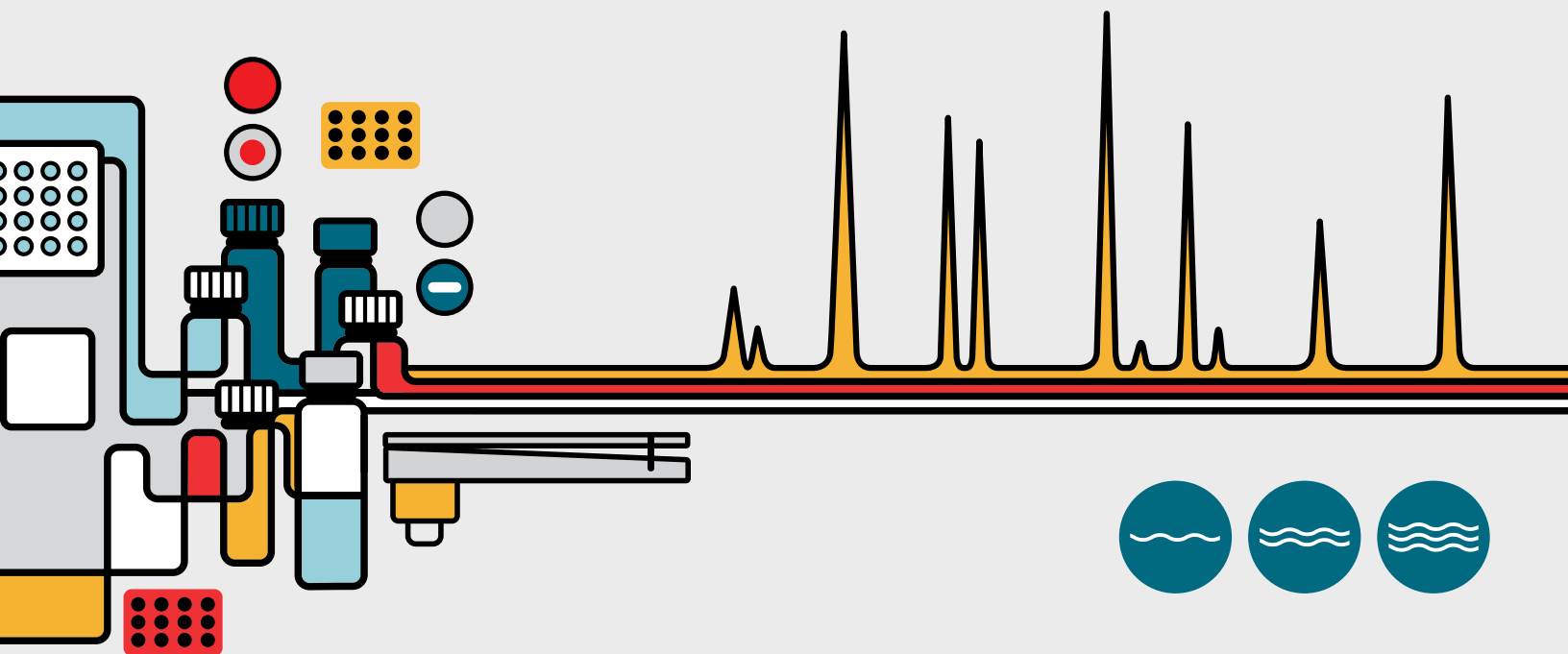


Compatibility



SureSTART collection

Instrument and autosampler compatibility

The Thermo Scientific™ SureSTART™ vial, cap, insert, well plate and mat collection contains a range of vials that are recommended for all-on and integrated autosamplers used with GC and HPLC/UHPLC chromatography systems on the marketplace.

Our products are tested to the highest levels in the industry, so you can be assured your analysis will start the right way and will deliver streamlined performance, with the high-quality results you expect.

Looking to see which autosampler is compatible? View the full list of compatible autosamplers here.





Performance level 1: Everyday analysis

Chromatography approved

Meet your chromatographic needs

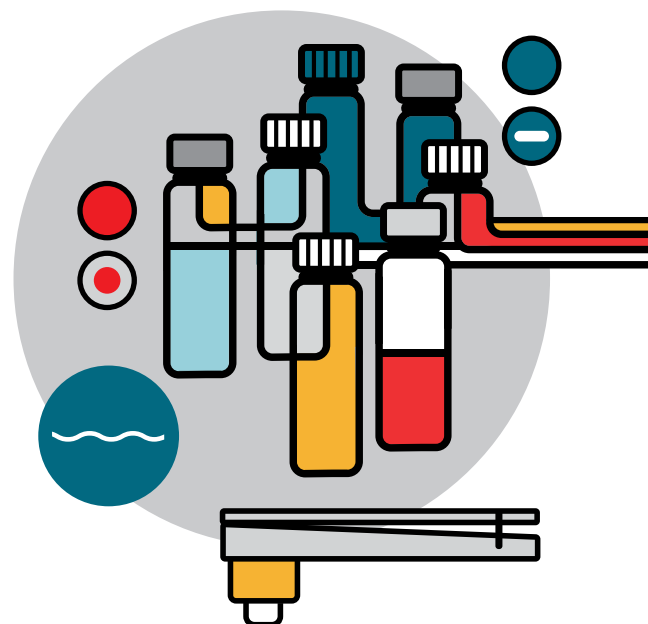
Choose the right vial for your chromatographic analyses. Our SureSTART Performance level 1 provides cost optimized products suitable for all GC and HPLC/UHPLC instrument types, and are quality tested to deliver the performance, sample security, reproducibility you need for everyday analyses.

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 and FLD, 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 × 100/Pack	50 × 100/Pack
Screw vials	2 mL clear screw glass vial (9 mm short thread) with write-on patch	CHSV9-10P	CHSV9-10PT	CHSV9-10PF
	2 mL amber screw glass vial (9 mm short thread) with write-on patch	CHSV9-20P	CHSV9-20PT	CHSV9-20PF
	1.5 mL clear screw PP vial (9 mm short thread)	6ESV9-1PP	6ESV9-1PPT	6ESV9-1PPF
	0.4 mL clear screw PP vial with fixed conical insert (9 mm short thread)	6ESV9-04PP	6ESV9-04PPT	6ESV9-04PPF
Screw caps	Blue screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1.0 mm thickness) with Thermo Scientific™ AVCS™* technology	CHSC9-30	CHSC9-30T	CHSC9-30F
	Bonded blue screw cap (9 mm) (PP: white silicone/white PTFE septa: 1.0 mm thickness)—pre-slit	CHSC9-35UBS	CHSC9-35UBST	CHSC9-35UBSF
Crimp vial	2 mL clear crimp glass vial (11 mm thread: wide opening) with write-on patch	CHCV11-10P	CHCV11-10PT	CHCV11-10PF
	2 mL amber crimp glass vial (11 mm thread: wide opening) with write-on patch	CHCV11-20P	CHCV11-20PT	CHCV11-20PF
Crimp cap	Silver crimp cap (11 mm) (Aluminum: natural rubber/clear TEF septa, 60 Shore: 1.0 mm thickness)	CHCC11-10	CHCC11-10T	CHCC11-10F
	Silver crimp cap (11 mm) (Aluminum with white silicone/red PTFE septa, 45 Shore: 1.3 mm thickness)	CHCC11-30	CHCC11-30T	CHCC11-30F

*AVCS: advanced vial closure system





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	6AK92W	—	—
	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	6AK94W	—	—
	2 mL clear screw glass vial (9 mm short thread) with Thermo Scientific™ SureStop™ technology and write-on patch Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	6AK592W	—	—
	2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	6AK594W	—	—
	2 mL clear screw glass vial (9 mm short thread) with write-on patch	6ASV9-1P	6ASV9-1PT	6ASV9-1PF
	2 mL amber screw glass vial (9 mm short thread) with write-on patch	6ASV9-2P	6ASV9-2PT	6ASV9-2PF
Screw vials	2 mL amber screw silanized glass vial (9 mm short thread) with write-on patch	6ASV9-S2P	6ASV9-S2PT	6ASV9-S2PF
	1.7 mL clear screw glass vial (9 mm short thread), (inner V-bottom) with write-on patch	6ASV9-V1	6ASV9-V1T	6ASV9-V1F
	Red screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	6ASC9ST1R	6ASC9ST1RT	6ASC9ST1RF
Screw caps	Blue screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1.0 mm thickness) with AVCS technology	6ASC9ST1	6ASC9ST1T	6ASC9ST1F
	Blue screw cap (9 mm) (PP: red silicone/ivory PTFE septa: 1.0 mm thickness) with AVCS technology	6ASC9RT1	6ASC9RT1T	6ASC9RT1F
	Bonded blue screw cap (9 mm) (PP: white silicone/beige PTFE septa: 1.0 mm thickness)—pre-slit	6ASC9STBS1	6ASC9STBS1T	6ASC9STBS1F
	2 mL clear snap glass vial (11 mm thread: wide opening) with write-on patch	6ARV11-1P	6ARV11-1PT	6ARV11-1PF
Snap vials	2 mL amber snap glass vial (11 mm thread: wide opening) with write-on patch	6ARV11-2P	6ARV11-2PT	6ARV11-2PF
	Red snap cap (11 mm) (PE: red silicone/clear PTFE septa: 1.0 mm thickness)	6ARC11ST1R	6ARC11ST1RT	6ARC11ST1RF
Snap caps	Blue snap cap (11 mm) (PE: white silicone/red PTFE septa: 1.0 mm thickness)	6ARC11ST1	6ARC11ST1T	6ARC11ST1F



Performance level 3: High performance

When sensitivity is a must

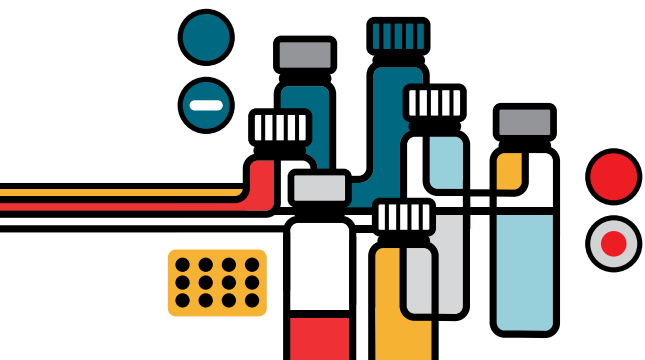
Protect your most valuable samples and deliver consistent, reproducible results for your most demanding analyses

Our SureSTART Performance level 3 products are 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	Certified kit: 2 mL clear screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with AVCS technology	6PCK578W	—	—
	Certified kit: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology	6PCK576W	—	—
	MSCERT: 2 mL clear screw glass vial (9 mm short thread) with SureStop technology and patch Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with AVCS technology	6PMSCK534W	—	—
	MSCERT: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness) with AVCS technology	6PMSCK535W	—	—
	MSCERT+ kit: 2 mL clear screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology	6PMCK40W	—	—
	MSCERT+ kit: 2 mL amber screw glass vial (9 mm short thread) with SureStop technology and write-on patch Blue screw cap (9 mm) (PP: blue silicone/clear PTFE septa: 1 mm thickness)—pre-slit, with AVCS technology	6PMCK41W	—	—
	MSCERT+ kit: 0.2 mL clear screw glass vial (9 mm short thread) with fixed insert and write-on patch	6PMCK36LVW	—	—
	Bonded grey screw cap (9 mm) (PP: clear silicone/clear PTFE septa: 1 mm thickness)—pre-slit			



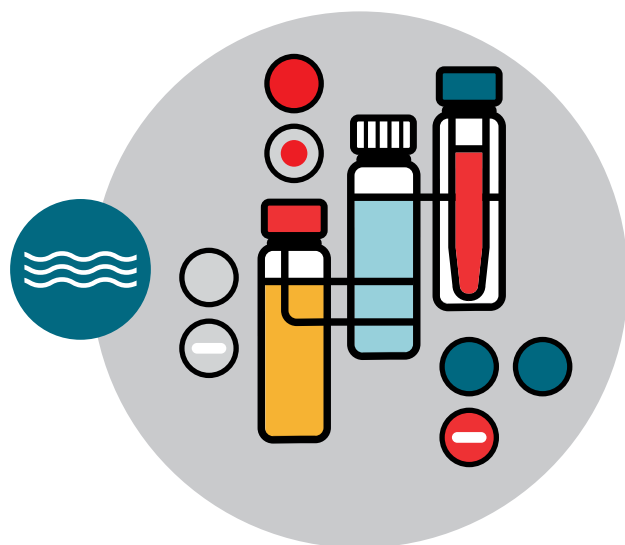


Performance level 3: High performance

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	6PSV9-1PSS	6PSV9-1PSST	6PSV9-1PSSF
	2 mL amber screw glass vial (9 mm short thread), with SureStop technology and write-on patch	6PSV9-2PSS	6PSV9-2PSST	6PSV9-2PSSF
	2 mL clear screw glass vial (9 mm short thread) with SureStop technology and GOLD-grade glass, and write-on patch	6PSV9-1PG	6PSV9-1PGT	6PSV9-1PGF
	1.7 mL clear screw glass vial (9 mm short thread), High Recovery (V-bottom) with write-on patch	6PSV9-V1	6PSV9-V1T	6PSV9-V1F
	0.3 mL clear screw glass vial with fixed insert (9 mm short thread), with write-on patch	6PSV9-03FIVP	6PSV9-03FIVPT	6PSV9-03FIVPF
	0.3 mL amber screw glass vial with fixed insert (9 mm short thread), with write-on patch	6PSV9-03FIVAP	6PSV9-03FIVAPT	6PSV9-03FIVAPF
	Screw caps	Red screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1.0 mm thickness) with AVCS technology	6PSC9ST1R	6PSC9ST1RT
Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness)—pre-slit, with AVCS technology		6PSC9ST1	6PSC9ST1T	6PSC9ST1F
Blue screw cap (9 mm) (PP: red PTFE/white silicone/red PTFE septa, 1.0 mm thickness) with AVCS technology		6PSC9TST	6PSC9TSTT	6PSC9TSTF
Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness)—pre-slit, with AVCS technology		6PSC9ST101X	6PSC9ST101XT	6PSC9ST101XF
Blue screw cap (9 mm) (PP: blue silicone/clear PTFE soft septa: 1.0 mm thickness) with AVCS technology		6PSC9ST101	6PSC9ST101T	6PSC9ST101F
Blue screw cap (9 mm) (PP: white silicone/blue PTFE septa: 1.0 mm thickness)—pre-slit, with AVCS technology		6PSC9STS1	6PSC9STS1T	6PSC9STS1F
Bonded grey screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness)—pre-slit		6PSC9STBS1	6PSC9STBS1T	6PSC9STBS1F
Inserts		0.3 mL clear conical glass insert , with PE Thermo Scientific™ Polyspring™ insert	6PME03C1SP	6PME03C1SPT
	0.4 mL clear conical glass insert , with pulled point	6PME04C1	6PME04C1T	6PME04C1F
	0.2 mL clear conical glass insert , with GOLD-grade glass	6PME02CG	6PME02CGT	6PME02CGF
	0.2 mL clear conical glass insert , with PE Polyspring insert (deactivated/silanized glass)	6PME03C1SSP	6PME03C1SSPT	6PME03C1SSPF



Instrument compatibility

A wide variety of innovative autosampler well plate options—solutions for every need

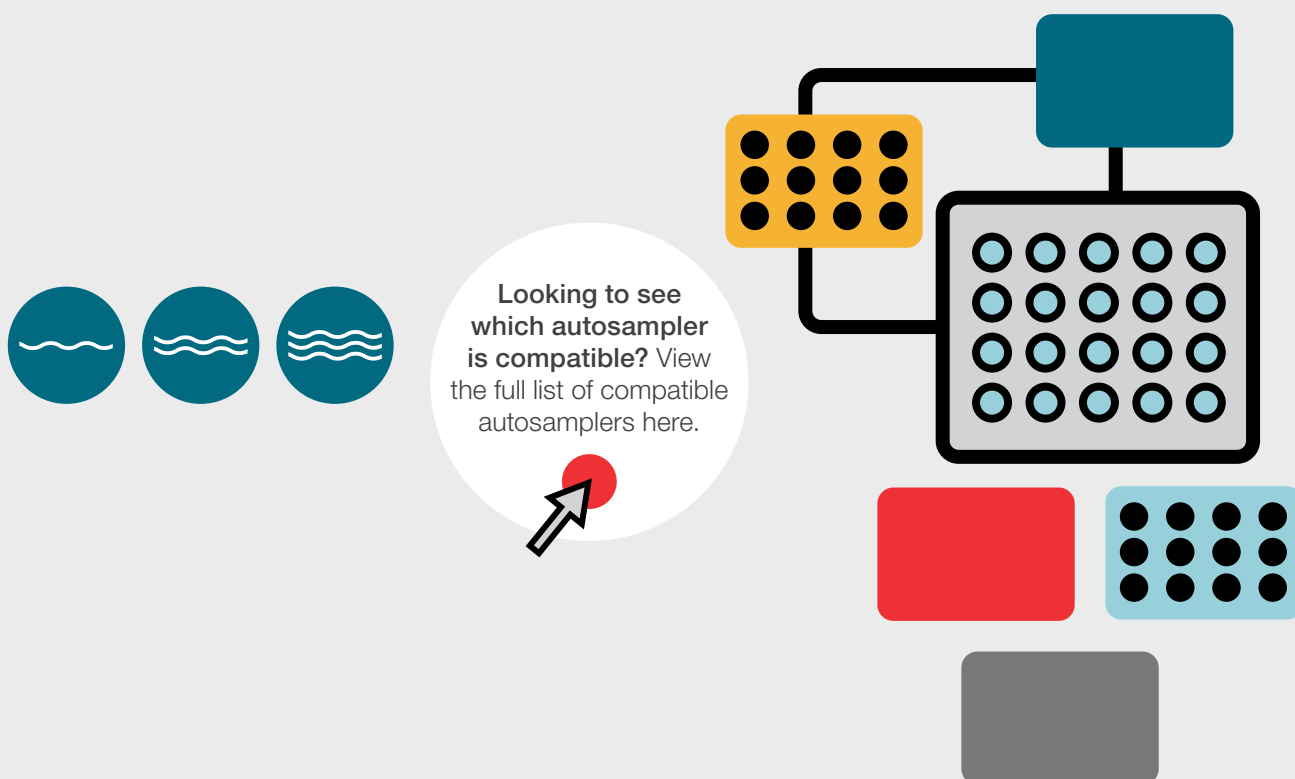
Thermo Scientific™ WebSeal™ well plates are designed for today's chromatographers using well plate-compatible autosamplers. Rest assured, you will get all the advantages of sample handling using plates, along with the security of achieving reliable results and our decades of experience as the market leader in sample containers for chromatography.

The benefits of well plates include:

- Offer easier and quicker filling and sealing process using multi-channel pipetting tools
- Inert surface that protect sample integrity when using organic solvents
- Soft pierceable closures that support reliable needle injection and resealing
- Saves time and space compared with the same amount of vials
- Afford efficient transport of many samples in a single plate

Our WebSeal well plates are designed for the chromatography systems and:

- Tested for chromatography applications
- **ANSI SLAS 4-2004** compliant, for robot compatible systems, prep stations and autosamplers
- Product collection contains a broad selection of 96- and 384-well sample plates for use in autosamplers including polypropylene, glass coated and a selection suitable for use with glass vials
- A wide range of options are available to fit the specific requirements of your application





Performance level 1: Everyday analysis

Product type	Product description	Cat. no.
Well plates	WebSeal 96-well non-coated plastic microplates 96-non-coated, non-sterile propylene well plate. Square well, V-shape bottom. Total volume: 2000 µL. Height: 44 mm. Pack of 50	60180-P135
	WebSeal 96-well non-coated plastic well plates 96 Well Plates, round well, U-shape bottom, 8 mm. Total volume: 1100 µL. Height: 26.5 mm. Pack of 50	60180-P154
	WebSeal 96-well non-coated plastic microplates 96 Well Plates, round well, U-shape bottom, 8 mm. Total volume: 2000 µL. Height: 44 mm. Pack of 50	60180-P124
	WebSeal non-sterile mats WebSeal 96-well plate mat (solvent resistant), large penetration area. Material: silicone/PTFE. Round, domed base. Pack of 50	60180-M102
Mats	WebSeal non-sterile mats WebSeal 96-well plate mat, large penetration area. Material: clear silicone. Square well, 8 mm. Pack of 5	60180-M123
	WebSeal non-sterile mats WebSeal 96-well plate mat, large penetration area. Material: Clear silicone. Square well, 8 mm. Flat Base with Cross. Pack of 50	60180-M186
Sealing tape	WebSeal non-sterile sealing tapes Clear sealing tape with 3 layer no adhesive at cavity area. Material: PET, silicone. Plate compatibility: all. Pack of 100	60180-M146



Performance level 2: High-throughput analysis

Product type	Product description	Cat. no.
Well plates	WebSeal non-coated plastic well plates. Certified. 96-well non-coated plastic microplates. Standard, 7 mm, U-shape bottom. Total volume 1200 µL. Height: 41.6 mm. Pack of 50	60180-P201
	WebSeal well plates, barcoded for Thermo Scientific™ Vanquish™ UHPLC systems 96-well non-sterile, non-coated plastic microplates. Standard, 7 mm, Round well, barcoded. Total volume: 220 µL. Height: 14.7 mm. Pack of 100	60180-P207B
	WebSeal non-coated plastic well plates. Certified. 96-well non-coated plastic microplates. Standard, 7 mm, V-shape bottom. Total volume 220 µL. Height: 14.7 mm. Pack of 100	60180-P207
	WebSeal non-coated plastic well plates. Certified. 96-well non-coated plastic microplates. Standard, 7 mm, V-shape bottom. Total volume 2000 µL. Height: 44.4 mm. Pack of 50	60180-P202
Mats	WebSeal non-sterile mats 96-well plate WebSeal mat (solvent resistant). Material: silicone/PTFE round well, flat base. Pack of 5	60180-M111
	WebSeal non-sterile mats WebSeal 96-well plate mat, large penetration area. Material: clear silicone. Round well, 7 mm, pre-slit. Pack of 5	60180-M116
	WebSeal non-sterile mats WebSeal 96-well plate mat (solvent resistant), large penetration area. Material: silicone/PTFE. Square well, 7 mm. Pack of 5	60180-M122



Performance level 3: High performance

Product type	Product description	Cat. no.
Well plates	Thermo Scientific™ WebSeal™ Plate+ glass coated plastic well plates, 2nd generation 384-well glass coated PP microplate, square-rounded 8 mm diameter, U-shape bottom. Total volume: 252 µL. Height: 22 mm. Pack of 6	60180-P342
	WebSeal Plate+ glass coated plastic well plates, 2nd generation 96-deep-well glass coated PP microplate, round 7 mm diameter, U-shape bottom. Total volume: 1200 µL. Height: 41.5 mm. Pack of 10	60180-P336
	WebSeal Plate+ glass coated plastic well plates, 2nd generation 96-well glass coated PP microplate, round 7 mm diameter, U-shape bottom. Total volume: 270 µL. Height: 14.6 mm. Pack of 10	60180-P330
	WebSeal Plate+ glass coated plastic well plates, 2nd generation 384-well glass coated PP microplate, square-rounded 8 mm diameter, U-shape bottom. Total volume: 145 µL. Height: 14.4 mm. Pack of 10	60180-P340
Well plate kits with sealing mats	WebSeal 96-well plate kits with sealing mats 96 deep well plate (glass inserted plate kit) with 96-position sealing mat (vial: 60180-V106; mat: 60180-M153, silicone/PTFE), round 7 mm diameter. Total volume: 1500 µL. Height 64.5 mm. Pack of 5	60180-K106
	WebSeal 96-well plate kits with sealing mats 96 deep well plate (glass inserted plate kit) small volume microplate with sealing mat and cutting tool (vial: 60180-V101; mat: 60180-M151, silicone/PTFE). Total volume: 700 µL. Height 44 mm. Pack of 5	60180-K101
Kit accessories	WebSeal 96 well mats for use with WebSeal kits Material: silicone, PTFE Plate compatibility: WebSeal glass inserted 96-well plates (60180-K104, 60180-106). Pack of 5	60180-M153
	WebSeal 96 well mats for use with WebSeal kits Material: silicone, PTFE Plate compatibility: WebSeal glass inserted 96-well plates (60180-K100, 60180-101, 60180-103) Pack of 5	60180-M151

Learn more at thermofisher.com/surestart

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