pk
CC-B7950-B	Clear 40 mL vials, PTFE/Silicone Septa and Caps	100
CC-B7951-B	Amber 40 mL vials, PTFE/Silicone Septa and Caps	100
CC-B7920-B	Clear 20 mL vials, PTFE/Silicone Septa and Caps	100
CC-B7921-B	Amber 20 mL vials, PTFE/Silicone Septa and Caps	100

EPA Vial Components

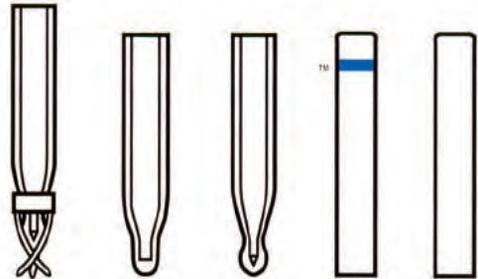| Cat.No	Description	Pk
CC-B7950-VO	Clear, 40 mL, 28 x 95 mm vials	100
CC-B7951-VO	Amber, 40 mL, 28 x 95 mm vials	100
CC-B7920-VO	Clear, 20 mL, 28 x 57 mm vials	100
CC-B7921-VO	Amber, 20 mL, 28 x 57 mm vials	100
CC-B7950-1A	Caps Only, 24-400	100
CC-B7995-24	Septa Only, 0.01 PTFE/0.09" Silicone	100

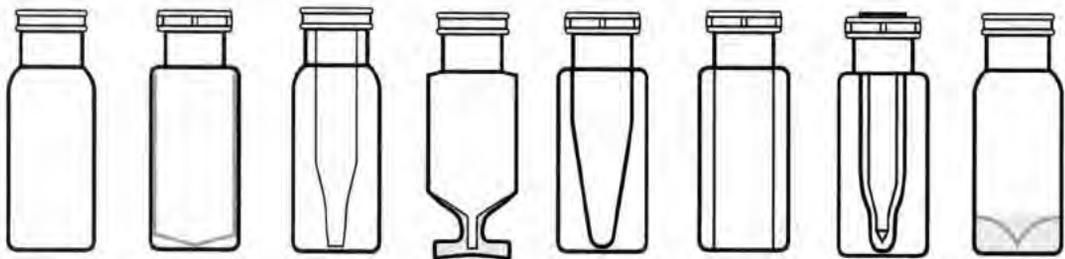# Tk Vial Comparison Chart

Target DP™ Vials - 12 x 32 mm

CC-C4000-1	CC-C4000-9	CC-C4000-LV1	CC-C4000-V1
2 mL	1.5 mL	350 µL	1.5 mL

Target™ Microvolumen Inserts

CC-C4010-630	CC-C4010-627L	CC-C4010-629L	CC-C4011-631	CC-C4010-631P
6 x 31 mm	6 X 31 mm	6 x 31 mm	6 X 31 mm	6 X 31 mm
250 µL	300 µL	300 µL	400 µL	300 µL

Target™ Snap-It-Vials - 12 x 32 mm

CC-C4011-5	CC-C44011-24	CC-C4011-LV1	CC-C4011-V5	CC-C4011-11	CC-C4011-14	CC-C4012-15	CC-C4011-4
2 mL	700 µL	350 µL	1.5 mL	450 µL	700 µL	250 µL	1.5 mL

Target™ Crimp Top Vials - 12 x 32 mm
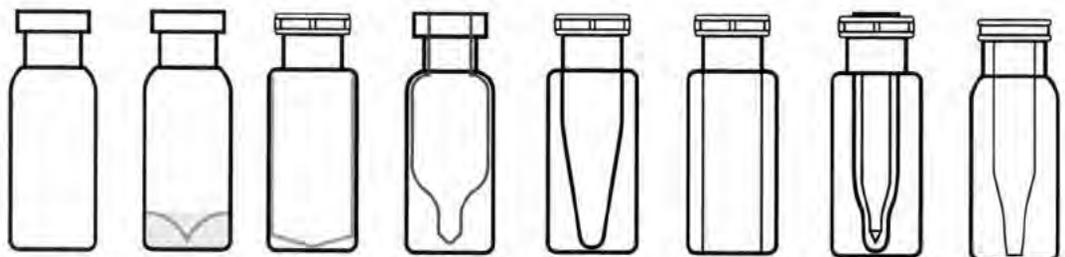
CC-C4011-1	CC-C4011-9	CC-C4011-24	CC-C4011-10	CC-C4011-11	CC-C4011-14	CC-C4012-15	CC-C4011-LV1
2 mL	1 mL	700 µL	400 µL	450 µL	700 µL	250 µL	350 µL

Target™ Screw Thread Vials - 12 x 32 mm
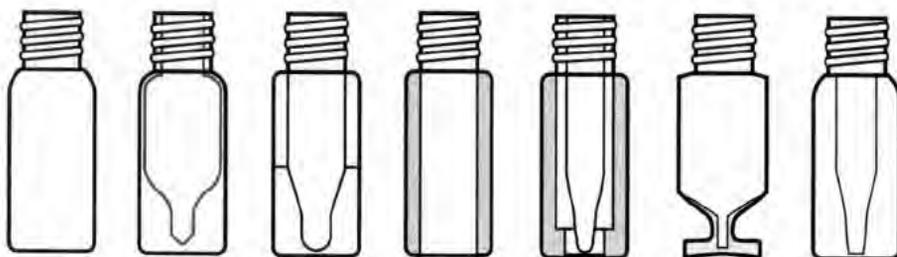
CC-C4010-1	CC-C4010-12	CC-C4010-11	CC-C4010-14	CC-C4010-15	CC-C4010-V1	CC-C4010-LV1
2 mL	450 µL	375 µL	650 µL	250 µL	15 mL	350 µL

Standard Microvolume Inserts

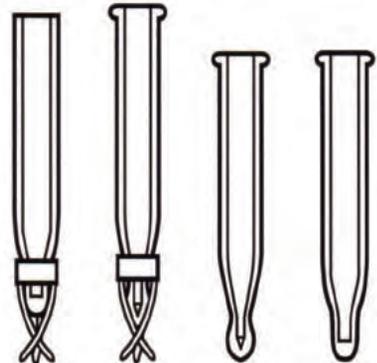## 15x45 4 mL Vial Microvolume Inserts

8x40 mm Vials 1 mL Vial Microvolume Inserts
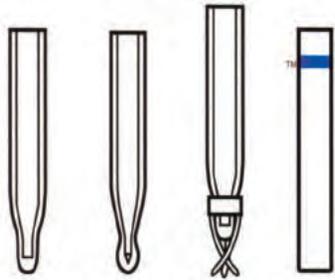
CC-C4012-529L
5 X 31 mm
150 µL

CC-C4012-531L
5 X 31 mm
150 µL

CC-C4012-530
5 X 29 mm
150 µL

CC-C4012-465
5 X 31 mm
200 µL
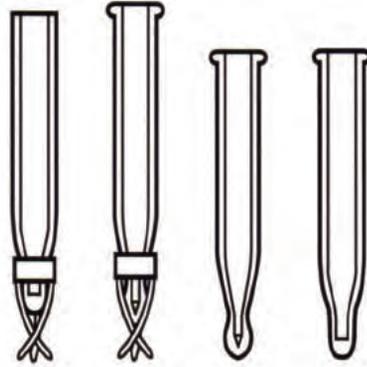
CC-C4015-638
6 x 38 mm
700 µL

CC-C4015-641
6 X 41 mm
500 µL

CC-C4015-642
6 x 42 mm
500 µL

CC-C4015-643
6 X 42 mm
500 µL

CC-C4015-96A
5 X 36 mm
150 µL

CC-C4015-96PA
6 X 29 mm
200 µL

CC-C4015-536
5 X 36 mm
150 µL

CC-C4015-96P
6 X 29 mm
200 µL

Standard 4mL 15 x 45 mm

8 mm Crimp Top Vials

Standard Opening Screw Thread Vials 12 x 32 mm

Standard Opening Crimp Top Vials 12 x 32 mm

CC-C4015-1
4 mL

CC-C4015-48
4 mL

CC-C4015-96
1 mL
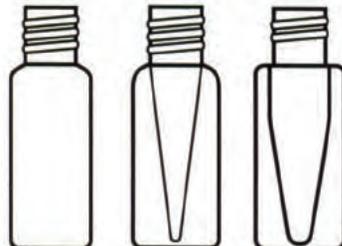
CC-C4013-1
2 mL

CC-C4013-12
150 µL

CC-C4013-11
200 µL
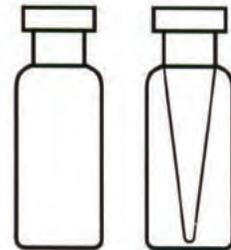
CC-C4012-1
2 mL

CC-C4012-10
150 µL

Headspace Vials - 23 x 75 mm & 23 x 46 mm

CC-C4020-20
20 mL

CC-C4020-10
10 mL

CC-C4020-2
20 mL

CC-C4020-210
10 mL