



One collection. Three performance levels. All from one trusted source.



**Performance level 1**  
Everyday analysis:  
Chromatography approved



**Performance level 2**  
High throughput:  
Robust and reproducible



**Performance level 3**  
High performance:  
Selective and sensitive



## Here is a list of some of our best sellers for your convenience

### Options include:

- The more you buy the more you save: Three different pack sizes for many of the vials and caps
- Our patented Thermo Scientific™ SureStop™ technology vials and Thermo Scientific™ AVCS™ (advanced vial closure system) technology caps seal effectively first time, to ensure you get the best results from your samples
- A variety of vial volume sizes—from low volume to headspace applications
- Clear and amber (for light sensitive analytes) vials
- Magnetic cap options, for both crimp and screw thread vials

## Are you looking for certified kits?

These can be found with our Performance level 3 products—  
and we offer three different certification levels:

- Specification certified is for all products, and certifies that we checked the physical dimensions of the vials and closures and plates and mats to meet the specs.
- LC/GC certified has is an additional chemical certification only for kits for extractables and leachables by GC-FID and LC-UV
- The MSCERT and MSCERT+ ranges have the highest level of certification and are recommended for MS analyses
  - MSCERT is tested using GC-MS and LC-MS for extractables and leachables
  - The MSCERT+ is additionally precleaned and is highly recommended for dioxin and furan analysis



# Performance level 1: Everyday analysis

## Chromatography approved

### Meet your chromatographic needs

Our SureSTART Performance level 1 provides cost optimized products suitable for all chromatographic vendors instruments, and are quality tested to deliver the performance you need for everyday analyses. Achieve your results with our accessible range of vials and caps. If you are verifying compound presence

and quantification using chromatographic detection techniques such as FID, NPD, ECD, TCD, and FPD our Performance level 1 are the perfect solution for you—select the products with the one wave.

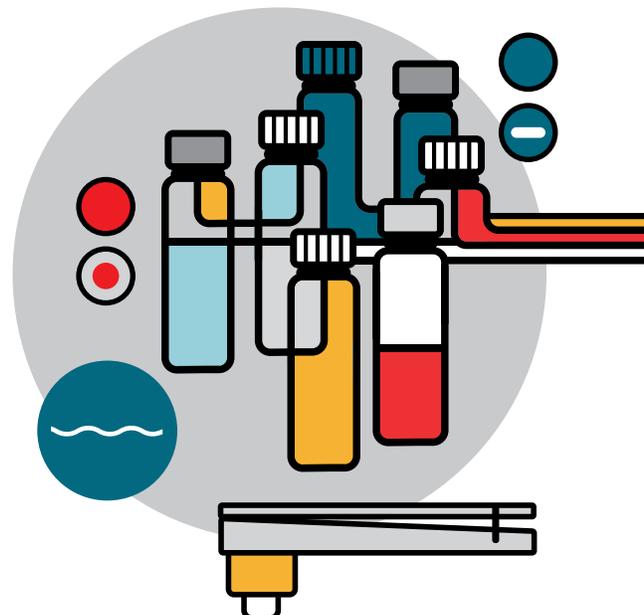


Product type	Product description	100/Pack	10 x 100/Pack	50 x 100/Pack
Screw vials	<b>2 mL clear screw glass vial</b> (9 mm short thread) with write-on patch	CHSV9-10P	CHSV9-10PT	CHSV9-10PF
	<b>2 mL amber screw glass vial</b> (9 mm short thread) with write-on patch	CHSV9-20P	CHSV9-20PT	CHSV9-20PF
	<b>1.5 mL clear screw *PP vial</b> (9 mm short thread)	6ESV9-1PP	6ESV9-1PPT	6ESV9-1PPF
	<b>0.4 mL clear screw PP vial with fixed conical insert</b> (9 mm short thread)	6ESV9-04PP	6ESV9-04PPT	6ESV9-04PPF
Screw caps	<b>Blue screw cap</b> (9 mm) (PP: white silicone/red **PTFE septa: 1.0 mm thickness) with <b>AVCS</b> technology	CHSC9-30	CHSC9-30T	CHSC9-30F
	<b>Blue screw cap</b> (9 mm) (PP: red natural rubber/clear TEF septa: 1.0mm thickness) with <b>AVCS</b> technology	CHSC9-10	CHSC9-10T	CHSC9-10F
Crimp vials	<b>2 mL clear crimp glass vial</b> (11 mm: wide opening) with write-on patch	CHCV11-10P	CHCV11-10PT	CHCV11-10PF
	<b>2 mL amber crimp glass vial</b> (11 mm: wide opening) with write-on patch	CHCV11-20P	CHCV11-20PT	CHCV11-20PF
Crimp caps	<b>Silver crimp cap</b> (11 mm) (Aluminum: natural rubber/clear ***TEF septa, 60 Shore: 1.0 mm thickness)	CHCC11-10	CHCC11-10T	CHCC11-10F
	<b>Silver crimp cap</b> (11 mm) (Aluminum with white silicone/red PTFE septa, 45 Shore: 1.3 mm thickness)	CHCC11-30	CHCC11-30T	CHCC11-30F

\*PP: polypropylene

\*\*PTFE: polytetrafluoroethylene

\*\*\*TEF: Teflon





# Performance level 2: High-throughput analysis

## When robustness and reproducibility are key

### Ensure compliance for your high-throughput samples in regulated environments

Get the performance you need for high throughput analysis to deliver high quality GC data with an uninterrupted workflow. Our Performance level 2 range has very low metal content and extractables and leachables, so that you have the assurance that each product conforms to the same high levels of standards that you are working with to meet to your regulatory requirements.

you need products that support routine analyses, using technologies such as single or triple quadrupole MS systems, our Performance level 2 products are here for you—select the products with the two waves.



Product type	Product description	100/Pack	10 x 100/Pack	50 x 100/Pack
Screw kits	<b>2 mL clear screw glass vial</b> (9 mm short thread) with Thermo Scientific™ SureStop™ technology and write-on patch <b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	6AK592W	—	—
	<b>2 mL amber screw glass vial</b> (9 mm short thread) with SureStop technology and write-on patch <b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	6AK594W	—	—
Crimp vials	<b>2 mL clear crimp glass vial</b> (11 mm thread: wide opening) with write-on patch	6ACV11-1P	6ACV11-1PT	6ACV11-1PF
	<b>2 mL amber crimp glass vial</b> (11 mm thread: wide opening) with write-on patch	6ACV11-2P	6ACV11-2PT	6ACV11-2PF
Crimp caps	<b>Silver crimp cap</b> (11 mm) (Aluminium with white silicone/red PTFE septa, 1.0 mm thickness)	6ACC11ST1	6ACC11ST1T	6ACC11ST1F
	<b>Silver crimp cap</b> (11 mm) (Aluminium with red silicone/clear PTFE septa, 1.0 mm thickness)	6ACC11RT1	6ACC11RT1T	6ACC11RT1F
Screw vials	<b>2 mL clear screw glass vial</b> (9 mm short thread) with write-on patch	6ASV9-1P	6ASV9-1PT	6ASV9-1PF
	<b>2 mL amber screw glass vial</b> (9 mm short thread) with write-on patch	6ASV9-2P	6ASV9-2PT	6ASV9-2PF
Screw caps	<b>Blue screw cap</b> (9 mm) (PP: red silicone/ivory PTFE septa: 1.0 mm thickness) with AVCS technology	6ASC9RT1	6ASC9RT1T	6ASC9RT1F
	<b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	6ASC9ST1	6ASC9ST1T	6ASC9ST1F
Headspace crimp vial	<b>20 mL clear crimp glass vial</b> (20 mm) Headspace (beveled edge round bottom) (22.65 mm x 75 mm)	6ACV20-1R	6ACV20-1RT	6ACV20-1RF
Headspace crimp caps	<b>Silver crimp headspace cap</b> (20 mm) (Aluminium: white silicone/beige PTFE septa: 3.2 mm thickness)	6ACC20-ST1	6ACC20-ST1T	6ACC20-ST1F
	<b>Magnetic gold crimp headspace cap</b> (20 mm) (Steel: blue silicone/clear PTFE soft septa: 3.0 mm thickness)	6AMCC20-ST3	6AMCC20-ST3T	6AMCC20-ST3F



Learn more about how we ensure quality and performance of our products:

- Thermo Scientific SureSTART products— Assured quality and performance



# Performance level 3: High performance

## When sensitivity and selectivity are a must

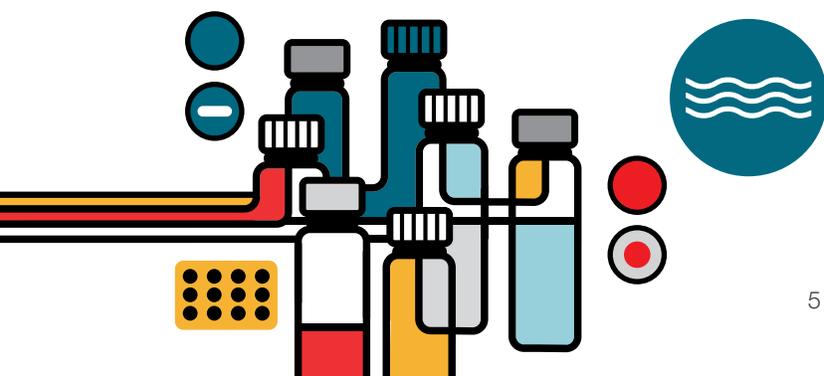
### Protect your most valuable samples and deliver consistent, reproducible results for your most demanding analyses

Our SureSTART Performance level 3 products are packed in clean rooms to protect them against environmental factors, reduce low compound adsorption effects at trace levels, and contain the lowest amounts/levels of metals, extractables and leachables; ensuring that you can get the sensitivity and selectivity from your most challenging analytes confidently and consistently.

If you are looking for the ultimate performance from your methods for your challenging analytes, and are using accurate MS technologies, such as a high-resolution/accurate-mass (HRAM) Thermo Scientific™ Orbitrap™ mass spectrometer, and want to maintain the highest levels of sample security and integrity, our Performance level 3 products will meet your needs—select the products with the three waves.



Product type	Product description	100/Pack	10 × 100/Pack	50 × 100/Pack
Kits	<b>Certified kit: 2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch <b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6PCK578W	—	—
	<b>MSCERT: 2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and patch <b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6PMSCK534W	—	—
	<b>MSCERT: 2 mL amber screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch <b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6PMSCK535W	—	—
Crimp vials	<b>2 mL clear crimp glass vial</b> (11 mm: wide opening) with <b>GOLD-Grade</b> glass and write-on patch	6ACV11-1P	6ACV11-1PT	6ACV11-1PF
	<b>0.3 mL clear crimp glass vial</b> with fixed insert (11 mm) with write-on patch	6PCV11-03FIVP	6PCV11-03FIVPT	6PCV11-03FIVPF
	<b>0.3 mL amber crimp glass vial</b> with fixed insert (11 mm) with write-on patch	6PCV1103FIVAP	6PCV1103FIVAPT	6PCV1103FIVAPF
Crimp caps	<b>Silver crimp cap</b> (11 mm) (Aluminium with blue silicone/clear PTFE soft septa: 1.0 mm thickness)	6PCC11ST101	6PCC11ST101T	6PCC11ST101F



Learn more about our technologies and the benefits they can bring to your samples:

- Why is high glass quality so important when you want to detect low concentrations of analytes?



## Performance level 3: High performance

Continued



Product type	Product description	100/Pack	10 x 100/Pack	50 x 100/Pack
Screw vials	<b>2 mL clear screw vial</b> (9 mm short thread) with <b>SureStop</b> technology and <b>GOLD-Grade</b> glass with write-on patch	6PSV9-1PG	6PSV9-1PGT	6PSV9-1PGF
	<b>2 mL amber screw vial</b> (9 mm short thread) with <b>SureStop</b> technology with write-on patch	6PSV9-2PSS	6PSV9-2PSST	6PSV9-2PSSF
	<b>0.3 mL clear screw vial</b> with fixed insert (9 mm short thread) with write-on patch	6PSV9-03FIVP	6PSV9-03FIVPT	6PSV9-03FIVPF
	<b>0.3 mL amber screw vial</b> with fixed insert (9mm short thread) with write-on patch	6PSV9-03FIVAP	6PSV9-03FIVAPT	6PSV9-03FIVAPF
Inserts	<b>0.2 mL clear conical glass insert</b> with <b>GOLD-grade</b> glass	6PME02CG	6PME02CGT	6PME02CGF
	<b>0.3 mL clear conical glass insert</b> with PE polyspring	6PME03C1SP	6PME03C1SPT	6PME03C1SPF
Screw caps	<b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness) with <b>AVCS</b> technology	6PSC9ST101	6PSC9ST101T	6PSC9ST101F
	<b>Blue screw cap</b> (9 mm) (PP: red PTFE/white silicone/red PTFE septa, 1.0 mm thickness) with <b>AVCS</b> technology	6PSC9TST	6PSC9TSTT	6PSC9TSTF
	<b>Screw cap</b> (9 mm) (blue PP with white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6PSC9ST1	6PSC9ST1T	6PSC9ST1F
	<b>Magnetic screw cap</b> (9 mm) (blue PP with white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6PMSC9ST1	6PMSC9ST1T	6PMSC9ST1F
Headspace crimp vials	<b>10 mL clear crimp glass vial</b> (20 mm headspace, bevelled edge, flat bottom: 22.75 mm x 46 mm)	6PCV10-1F	6PCV10-1FT	6PCV10-1FF
	<b>20 mL clear crimp glass vial</b> (20 mm headspace, bevelled edge, flat bottom: 22.75 mm x 75 mm)	6PCV20-1F	6PCV20-1FT	6PCV20-1FF
Headspace crimp caps	<b>Crimp cap</b> (20 mm silver aluminium with blue silicone/clear PTFE, soft septa: 3 mm thickness)	6PCC20-ST3	6PCC20-ST3T	6PCC20-ST3F
	<b>Magnetic crimp cap</b> (20 mm red aluminium/tinplate: blue silicone/clear PTFE, soft septa: 3 mm thickness)	6PBCC20-ST3	6PBCC20-ST3T	6PBCC20-ST3F
	<b>Magnetic crimp cap</b> (20 mm silver aluminium/tinplate: red silicone/ natural PTFE septa: 3 mm thickness). High temperature	6PBCC20-STH	6PBCC20-STHT	6PBCC20-STHF
	<b>Magnetic crimp cap</b> (20 mm blue aluminium/tinplate: white silicone/blue PTFE 3/1.5 mm thickness thinned penetration area). Suitable for SPME	6PBCC20-STME	6PBCC20-STMET	6PBCC20-STMEF

Learn more at [thermofisher.com/surestart](https://thermofisher.com/surestart)

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