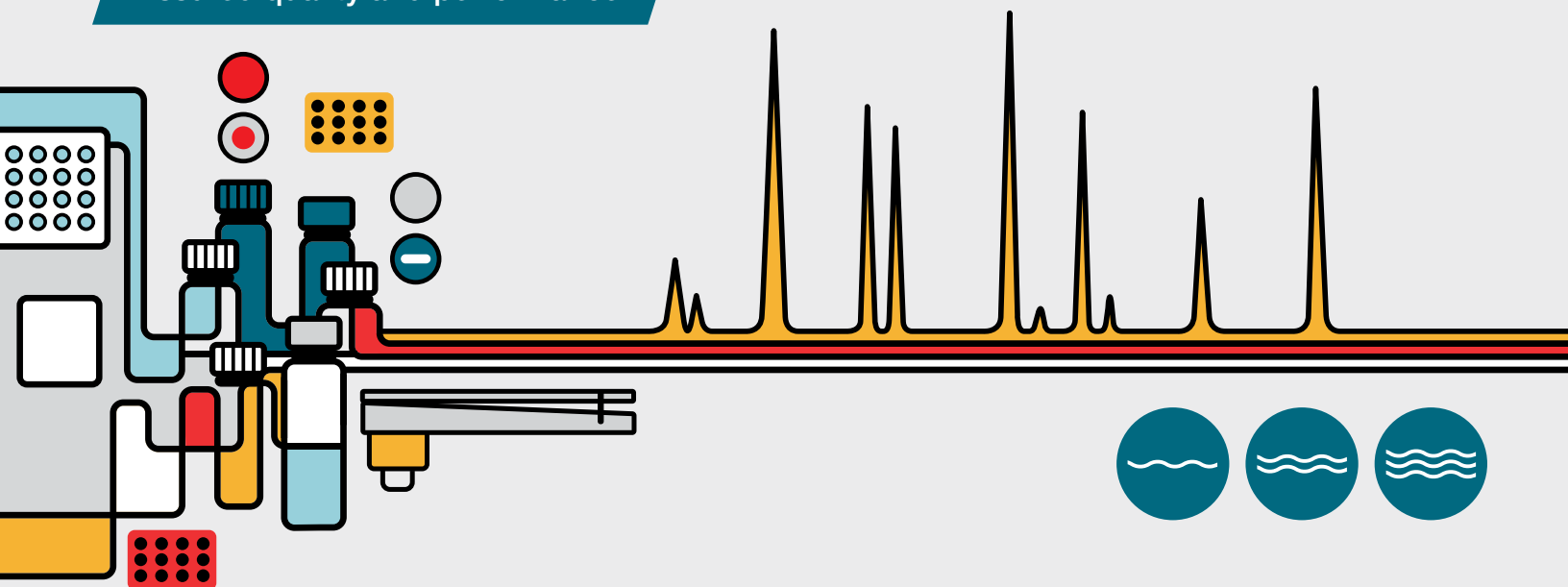


Assured quality and performance



## SureSTART collection

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

The high standards of quality and performance of our Thermo Scientific™ SureSTART™ collection are the most stringent in the marketplace—ensuring that you have the products to support your application and regulatory requirements.

We continually strive to deliver innovative products to customers who need extra performance for their most challenging analyses, and we're proud of the market-leading patented products we have within our SureSTART collection—made for customers just like you. You can be confident that you're getting the most precise and consistent measurement of low-level analytes from product-to-product, lot-to-lot, and over time.

We are committed to provide a broad selection of solutions for all your chromatography and sample storage requirements. Our vials and autosampler well plates consistently come with the lowest levels of extractables and leachables, are made from glass that has the lowest compound adsorption, and the highest level of standards and certification available in the marketplace to provide you with highly reproducible data. Whether you have routine samples, or you need to ensure the highest level of confidence and compliance, our market leading portfolio of storage and autosampler vials and well plates and sample handling accessories has everything you'll need.



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



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



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





# Performance level 1: Everyday analysis

## Chromatography approved

### Meet your chromatographic needs

Choose the right vial for your chromatographic analyses. Our SureSTART Performance level 1 provides cost optimized products suitable for all GC and HPLC/UHPLC instrument types, and are quality tested to deliver the performance, sample security, reproducibility you need for analyses. Achieve your results with our accessible range of vials and caps.

If you are verifying compound presence and quantification using detection techniques such as UV/Vis, PDA, RI, ELSD, FLD, FID, NPD, ECD, TCD, or FPD, our Performance level 1 products 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 ***Thermo Scientific™ AVCS™ technology	CHSC9-30	CHSC9-30T	CHSC9-30F
	<b>Bonded blue screw cap</b> (9 mm) (PP: white silicone/white PTFE septa: 1.0 mm thickness)—pre-slit	CHSC9-35UBS	CHSC9-35UBST	CHSC9-35UBSF
Crimp vial	<b>2 mL clear crimp glass vial</b> (11 mm thread: wide opening) with write-on patch	CHCV11-10P	CHCV11-10PT	CHCV11-10PF
	<b>2 mL amber crimp glass vial</b> (11 mm thread: wide opening) with write-on patch	CHCV11-20P	CHCV11-20PT	CHCV11-20PF
Crimp cap	<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

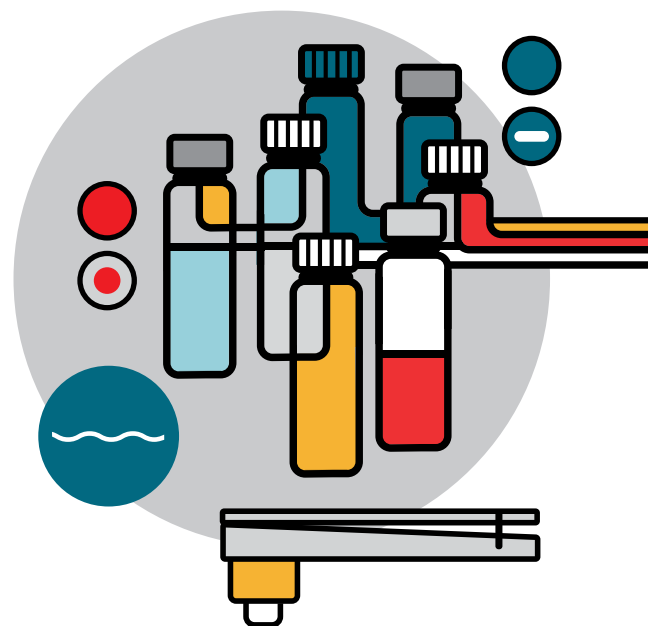
\*\*\*AVCS: advanced vial closure system

\*\*\*\*TEF: Teflon



#### Find out more at:

- Thermo Scientific SureSTART products—Power to extend your consumables budget
- Thermo Scientific SureSTART products—Instrument/autosampler compatibility





# 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 and HPLC/UHPLC 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.

If 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 write-on patch <b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6AK92W	—	—
	<b>2 mL amber screw glass vial</b> (9 mm short thread) with write-on patch <b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology	6AK94W	—	—
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
	<b>2 mL amber screw silanized glass vial</b> (9 mm short thread) with write-on patch	6ASV9-S2P	6ASV9-S2PT	6ASV9-S2PF
	<b>1.7 mL clear screw glass vial</b> (9 mm short thread), (inner V-bottom) with write-on patch	6ASV9-V1	6ASV9-V1T	6ASV9-V1F
Screw caps	<b>Red screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with <b>AVCS</b> technology	6ASC9ST1R	6ASC9ST1RT	6ASC9ST1RF
	<b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with <b>AVCS</b> technology	6ASC9ST1	6ASC9ST1T	6ASC9ST1F
	<b>Blue screw cap</b> (9 mm) (PP: red silicone/ivory PTFE septa: 1.0 mm thickness) with <b>AVCS</b> technology	6ASC9RT1	6ASC9RT1T	6ASC9RT1F
	<b>Bonded blue screw cap</b> (9 mm) (PP: white silicone/beige PTFE septa: 1.0 mm thickness)—pre-slit	6ASC9STBS1	6ASC9STBS1T	6ASC9STBS1F
Snap vials	<b>2 mL clear snap glass vial</b> (11 mm thread: wide opening) with write-on patch	6ARV11-1P	6ARV11-1PT	6ARV11-1PF
	<b>2 mL amber snap glass vial</b> (11 mm thread: wide opening) with write-on patch	6ARV11-2P	6ARV11-2PT	6ARV11-2PF
Snap caps	<b>Red snap cap</b> (11 mm) (****PE: white silicone/red PTFE septa: 1.0 mm thickness)	6ARC11ST1R	6ARC11ST1RT	6ARC11ST1RF
	<b>Blue snap cap</b> (11 mm) (PE: white silicone/red PTFE septa: 1.0 mm thickness)	6ARC11ST1	6ARC11ST1T	6ARC11ST1F

\*\*\*\*PE: polyethylene



#### 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 is a must

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

Our SureSTART Performance level 3 products are typically 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>LC/GC certified kit: 2 mL clear screw glass vial</b> (9 mm short thread) with <b>Thermo Scientific™ SureStop™</b> technology and write-on patch	6PCK578W	—	—
	<b>Blue screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with <b>AVCS</b> technology			
	<b>LC/GC certified kit: 2 mL amber screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch	6PCK576W	—	—
	<b>Blue screw cap</b> (9 mm) (PP: white silicone/blue PTFE septa: 1 mm thickness)—pre-slit, with <b>AVCS</b> technology			
	<b>MSCERT: 2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and patch	6PMSCK534W	—	—
	<b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with <b>AVCS</b> technology			
	<b>MSCERT: 2 mL amber screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch	6PMSCK535W	—	—
	<b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with <b>AVCS</b> technology			
<b>MSCERT+ kit: 2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch	6PMCK40W	—	—	
<b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with <b>AVCS</b> technology				
<b>MSCERT+ kit: 2 mL amber screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch	6PMCK41W	—	—	
<b>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with <b>AVCS</b> technology				

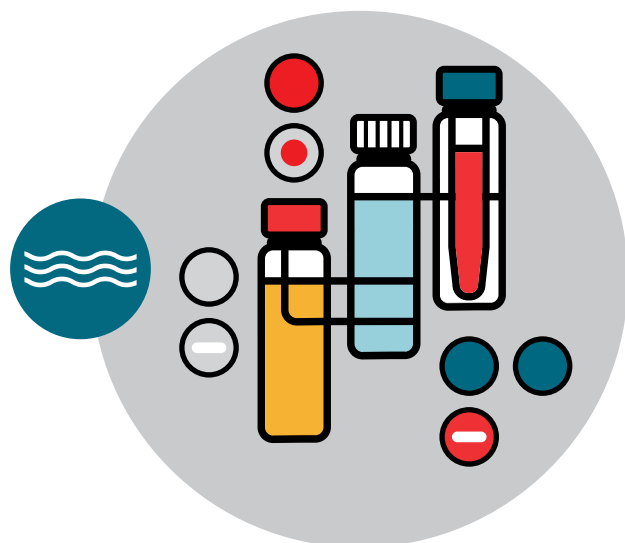




# Performance level 3: High performance

Continued

				
Product type	Product description	100/Pack	10 x 100/Pack	50 x 100/Pack
Screw vials	<b>2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and write-on patch	6PSV9-1PSS	6PSV9-1PSST	6PSV9-1PSSF
	<b>2 mL amber screw glass vial</b> (9 mm short thread), with <b>SureStop</b> technology and write-on patch	6PSV9-2PSS	6PSV9-2PSST	6PSV9-2PSSF
	<b>2 mL clear screw glass vial</b> (9 mm short thread) with <b>SureStop</b> technology and <b>GOLD-grade</b> glass, and write-on patch	6PSV9-1PG	6PSV9-1PGT	6PSV9-1PGF
	<b>1.7 mL clear screw glass vial</b> (9 mm short thread), High Recovery (V-bottom) with write-on patch	6PSV9-V1	6PSV9-V1T	6PSV9-V1F
	<b>0.3 mL clear screw glass vial with fixed insert</b> (9 mm short thread), with write-on patch	6PSV9-03FVP	6PSV9-03FVPT	6PSV9-03FVPF
	<b>0.3 mL amber screw glass vial with fixed insert</b> (9 mm short thread), with write-on patch	6PSV9-03FVAP	6PSV9-03FVAPT	6PSV9-03FVAPF
Screw caps	<b>Red screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with <b>AVCS</b> technology	6PSC9ST1R	6PSC9ST1RT	6PSC9ST1RF
	<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>Blue screw cap</b> (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness)—pre-slit, with <b>AVCS</b> technology	6PSC9ST101X	6PSC9ST101XT	6PSC9ST101XF
	<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: blue silicone/clear PTFE soft septa: 1.0 mm thickness) with <b>AVCS</b> technology	6PSC9STS1	6PSC9STS1T	6PSC9STS1F
	<b>Bonded grey screw cap</b> (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness)—pre-slit	6PSC9STBS1	6PSC9STBS1T	6PSC9STBS1F
Inserts	<b>0.3 mL clear conical glass insert</b> , with PE <b>Thermo Scientific™ Polyspring™</b> insert	6PME03C1SP	6PME03C1SPT	6PME03C1SPF
	<b>0.2 mL clear conical glass insert</b> , with <b>GOLD-grade</b> glass	6PME02CG	6PME02CGT	6PME02CGF
	<b>0.2 mL clear conical glass insert</b> , with PE <b>Polyspring</b> insert (deactivated/silanized glass)	6PME03C1SSP	6PME03C1SSPT	6PME03C1SSPF





## Certified integrity and consistency for our vials and well plates

With over 40 years of experience supplying vial and well plates, Thermo Scientific SureSTART certified products are supplied to meet 'critical to quality' specifications, consistently. SureSTART products are produced in compliance with ISO 9001 requirements.

In addition, SureSTART certified products include:

- Glass vials made from First Hydrolytic Type 1 A borosilicate glass, which conforms to US FDA, USP, and EU Pharmacopeia standards
- Chemically and thermally resistant well plates are made of the highest quality materials.
- Our autosampler WebSeal well-plates all conform to ANSI SLAS 4-2004 standards.
- In-line opto-electronic testing inspects 100% of all key dimensions
- Our well plates are chromatography tested for solvent compatibility and inertness to ensure your data quality is not compromised
- Packaged in material that has been tested and selected for cleanliness
- Subjected to rigorous end-of-line sampling and quality control procedures to ensure all vials remain within specification
- Glass vials that come with a non-removable write-on patch convenience and ease-of-use
- Patented products, such as the AVS designed to minimize sample evaporation
- Products produced and/or packed in a clean environment to reduce contamination
- Glass vials which are available deactivated/silanized



**Learn more about the innovation that can be found within our SureSTART collection:**

- Thermo Scientific SureSTART products—Innovation

## Regulatory conformance

- Many of our vials include a write-on patch as standard
- With the addition of our new Performance level waves on each vial, you can be assured your lab uses the right vials for the right applications—and this benefit can easily be added to your standard operating procedures
- Conforms with demanding regulated environments
- Our certificate of analysis provides specific data confirming vial specification

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

**thermo** scientific