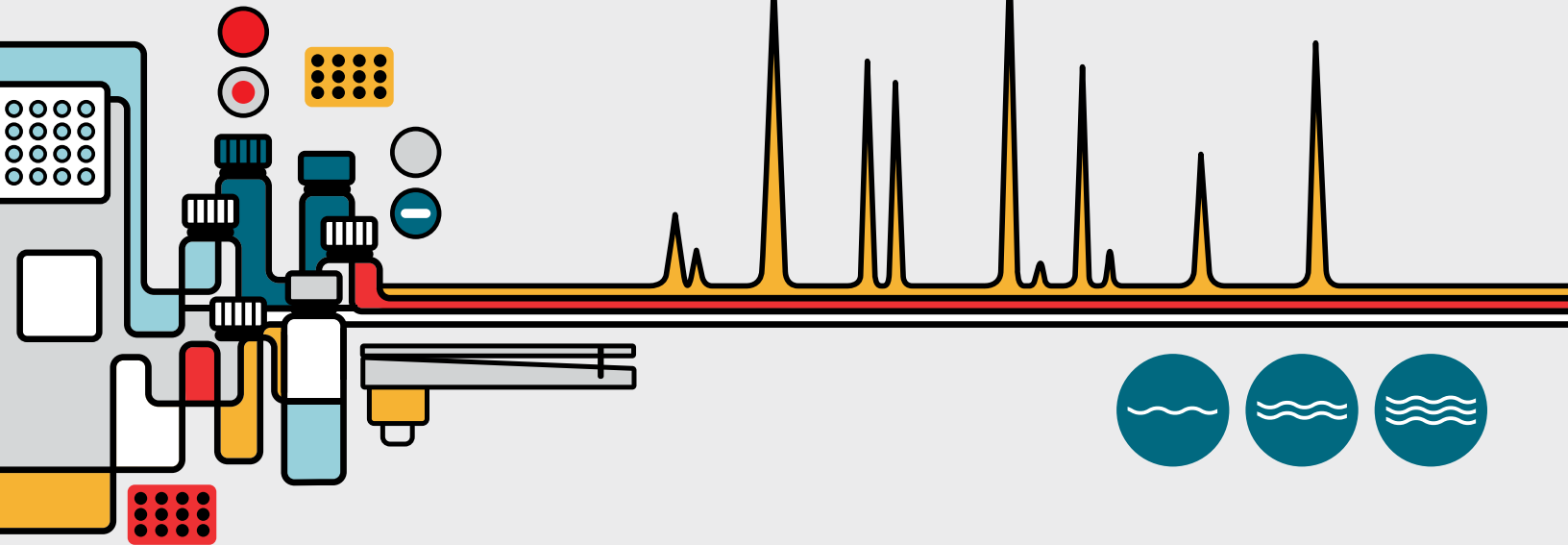


Assured quality and performance



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:



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	2 mL clear screw glass vial (9 mm short thread) with write-on patch	17324143	17344143	17334143
	2 mL amber screw glass vial (9 mm short thread) with write-on patch	17354143	17374143	17364143
	1.5 mL clear screw *PP vial (9 mm short thread)	17303923	17323923	17313923
	0.4 mL clear screw PP vial with fixed conical insert (9 mm short thread)	17373913	17393913	17383913
Screw caps	Blue screw cap (9 mm) (PP: white silicone/red **PTFE septa: 1.0 mm thickness) with ***Thermo Scientific™ AVCS™ technology	17304133	17324133	—
	Bonded blue screw cap (9 mm) (PP: white silicone/white PTFE septa: 1.0 mm thickness)—pre-slit	17354133	17374133	17364133
Crimp vial	2 mL clear crimp glass vial (11 mm thread: wide opening) with write-on patch	17354113	17374113	17364113
	2 mL amber crimp glass vial (11 mm thread: wide opening) with write-on patch	17384113	17304123	17394113
Crimp cap	Silver crimp cap (11 mm) (Aluminum: natural rubber/clear ****TEF septa, 60 Shore: 1.0 mm thickness)	17374093	17394093	17384093
	Silver crimp cap (11 mm) (Aluminum with white silicone/red PTFE septa, 45 Shore: 1.3 mm thickness)	17304103	17324103	17314103

*PP: polypropylene

**PTFE: polytetrafluoroethylene

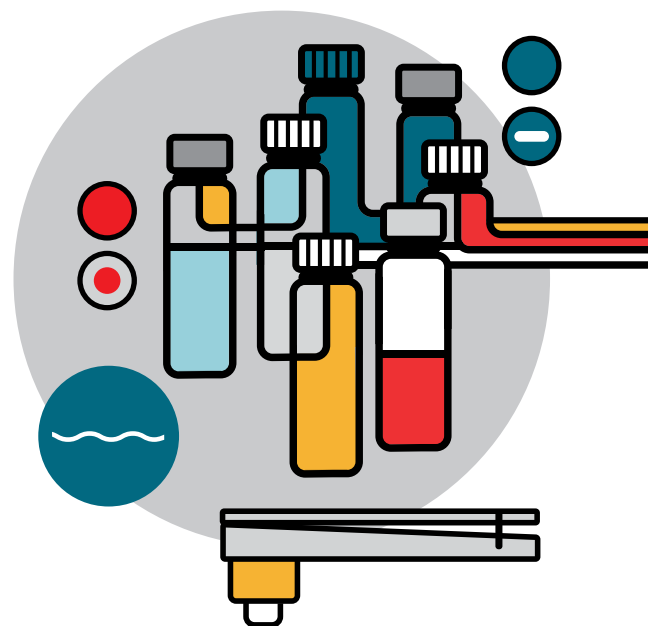
***AVCS: advanced vial closure system

****TEF: Teflon

Not what you are looking for?

View more products in this performance level at

eu.fishersci.com/go/surestart1





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	2 mL clear screw glass vial (9 mm short thread) with write-on patch Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	17303833	—	—
	2 mL amber screw glass vial (9 mm short thread) with write-on patch Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	17323833	—	—
Screw vials	2 mL clear screw glass vial (9 mm short thread) with write-on patch	17343893	17363893	17353893
	2 mL amber screw glass vial (9 mm short thread) with write-on patch	17373893	17393893	17383893
	2 mL amber screw silanized glass vial (9 mm short thread) with write-on patch	17303903	—	—
Screw caps	1.7 mL clear screw glass vial (9 mm short thread), (inner V-bottom) with write-on patch	17313903	17333903	17323903
	Red screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	17303873	17323873	17313873
	Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	17383863	17333873	17393863
	Blue screw cap (9 mm) (PP: red silicone/ivory PTFE septa: 1.0 mm thickness) with AVCS technology	17323863	17373863	17333863
Snap vials	Bonded blue screw cap (9 mm) (PP: white silicone/beige PTFE septa: 1.0 mm thickness)—pre-slit	17373873	17393873	17383873
	2 mL clear snap glass vial (11 mm thread: wide opening) with write-on patch	17353853	17373853	17363853
Snap caps	2 mL amber snap glass vial (11 mm thread: wide opening) with write-on patch	17383853	17303863	17393853
	Red snap cap (11 mm) (****PE: white silicone/red PTFE septa: 1.0 mm thickness)	17313853	17333853	17323853
	Blue snap cap (11 mm) (PE: white silicone/red PTFE septa: 1.0 mm thickness)	17393843	17343853	17303853

****PE: polyethylene

Not what you are looking for?

View more products in this performance level at

eu.fishersci.com/go/surestart2



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	LC/GC certified kit: 2 mL clear screw glass vial (9 mm short thread) with Thermo Scientific™ SureStop™ technology and write-on patch	17303943	—	—
	Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology			
	LC/GC certified kit: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch	17393933	—	—
	Blue screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology			
	MSCERT: 2 mL clear screw glass vial (9 mm short thread) with SureStop technology and patch	17373993	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with AVCS technology			
	MSCERT: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch	17383993	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with AVCS technology			
	MSCERT+ kit: 2 mL clear screw glass vial (9 mm short thread) with SureStop technology and write-on patch	17373973	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology			
	MSCERT+ kit: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch	17383973	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology			



Not what you are looking for?

View more products in this performance level at eu.fishersci.com/go/surestart3



Performance level 3: High performance

Continued



Product type	Product description	100/Pack	10 x 100/Pack	50 x 100/Pack
Screw vials	2 mL clear screw glass vial (9 mm short thread) with SureStop technology and write-on patch	17304083	17324083	17314083
	2 mL amber screw glass vial (9 mm short thread), with SureStop technology and write-on patch	17344083	17364083	17354083
	2 mL clear screw glass vial (9 mm short thread) with SureStop technology and GOLD-grade glass, and write-on patch	17374073	17394073	17384073
	1.7 mL clear screw glass vial (9 mm short thread), High Recovery (V-bottom) with write-on patch	17314093	17334093	17324093
	0.3 mL clear screw glass vial with fixed insert (9 mm short thread), with write-on patch	17324073	17344073	17334073
	0.3 mL amber screw glass vial with fixed insert (9 mm short thread), with write-on patch	17394063	17314073	17304073
Screw caps	Red screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	17374043	17394043	17384043
	Blue screw cap (9 mm) (PP: red PTFE/white silicone/red PTFE septa, 1.0 mm thickness) with AVCS technology	17334063	17384063	17344063
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness)—pre-slit, with AVCS technology	17354043	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness) with AVCS technology	17344043	—	—
	Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness) with AVCS technology	17374053	17324063	17384053
	Bonded grey screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness)—pre-slit	17344053	17364053	17354053
Inserts	0.3 mL clear conical glass insert , with PE Thermo Scientific™ Polyspring™ insert	17303983	17323983	17313983
	0.2 mL clear conical glass insert , with GOLD-grade glass	17393973	—	—
	0.2 mL clear conical glass insert , with PE Polyspring insert (deactivated/silanized glass)	17333983	17353983	17343983

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



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

Find more information on SureStart products at
eu.fishersci.com/go/surestart

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