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# Chromfilter® Sample Vials, Caps and Septa

## Chromfilter® Autosampler vials

Chromfilter® Autosampler vials are manufactured from glass meeting the international standards for hydrolytic extraction, ASTM E-438 Type 1 class A borosilicate glass, compliant with the requirements of U.S. and European Pharmacopeia which improves your laboratory productivity, by reducing costs and saving time.

With a portfolio of over 1500 products to fit different autosampler, our high-quality vials, vial inserts, closures and septa will perform reliably in any application.

These products considerably reduce the risk of analytical test results compromised by ghost peaks, damaged needles or dislodged septa, decreasing analysis failures and sample reruns.



## Vials Feature

- Clear glass vials—made from USP Type I, Class A, 33 Borosilicate Expansion glass, with lowest leaching characteristics and a linear coefficient of expansion of 33.
- Amber glass vials—made from USP Type 1 Class B, 51 Borosilicate Glass. (All amber borosilicate glass is made of Class B unless otherwise specified and has an expansion coefficient of 51.)
- Dimensional—Computerized camera system for quality control throughout the manufacturing process to test critical dimensions, including Height, Diameter, Bottom Thickness and Neck/Thread.
- Compatible with a wide range of HPLC, LCMS and GC Instruments.



## Chromfilter® Caps/ Septa

Vial cap septa are a critical link to optimal analysis. Each septum is specified to complement the overall system and enhance chemical performance.

**Chromfilter®** vial cap septa are specially formulated and constructed to provide optimum system performance with minimal coring and superior chemical inertness.

The softness or hardness (durometer) is matched to the instrument and designed to work well with syringes and samples.

The size of the septum is critical to proper sealing. All **Chromfilter®** septa are specifically sized for proper sealing. Chromfilter® septa have a special detail built into the cap to the specific septa coring and eliminate the need to replace caps with extended usage.

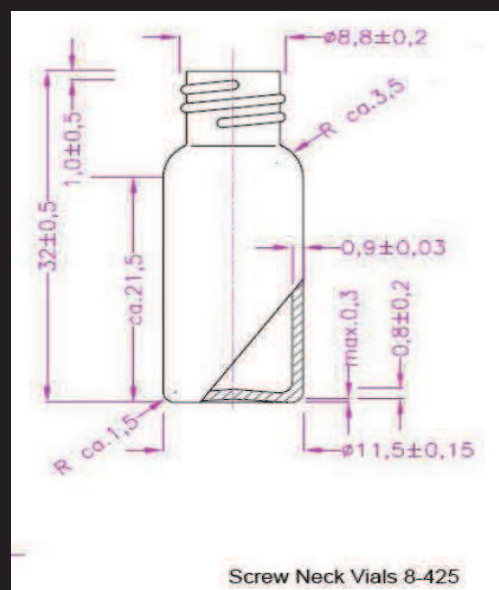
**Chromfilter®** Cap—made of high quality polypropylene to exact manufacturing tolerances and lined in a controlled manufacturing environment, tested by head space GC to ensure proper curing of silicone polymer



## 2ml 8-425 Screw neck autosampler vial

- The original, smaller opening vial with an 8-425 thread size screw cap.
- The dimensions of autosampler vials are various. They are designed to work in a variety of autosamplers requiring narrow neck vials.
- Available with black caps and a variety of septa to meet the needs of your application.

Please check the specific size of the autosampler and **Chromfilter®** 8-425 2ml vials design as picture in right.



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>8-425 screw neck vial</b>		
SV08CN	2ml Clear vial, 8-425 screw top	100
SV08CW	2ml Clear vial, 8-425 screw top, graduated with writing area	100
SV08AN	2ml Amber vial, 8-425 screw top	100
SV08AW	2ml Amber vial, 8-425 screw top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC08WK	White PTFE/red silicone septa + Black screw cap with hole, for 2ml 8-425 screw top vial	100
AC08RK	Red PTFE/white silicone septa + Black screw cap with hole, for 2ml 8-425 screw top vial	100
<b>Caps</b>		
AC08KH	Black screw cap with hole, for 2ml 8-425 screw top vial	100
AC08BH	Blue screw cap with hole, for 2mL 8-425 screw top vial	100
<b>Septa</b>		
AS08WN	White PTFE/red silicone septa, for 2ml 8-425 screw top vial	100
AS08RN	Red PTFE/white silicone septa, for 2ml 8-425 screw top vial	100

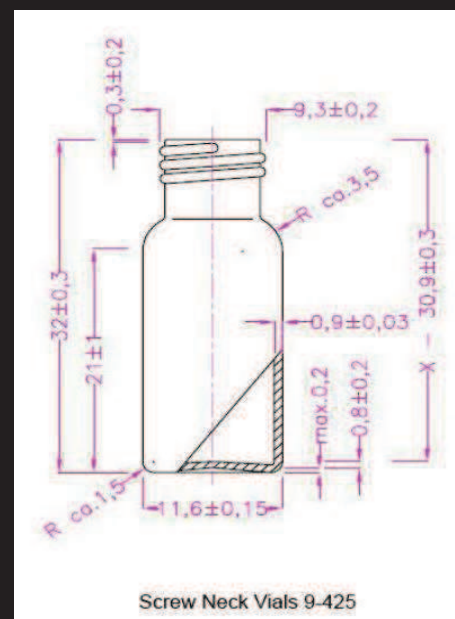


## 2ml 9-425 Screw neck autosampler vial

● 9-425 screw top vials is 40% larger opening than standard narrow opening vials.

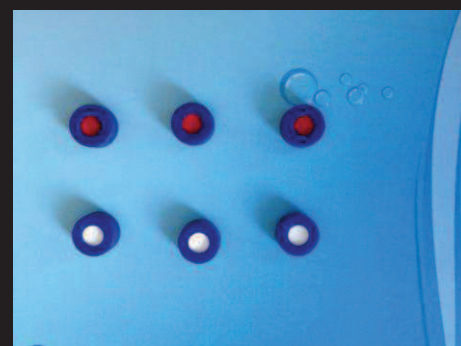
### ● The Universal Autosampler Vial:

- It is dimensionally equivalent to 11mm crimp top vials and 10-425 screw vials. The 9-425 screw vials can be used in any autosampler which used 11mm crimp top vials and 10-425 screw vials.
- Compared to 11mm crimp top type, the 9-425 screw one can be much applied as hand removing convenient.
- The vials can be used on all common autosamplers due to their technical geometry, preferentially they are found on Agilent, HTA, Shimadzu, Thermo, Varian, Waters, etc.



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>9-425 screw neck vial</b>		
SV09CN	2ml Clear vial, 9-425 screw top	100
SV09CW	2ml Clear vial, 9-425 screw top, graduated with writing area	100
SV09AN	2ml Amber vial, 9-425 screw top	100
SV09AW	2ml Amber vial, 9-425 screw top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC09WB	White PTFE/red silicone septa + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
AC09RB	Red PTFE/white silicone septa + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
AC09PB	Blue PTFE/white silicone septa, Pre-slit + Blue screw cap with hole, for 2ml 9-425 screw top vial	100
<b>Caps</b>		
AC09BH	Blue screw cap with hole, for 2ml 9-425 screw top vial	100
<b>Septa</b>		
AS09WN	White PTFE/red silicone septa, for 2ml 9-425 screw top vial	100
AS09RN	Red PTFE/white silicone septa, for 2ml 9-425 screw top vial	100



## 2ml 10-425 Screw neck autosampler vial

- Wide opening enables easy filling with viscous materials.
- Reduce the chances of bent or broken needles during sampling.
- Broad range of Micro-Inserts .
- Packed in a cleanroom class 100,000.
- The vials are preferentially used on instruments of the following manufacturers: Jasco, Perkin Elmer, Shimadzu, Varian, Waters®, etc.

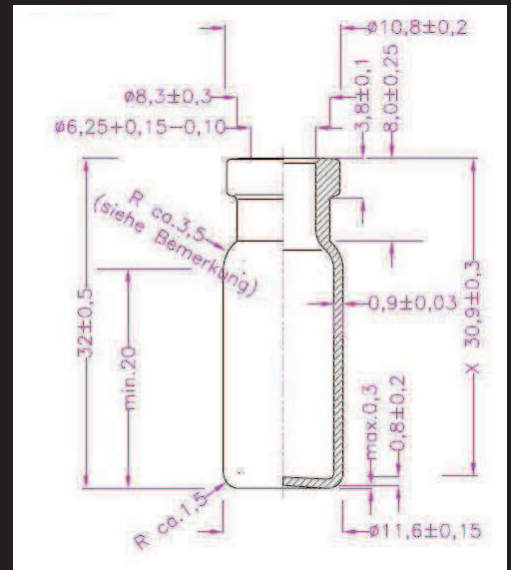
## Order Information

Part No.	Products Name/Size	pcs/pk
<b>10-425 screw neck vial</b>		
SV10CW	2ml Clear vial, 10-425 screw top, graduated with writing area	100
SV10AW	2ml Amber vial, 10-425 screw top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC10WK	White PTFE/red silicone septa + Black screw cap with hole, for 2ml 10-425 screw top vial	100
AC10RK	Red PTFE/white silicone septa + Black screw cap with hole, for 2ml 10-425 screw top vial	100
<b>Caps</b>		
AC10KH	Black screw cap with hole, for 2ml 10-425 screw top vial	100
AC10BH	Blue screw cap with hole, for 2mL 10-425 screw top vial	100
<b>Septa</b>		
AS10WN	White PTFE/red silicone septa, for 2ml 10-425 screw top vial	100
AS10WR	Red PTFE/white silicone septa, for 2ml 10-425 screw top vial	100



## 2ml 11mm Crimp neck Autosampler vial

- Standard vials for GC and HPLC
- 40% larger opening than standard narrow opening vials enables easy filling and improves auto-sampler needle accuracy.
- Provides the tightest seal.
- Precision-formed neck for improved autosampler handling



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>11mm Crimp neck vial</b>		
SV11CN	2ml Clear vial, crimp top	100
SV11CW	2ml Clear vial, crimp top, graduated with writing area	100
SV11AN	2ml Amber vial, crimp top	100
SV11AW	2ml Amber vial, crimp top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC11WA	White PTFE/red silicone septa+ Aluminium cap, for 2ml crimp top vial	100
AC11RA	Red PTFE/white silicone septa+ Aluminium cap, for 2ml crimp top vial	100
<b>Aluminium cap</b>		
AC11AH	Aluminium cap 11 mm for 2ml crimp top vial	100
<b>Septa</b>		
AS11WN	White PTFE/red silicone septa, for 2ml crimp top vial	100
AS11RN	Red PTFE/white silicone septa, for 2ml crimp top vial	100



## 2ml 11mm Snap neck vial

- 40% larger target area which makes it much safer for the autosampler needle.
- Snap vials can be closed with either snap caps or crimp caps.
- Snap cap vials cannot be pressurized but easy as push-on, pull-off by hand.
- An audible click ensures a secure seal has been formed and that the cap is correctly aligned.
- Precision-formed neck improves autosampler handling.



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>11mm Snap neck vial</b>		
SN11CN	2ml Clear vial, snap top	100
SN11CW	2ml Clear vial, snap top, graduated with writing area	100
SN11AN	2ml Amber vial, snap top	100
SN11AW	2ml Amber vial, snap top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC11WT	White PTFE/red silicone septa + PE transparent cap with hole, for 2ml snap top vial	100
AC11RT	Red PTFE/white silicone septa + PE transparent cap with hole, for 2ml snap top vial	100



### 4ml 13-425 Screw neck vial

- 15x45mm vials have a 13-425 GPI thread and can hold up to 4ml of sample.
- Use the 13 x 425 caps with septa for use as sample vials and with diffusion caps for wash vials. With closed top screw seals, these vials can also be used as storage vials.
- The vials are preferentially used on instruments of the following manufacturers: Dionex, Shimadzu(AOC-14/1400, LC-10A and the SIL-2AS), Spark, Varian, VWR (MERCCK®)/ Agilent 6850 autosampler tray (G2880A), Perkin-Elmer Autosystem GC, Waters 48 position tray autosampler, etc.



### Order Information

Part No.	Products Name/Size	pcs/pk
<b>4ml 13-425 Screw neck vial</b>		
SV13CN	4ml Clear vial, 13-425 screw top	100
SV13CW	4ml Clear vial, 13-425 screw top, graduated with writing area	100
SV13AN	4ml Amber vial, 13-425 screw top	100
SV13AW	4ml Amber vial, 13-425 screw top, graduated with writing area	100
<b>Caps+Septa preassembled</b>		
AC13WK	White PTFE/red silicone septa + Black screw cap with hole, for 4ml 13-425 screw top vial	100
AC13RK	Red PTFE/white silicone septa + Black screw cap with hole, for 4ml 13-425 screw top vial	100
<b>Caps</b>		
AC13BH	Blue screw cap with hole, for 4ml 13-425 screw top vial	100
AC13BC	Blue screw cap, closed, for 4ml 13-425 screw top vial	100
<b>Septa</b>		
AS13WN	White PTFE/red silicone septa, for 4ml 13-425 screw top vial	100
AS13RN	Red PTFE/white silicone septa, for 4ml 13-425 screw top vial	100



## Storage Vials 8ml, 12ml, 15ml, 20ml, 40ml

- A complete new range of Screw Neck Vials with different volumes (8ml, 12ml, 15ml, 20ml and 40ml) has been added to the delivery programme, FX vials are ideal for sampling or storage or general laboratory use.
- All vials are made of 1st hydrolytic class glass and are partially available in clear and amber glass.
- Natural clear silicone septa and polypropylene caps are each in re-sealable plastic bags, with extra clean to eliminate sample contamination.



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>Screw Storage Vial</b>		
SSV08C	8ml Clear vial, 16.6 x 61 mm vials, 15-425 screw top	100
SSV12C	12ml Clear vial, 19 x 65 mm vials, 15-425 screw top	100
SSV15C	15ml Clear vial, 20.6 x 71 mm vials, 18-400 screw top	100
SSV22C	22ml Clear vial, 23 x 85 mm vials, 20-400 screw top	100
SSV40C	40ml Clear vial, 28 x 95 mm vials, 24-400 screw top	100
SSV08A	8ml Amber vial, 16.6 x 61 mm vials, 15-425 screw top	100
SSV12A	12ml Amber vial, 19 x 65 mm vials, 15-425 screw top	100
SSV15A	15ml Amber vial, 20.6 x 71 mm vials, 18-400 screw top	100
SSV22A	22ml Amber vial, 23 x 85 mm vials, 20-400 screw top	100
SSV40A	40ml Amber vial, 28 x 95 mm vials, 24-400 screw top	100
<b>Caps+Septa preassembled</b>		
SSC15W	White PTFE/Clear Silicone + Black screw cap without hole, for 15-425 neck vials	100
SSC18W	White PTFE/Clear Silicone + Black screw cap without hole, for 18-400 neck vials	100
SSC20W	White PTFE/Clear Silicone + Black screw cap without hole, for 20-400 neck vials	100
SSC24W	White PTFE/Clear Silicone + Black screw cap without hole, for 24-400 neck vials	100
<b>Septa</b>		
SSS15N	White PTFE/Clear Silicone, 15-425	100
SSS18N	White PTFE/Clear Silicone, 18-400	100
SSS20N	White PTFE/Clear Silicone, 20-400	100
SSS24N	White PTFE/Clear Silicone, 24-400	100



## Headspace Vials, Crimp neck

- Chromfilter high quality headspace vials have a Beveled Edge neck for a secure seal, uniform glass thickness for even heat distribution and consistent sampling reliability.
- 20mm Crimp neck with 6ml, 10ml, 20ml hold up volume. Available in flat or rounded bottom designs for accurate instrument compatibility.
- Pre-assembled 20 mm crimp caps with septa.



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>20mm Crimp neck Headspace vial</b>		
CH38CF	6 ml Clear vial, 22 x 38mm, crimp top, flat bottom	100
CH46CF	10ml Clear vial, 22.5×46mm, crimp top, flat bottom	100
CH75CF	20ml Clear vial, 22.5×75mm, crimp top, flat bottom	100
CH38CR	6 ml Clear vial, 22.5 x 38mm, crimp top, rounded bottom	100
CH46CR	10ml Clear vial, 22.5×46mm, crimp top, rounded bottom	100
CH75CR	20ml Clear vial, 22.5×75mm, crimp top, rounded bottom	100
CH46AR	10ml Amber vial, 22.5×46mm, crimp top, rounded bottom	100
CH75AR	20ml Amber vial, 22.5×75mm, crimp top, rounded bottom	100
<b>Caps+Septa preassembled</b>		
HC20SL	Stopper, Molded Gray Butyl, Locking Design, for 20mm crimp vial	100
HC20WA	White PTFE/white silicone septa + Aluminium cap, for 20mm crimp vial	100
HC20RA	Red PTFE/white silicone septa + Aluminium cap, for 20mm crimp vial	100
HC20MA	Molded PTFE/butyl septa + Aluminium cap, for 20mm crimp vial	100
<b>Septa</b>		
HS20WN	White PTFE/white silicone septa, for 20mm crimp vial	100
HS20RN	Red PTFE/white silicone septa, for 20mm crimp vial	100
HS20MN	Molded PTFE/butyl septa, for 20mm crimp vial	100



## Headspace Vials, Precision Screw neck

- The Screw Neck Vials ND18 with Magnetic Screw Seals for CTC is novelties in the crimp neck dominated Headspace market. However, especially for the hard to crimp magnetic caps, screw closures are a convenient alternative.
- Reproduceable results, as untightnesses due to crimping faults by incorrectly adjusted or non-adjustable crimpers are excluded.
- The vials are preferentially used on instruments : CTC



## Order Information

Part No.	Products Name/Size	pcs/pk
<b>18mm Screw neck Headspace vial</b>		
SH46CF	10ml Clear vial, 22.5×46mm, 18mm screw top, flat bottom	100
SH75CF	20ml Clear vial, 22.5×75mm, 18mm screw top, flat bottom	100
SH46AF	10ml Amber vial, 22.5×46mm, 18mm screw top, flat bottom	100
SH75AF	20ml Amber vial, 22.5×75mm, 18mm screw top, flat bottom	100
<b>Caps+Septa preassembled</b>		
HC18MM	Molded PTFE/butyl septa + Magnetic cap with hole, for 18mm screw top vial	100
HC18WM	White PTFE/white silicone septa + Magnetic cap with hole, for 18mm screw top vial	100
<b>Caps</b>		
HC18MH	Magnetic cap with hole, for 18mm screw top vial	100
<b>Septa</b>		
HS18MN	Molded PTFE/butyl septa, for 18mm screw top vial	100
HS18WN	White PTFE/white silicone septa, for 18mm screw top vial	100

