

■ PCR ■ Tubes ■ Racks ■ Tips



PRODUCT CATALOG





Innovations for Life Science

From the very beginning we have been focused on bringing Innovations for Life Science to our customers around the world.

Scientific Specialties, Inc. has been producing industry leading plasticware for the life science research market since 1990. All products are designed, developed and produced in California under our ISO9001 certified Quality Assurance process.



FACILITY

- » Products designed, developed and meticulously produced under one roof at our Lodi, CA home office.

MATERIALS

- » Only premium raw materials selected.
- » All tips, tubes and PCR products are made from virgin medical grade, FDA approved polypropylene.

PRODUCTION

- » State of the art fully automated manufacturing.
- » ISO9001:2008 for Quality Assurance process.



Purity Assured

Certified free from RNase DNase, DNA, & PCR inhibitors, also endotoxin-free.

Certificate of Assurance

Sterile product certified free from RNase, DNase, DNA, PCR inhibitors and endotoxins.

Autoclavable

Where specified, products may be sterilized at 121°C and 15psi for 15 minutes.

Recyclable

Product is fully compliant with recycling standards. All tips, tubes and PCR products are manufactured from virgin polypropylene.

Distributor in Türkiye

Epigen Biyoteknoloji
Mustafa Kemal Mah.
2141 Sok. 19/1 Anka Is Mhz
Cankaya-Ankara



MADE IN THE USA

Every product in this catalog is manufactured in the United States of America.

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Flipper® IsoFreeze®

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GripSeal CRYOFREEZE®

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UltraFlux[®]

GENERAL FEATURES

ANGULAR CAP ATTACHMENT

Angularly attached caps on the UltraFlux[®] i and SnapStrip[®] strip tubes prevent cap lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.

ULTRA THIN WALLS

Ultra thin walls ensure efficient thermal transfer and thus maximum yield. SSI wall thickness is 0.20mm compared to thicker 0.25mm of many competitor's PCR tubes.

White tubes with optically clear caps

Two-material manufacturing creates the perfect environment for consistent, reliable PCR performance. White wells offer enhanced fluorescence reflection and optically clear caps ensure that the fluorescent signal is passed through unaffected.



Clear tubes

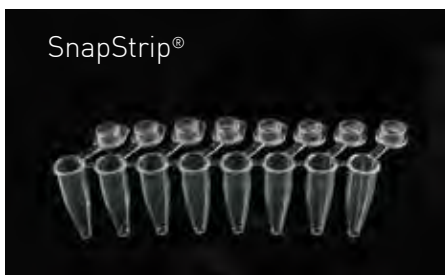
High clarity for visualizing contents.





UltraFlux® i

- Angularly attached caps prevent cap lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.
- Robust interwell linkages make the tubes rigid, decreasing the chance of spillage.
- Unique two-material manufacturing creates the perfect environment for consistent, reliable qPCR performance. White wells offer enhanced fluorescence reflection and optically clear caps ensure that the fluorescent signal is passed through unaffected.



SnapStrip® i

- Individually capped design reduces chances of sample contamination by allowing users to fill a tube and then close it.
- Customizable strips easily split into smaller sections.
- Angularly attached caps prevent cap lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.



UltraFlux® z

- Strips of hinged attached caps enable quicker liquid handling and more efficient scale up.
- Optically clear caps for real-time PCR (qPCR).
- Uniform thin walls.



To order colored tubes

replace **-00** with **-40** color #

UltraFlux® i

Item #	Tube Size	Strip Description	Tube Colors	Cap Description	Packaging
1 3247-00	0.2 ml standard	strips of 8	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	flat, optically clear	120 strips per unit, 10 units per case
2 3248-00	0.1 ml low profile	strips of 8	-40 white	flat, optically clear	120 strips per unit, 10 units per case

SnapStrip®

Item #	Tube Size	Strip Description	Tube Colors	Cap Description	Packaging
3 3240-00	0.2 ml standard	strips of 8	-00 clear only	dome, clear	120 strips per unit, 10 units per case
4 3245-00	0.2 ml standard	strips of 8	-00 clear only	flat, optically clear	120 strips per unit, 10 units per case

UltraFlux® z

Item #	Tube Size	Strip Description	Tube Colors	Cap Description	Packaging
5 3235-00	0.2 ml standard	strips of 8	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	flat, optically clear	125 strips per unit, 10 units per case

Strip PCR Tubes & Caps

PCR

FEATURES AND DETAILS

- Ultra thin-wall PCR tubes in strips of 8 and 12.
- Manufactured with optimized medical grade polypropylene no background signal during real time PCR.
- Standard and Low Profile wells.
- Strips of flat or dome caps.
- Optically clear caps for (real time) qPCR.
- DNase, RNase, DNA, endotoxin and PCR inhibitor free.
- Convenient cap and tube combination packs.

Standard = 0.2 ml
Low Profile = 0.1 ml



Combination Packs: Strip Tubes with Strip Caps

Item #	Tube Size	Description	Colors	Packaging
3135-00	standard	strips of 8, flat, clear cap strips	-00 clear, -40 white	125 strips per unit, 10 units per case
3131-00	standard	strips of 8, dome cap strips	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	125 strips per unit, 10 units per case
3145-00	low profile	strips of 8, flat, clear cap strips	-00 clear, -40 white	125 strips per unit, 10 units per case
3136-00	standard	strips of 12, flat, clear cap strips	-00 clear, -40 white	80 strips per unit, 10 units per case
3133-00	standard	strips of 12, dome cap strips	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	80 strips per unit, 10 units per case

Strip Tubes Only

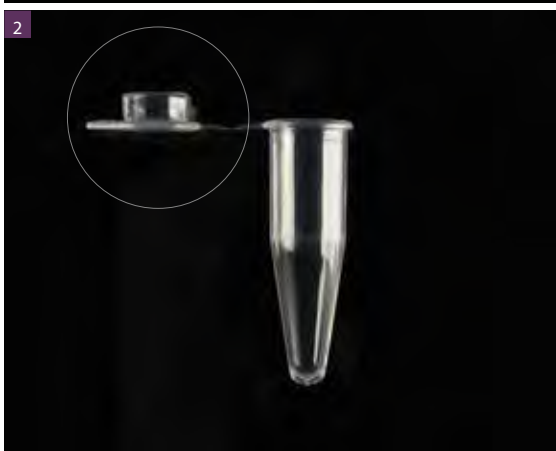
Item #	Tube Size	Strip Description	Colors	Packaging
1 3111-00	standard	strips of 8	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	125 strips per unit, 10 units per case
3140-00	low profile	strips of 8	-00 clear, -40 white	125 strips per unit, 10 units per case
3113-00	standard	strips of 12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	80 strips per unit, 10 units per case

Strip Caps Only

Item #	Caps	Strip Description	Colors	Packaging
2 3105-00	flat	strips of 8	-00 clear	125 strips per unit, 10 units per case
3 3102-00	dome	strips of 8	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd	125 strips per unit, 10 units per case
3106-00	flat	strips of 12	-00 clear	80 strips per unit, 10 units per case
3103-00	dome	strips of 12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd	80 strips per unit, 10 units per case

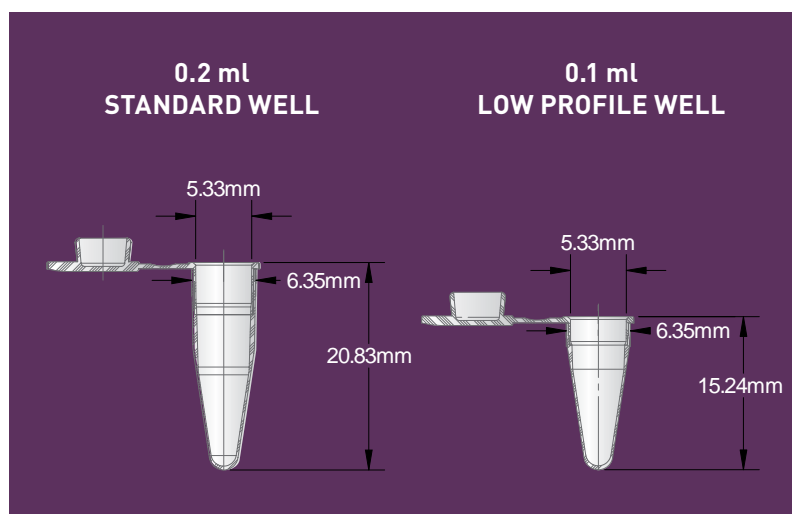
Corbett-Type Strip Tubes and Caps (Compatible with QIAGEN®/CORBETT® and Rotor-Gene® Instruments)

Item #	Tube Size	Description	Colors	Packaging
4 3188-00	0.1 ml	4 tube strip and 4 cap strip	-00 clear	250 strips per unit, 10 units per case



FEATURES AND DETAILS

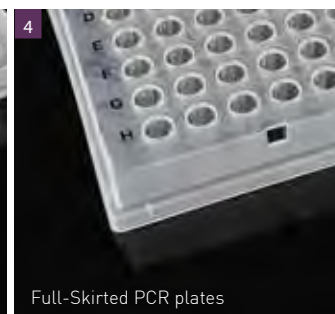
- Ultra thin wall 0.2 ml and 0.5 ml tubes.
- Flat and clear, frosted flat, or dome caps.
- Optically clear caps for real time qPCR.
- DNase, RNase, DNA, endotoxin and PCR inhibitor free.



Individual PCR Tubes				
Item #	Tube Size	Cap Description	Tube & Cap Colors	Packaging
1 3210-00	0.2 ml	dome cap	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd	1000 per unit, 10 units per case
2 3220-00	0.2 ml	frosted flat cap	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd	1000 per unit, 10 units per case
3225-00	0.2 ml	clear flat cap	-00 clear	1000 per unit, 10 units per case
3310-00	0.5 ml	dome cap	-00 clear	1000 per unit, 10 units per case
3 3320-00	0.5 ml	frosted flat cap	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd	1000 per unit, 10 units per case

FEATURES AND DETAILS

- Comprehensive thermal cycler compatibility.
- Ultra-thin walls produce efficient thermal transfers during amplifications.
- High contrast printed letters and numerals for rapid sample identification.
- Bar-coded semi-skirted and full-skirted plates enable convenient sample identification and tracking throughout analysis.
- Unskirted PCR Plate Item # 3400-00 and # 3410-00 are also available in 24 and 48 well size options. Please inquire for more details.



Unskirted PCR Plates - Also available in 24 and 48 well configurations

Item #	Bar-Coded Plate Item#	Wells #	Well Type	Cut Corner	Plate Color	Packaging
1 3400-00	n/a	96	standard	A12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case
3400C00	n/a	96	standard, cuttable	A12	-00 clear	10 per unit, 10 units per case
3401-00	n/a	96	low profile	H12	-40 white	20 per unit, 5 units per case
3410-00	n/a	96	chimney top, standard	H12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case

Semi-Skirted PCR Plates

3420-00	n/a	96	standard	A12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case
3421-00	n/a	96	low profile	H1	-40 white	10 per unit, 10 units per case
2 3425-00	3425T00	96	raised rim, standard well ABI®-type	A12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case
3426-00	n/a	96	low profile, FAST® type	A1	-00 clear, -40 white	10 per unit, 10 units per case
3450-00	3450T00	96	standard	A12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case
3 3455-00	3455T00	96	low profile, LightCycler® type	H12	-00 clear, -40 white	10 per unit, 10 units per case

Full-Skirted PCR Plates

4 3441-00	3441T00	96	low profile	A12	-01 blue, -02 green, -04 red, -05 violet, -06 yellow, -09 asstd, -40 white	10 per unit, 10 units per case
3430-00	3430T00	384	two notch type	A24 & P24	-40 white	10 per unit, 10 units per case
3435-00	3435T00	384	one notch type	A24	-40 white	10 per unit, 10 units per case

UltraFlux® Sealing Films

ULTRAFLUX® FOIL

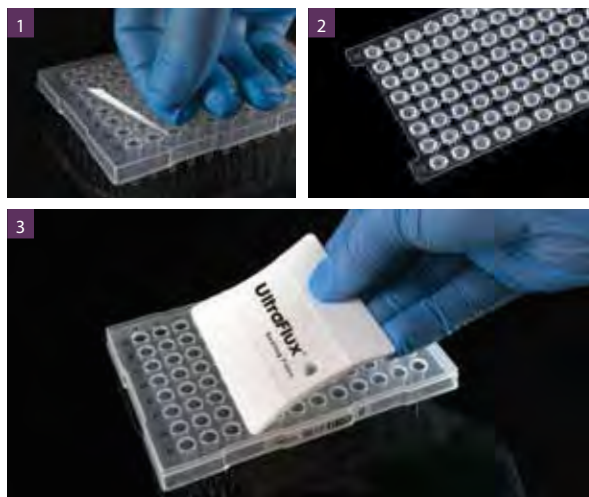
- Very soft and malleable – easily takes on the shape of whatever plate it is applied to.

ULTRAFLUX® STANDARD

- Perfect choice for everyday classic PCR work.

ULTRAFLUX® RT (REAL-TIME) PRESSURE RELEASED FILM

- Highest level of clarity ideally suited for optical analysis during Real Time PCR.
- Non-tacky adhesion – only sticks when pressed against the plate surface due to the micro encapsulated beads of silicone. This film leaves no messy residue that can potentially interfere with optical analysis. Makes handling of film much easier prior to seal.



PCR

PCR Sealing Films

Item #	Seal Type	Material	Dimensions	Packaging
3640-00	UltraFlux® Foil	pierceable aluminum	total length of 5.562" (with tabs) total width of 3.25" workable length of 5.00"	100 per unit
3622-00	UltraFlux® Standard	clear polypropylene film, acrylic adhesive	total length of 5.562" (with tabs) total width of 3.13" workable length of 5.06"	100 per unit
3651-00	UltraFlux® RT (Real-Time) Pressure Released	clear polyolefin film, silicone adhesive	total length of 5.250" (with tabs) total width of 3.00" workable length of 4.63"	100 per unit

Sealing Mats (Silicone Rubber)

Item #	Description	Material	Dimensions	Packaging
3510-00	96 well sealing mat	silicone	total length of 4.67" total width of 2.90"	5 per unit, 10 units per case

ULTRAFLUX® RT FILM & PLATE BUNDLES (WITH FREE APPLICATOR)

- We have packaged our best selling UltraFlux® PCR plates with our Real-Time pressure released sealing film into convenient bundles. Each unit comes with a FREE applicator for applying the film to the plate.

Bundled Plate and Sealing Film (Includes One Applicator Per Unit)

Bundled Item #	Plate Style	Description	Packaging
3400F50	3400	96-well, unskirted standard well plate, clear, with UltraFlux® RT film	10 plates & films per unit, 10 units per case
3401F50	3401	96-well, unskirted low profile plate, clear, with UltraFlux® RT film	
3420F50	3420	96-well, semi-skirted, indented, standard well plate, clear, with UltraFlux® RT film	
3425F50	3425	96-well, semi-skirted, raised rim, standard well ABI® style plate, clear, with UltraFlux® RT film	
3426F50	3426	96-well, semi-skirted, FAST® style low profile plate, clear, with UltraFlux® RT film	
3430F50	3430	384-well, full-skirted, two-notch style plate, clear, with UltraFlux® RT film	
3430F5W	3430	384-well, full-skirted, two-notch style plate, white, with UltraFlux® RT film	
3435F50	3435	384-well, full-skirted, one-notch style plate, clear, with UltraFlux® RT film	
3535F5W	3435	384-well, full-skirted, one-notch style plate, white, with UltraFlux® RT film	
3441F50	3441	96-well, full-skirted, low profile plate, clear, with UltraFlux® RT film	
3450F50	3450	96-well, semi-skirted, standard well plate, clear, with UltraFlux® RT film	
3455F50	3455	96-well, semi-skirted, low profile, LightCycler® style plate, clear, with UltraFlux® RT film	
3455F5W	3455	96-well, semi-skirted low profile plate, white, with UltraFlux® RT film	

Thermal Cycler Compatibility Guide

PCR

Manufacturer	Well Shape		3400 unskirted	3401 unskirted	3410 chimney top	3420 semi-skirted	3421 semi-skirted	3425 semi-skirted (raised edge)	3426 semi-skirted	3450 semi-skirted	3455 semi-skirted	3441 skirted	3435 384-well	3430-40 384-well	
Manufacturer	Standard well (Overall height approximately 21mm, maximum capacity → 350µL)		•		•	•		•		•					
	Low profile well (Overall height approximately 16mm, maximum capacity approximately 200µL)			•			•		•		•	•	50µL	50µL	
Applied Biosystems	Thermal Cyclers	Thermal cycler model													
		2700	•		•	•		•		•			•		
		2720						▲							
		6100						▲							
		9600	•		•	•		•		•					
		9700	•		•	•		▲		•				▲	
		9800 "Fast"								•					
		Veriti 0.1ml							▲						
		Veriti 0.2ml							▲		▲				
		Veriti 384												▲	
		Real Time Thermal Cyclers	5700	•			•		•		•				
			PRISM 7000	•			•		▲		▲				
			7300	•			•		▲		▲				
			7500	•			•		▲		▲				
	7500 "Fast"									▲					
	7700		•			•		•		▲					
	7900HT		•			•	•	▲							
	7900HT Fast									▲					
	7900HT 384 Well													▲	
	Step One plus									▲					
	Sequencers	ViiA 7						▲	▲					•	
		Quant Studio 12K Flex						•	•					•	
		PRISM 310	•		•	•		•	▲	▲				▲	
		PRISM 3100	•		•	•		▲	▲	•				▲	
		3130 (XL)	•		•	•		▲	▲	▲				▲	
		3700	•		•	•		▲	▲	▲				▲	
		PRISM 3730 (XL)	•		•	•		▲	▲	▲				▲	
Bio-Rad/MJ Research	Thermal Cyclers	Gene Cycler	•		•	•		•							
		PTC-100	•	•	•					•		▲	•		
		PTC-200	•	•	•						•		▲	•	
		PTC-225 Tetrad	•	•	•						•		▲	•	
		Dyad/Dyad Disciple	•	•	•						•		▲	•	
		iCycler	•		•						▲		•		
		MyCycler	•		•										
		Mini Gradient	•	•											
		Personal	•								•				
		T100	▲										▲		
	Real Time Thermal Cyclers	DNA Engine family	•	•							•		•	•	
		C1000/S1000	•	▲							•		•	•	
		Opticon/Opticon2	•	•									▲		
		Chromo-4		•									•		
		iCycler	•		•						▲		•		
		MyiQ	•		•						▲		•		
		iQ5	•		•						▲		•		
		CFX Connect		•							•		•		
		CFX96											▲		
CFX384												▲	•		
Eppendorf	Thermal Cyclers	BaseStation										•			
		Mastercycler	•	•	•					•		•			
		Mastercycler ep Gradient	•		•	•		•				▲			
		Mastercycler M384											•	•	
		Mastercycler Nexus	•	•							•		•		
		Mastercycler Nexus Gradient	•	•							•		▲		
	Mastercycler Nexus Eco	•	•							•		•			
Real time Thermal Cyclers	Mastercycler Pro	•							•		•	•	•		
Mastercycler ep Realplex	•		•					•	•		▲				

DISCLAIMER: This chart is intended as a guide only. SSI cannot accept any liability or responsibility for information given

▲ + Optimal Fit

Thermal Cycler Compatibility Guide

Manufacturer	Well Shape	Thermal cycler model	3400	3401	3410	3420	3421	3425	3426	3450	3455	3441	3435	3430
			unskirted	unskirted	chimney top	semi-skirted	semi-skirted	skirted (raised edge)	semi-skirted	semi-skirted	semi-skirted	skirted	364-well	384-well
	Standard well (Overall height approximately 21mm, maximum capacity → 350µl)		•		•	•		•		•				
	Low profile well (Overall height approximately 16mm, maximum capacity approximately 200µl)			•			•		•	•	•		50µl	50µl
		Thermal cycler model												
Amersham	Sequencers	MegaBACE 500										•		
		MegaBACE 1000										•		
		MegaBace 4000											•	
Beckman	Sequencers	CEQ	•											
Biometra	Thermal Cyclers	Uno	•	•	•	•				•		•		
		Uno II	•	•	•	•				•			•	
		T1 Thermal Cycler	•	•	•	•							•	•
		Tgradient	•	•	•	•					•		•	
		Trobot	•	•	•	•					•		•	•
		T3000	•	•									•	•
		T Professional	•	•									•	•
Corbett Research	Real Time Thermal Cyclers	Optical	•	•								•	•	
		PalmCycler 96								•		•		
Ericom	Thermal Cyclers	PalmCycler 384											•	
		Power Block I	•	•	•	•	•	•						
		Deltacycler I	•	•	•					•				
		Deltacycler II	•	•	•	•	•	•						
Esco	Thermal Cyclers	Single Block	•	•						•				
		Twin Block	•	•	•					•				
		Swift	•		•						•			•
		Gene	•		•						•		•	•
G-Storm	Thermal Cyclers	Genius	•		•					•		•		
		GS1	•	•	•	•	•	•		•				
		GS2	•	•	•	•	•	•		•				
		GS4	•	•	•	•	•	•		•				
MWG	Thermal Cyclers	GSX	•	•	•	•	•	•		•				
		GSXs	•	•	•	•	•	•		•				
		Primus 96	•	•	•	•	•	•		•		•		
		Primus 384												•
Stratagene	Thermal Cyclers	Robocycler 96	•							•				
		Robocycler Gradient	•	•	•	•	•	•		•		•		
		SureCycler 8800		•										
	Real Time Thermal Cyclers	Mx4000 and Mx3005P	•	•	•	•	•	•						
TaKaRa	Thermal Cyclers	TP240										•		
		TP3000	•	•	•	•	•	•		•		•		
Techne	Thermal Cyclers	Touchgene	•	•	•	•	•	•		•				
		Cyclogene	•	•	•	•	•	•		•				
		Genius	•	•	•	•	•	•		•				
		Genius Quad	•	•	•	•	•	•		•				
		Genius (TC412)	•	•	•	•	•	•		•		•		
		Flexigene	•	•	•	•	•	•		•		•	•	
		Touchgene X	•	•						•		•	•	
	Touchgene Gradient ITC512)	•	•	•	•	•	•		•		•	•		
Real Time Thermal Cyclers	Quantica		•								•			
Thermo Hybaid	Thermal Cyclers	PCR Sprint	•	•	•	•	•	•		•		•		
		MBS Satellite (Multiblock) System	•	•	•	•	•	•		•		•	•	
		Px2 and PxE	•	•	•	•	•	•		•		•	•	
		PCR Express and Omni-E	•	•	•	•	•	•		•		•	•	
		Touchdown	•	•	•	•	•	•		•		•	•	
		OmniGene	•	•	•	•	•	•		•		•	•	
Transgenomic	Sequencers	WAVE System										•		
Roche	Real Time Thermal Cyclers	LightCycler 96									•			•
		LightCycler 480									•		•	

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5 ml Centrifuge Tubes

FEATURES

- Fits most rotors, racks that hold 15 ml conical tubes.
- Graduations every 250 μ l for easy volume estimation.
- Rated to 25,000 x g for high speed centrifugation.
- Assorted colors unit come in 4 individually packaged colors (red, blue, green, yellow).
- Autoclavable.
- Also consider the new Flipper[®] rack, which holds 0.5 ml, 1.5 ml, 2.0 ml, 5.0 ml, 15 ml, and 50 ml tubes all in one rack.



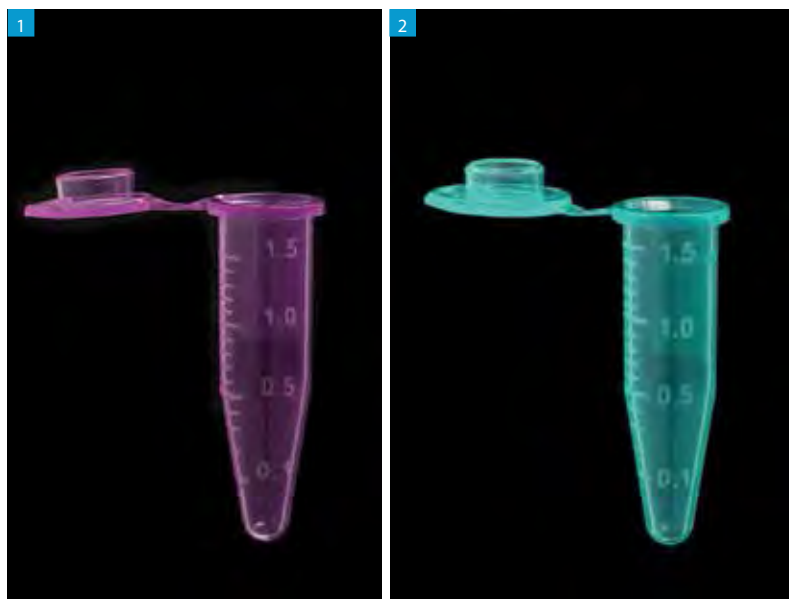
5 ml Centrifuge Tubes

Item #	Description	Packaging
1410-00	5 ml centrifuge tube, clear	100 x 2 per unit, 5 units per case
1410-S0	5 ml centrifuge tube, clear, sterile	50 x 4 per unit, 5 units per case
1410-S7	5 ml centrifuge tube, amber, sterile	50 x 4 per unit, 5 units per case
1410-09	5 ml centrifuge tube, assorted colors (individually packed)	50 x 4 per unit, 5 units per case
5415-59	5 ml tube-compatible Flipper [®] rack	4 racks per unit, 4 units per case

Microcentrifuge Tubes

FEATURES AND DETAILS

- Produced in 0.5 ml, 1.5 ml and 2.0 ml volumes.
- Graduations marked at every 100µl to provide easy sample estimation.
- Solidly constructed for high speed centrifugation.
- Rated to 20,000xg.
- All tubes are autoclavable.
- Maximum Recommended Temperature for all tubes is 121°C except for Item # 1230-00 which is 95°C.
- Minimum Recommended Temperature for all tubes is -90°C.
- All tubes have a writing area.



TUBES

To order colored tubes

replace **-00** with **color # -05**

Example: Item#-00 for clear and Item#-05 for violet

Microcentrifuge Tubes										
Item #	Tube Size	Tube Type	Cap Area	Cap Closure	Colors		Material	Hydrophobicity	Boiling Suitability	Packaging
1110-00	0.5 ml	graduated	smaller	firm & positive	-01 blue, -02 green -03 orange -04 red -05 violet -06 yellow	-07 amber -09 assorted -29 asstd. fluorescent	polypropylene (HP)	slightly greater	yes	1110-00: 1000 per unit, 10 units per case, 1210-00 & 1310-00: 500 per unit, 10 units per case
1210-00	1.5 ml									
1310-00	2.0 ml									
1110-10	0.5 ml	NoStick	smaller	positive	-00 clear only		polypropylene (HP)	slightly greater	yes	1110-10: 500 per unit, 10 units per case 1210-10 & 1310-10: 250 per unit, 10 units per case
1210-10	1.5 ml									
1310-10	2.0 ml									
1210-S0	1.5 ml	ready clean, sterile	smaller	positive	-00 clear only		polypropylene (HP)	slightly greater	yes	250 per unit, 10 units per case
1310-S0	2.0 ml									
1220-00	1.5 ml	T-Series Tubes	smaller	no distinct snap	-01 blue -02 gree -03 orange -04 red -05 violet	-06 yellow -09 assorted, -29 asstd. fluorescent	polypropylene (CP)	slightly less	yes limited	500 per unit, 10 units per case
2 1260-00	1.5 ml	SnapSeal™ Tubes	large	positive snap	-01 blue -02 green -03 orange -04 red -05 violet -06 yellow	-09 assorted -29 asstd. fluorescent	polypropylene (CP)	slightly less	yes limited	500 per unit, 10 units per case
1270-00	1.5 ml	capless tubes	no cap	no cap	-00 clear only		polypropylene (HP)	slightly greater	no	500 per unit, 10 units per case
1370-00	2.0 ml									

FEATURES AND DETAILS

- Versatile and durable tube developed for secure use in multiple laboratory environments.
- Ideal for boiling applications.
- Numerous tube and cap options to form an ideal combination for specific applications.
- Can be centrifuged to over 20,000g.
- Suitable for a wide range of temperatures - from -196°C to +121°C (not for immersion in liquid nitrogen).
- Constructed with super clear medical grade polypropylene.
- Certified RNase, DNase & DNA free.
- Sterile versions are certified free of pyrogens.
- Available with or without graduations.
- Graduated versions marked at every 100µl to provide easy sample estimation.
- Offered with either skirted or conical bases.
- Automation - #2680-00 (2.0 ml tube) features an orientation fin on the skirted base.



Screw Microtubes and Caps

Screw MicroTubes

Item #	Tube Size	Tube Type	Graduations	Writing Area	Packaging
1	2120-00	0.5 ml	skirted base, ribbed	no	500 per unit, 10 units per case
2	2130-00	0.5 ml	conical base	no	
3	2140-00	0.5 ml	skirted base	no	
	2210-00	1.5 ml	conical base, ribbed	no	
4	2220-00	1.5 ml	skirted base, ribbed	no	
	2230-00	1.5 ml	conical base	yes	
5	2240-00	1.5 ml	skirted base	no	
	2310-00	2.0 ml	conical base, ribbed	no	
6	2320-00	2.0 ml	skirted base, ribbed	no	
7	2330-00	2.0 ml	conical base	yes	
	2340-00	2.0 ml	skirted base	yes	
8	2680-00	2.0 ml	skirted base, orientation fins	yes	



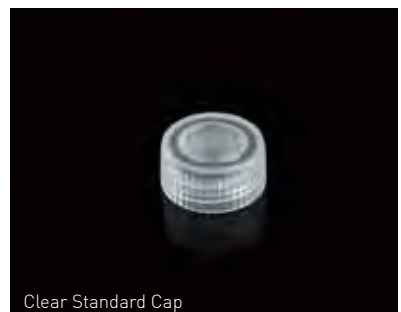
Sterile Assemblies of Tubes with Clear Standard Caps (Item # 2001-00)

Sterile Item #	Tube Style	Packaging
2121-S0	2120-00	50 assemblies per unit, 50 units per case
2131-S0	2130-00	
2141-S0	2140-00	
2211-S0	2210-00	
2221-S0	2220-00	
2231-S0	2230-00	
2241-S0	2240-00	
2311-S0v	2310-00	
2321-S0	2320-00	
2331-S0	2330-00	
2341-S0	2340-00	



Sterile Assemblies of Tubes with Clear Tether Caps (Item # 2002-00)

Sterile Item #	Tube Style	Packaging
2122-S0	2120-00	50 assemblies per unit, 50 units per case
2132-S0	2130-00	
2142-S0	2140-00	
2212-S0	2210-00	
2222-S0	2220-00	
2232-S0	2230-00	
2242-S0	2240-00	
2312-S0	2310-00	
2322-S0	2320-00	
2332-S0	2330-00	
2342-S0	2340-00	





FEATURES AND DETAILS

CAPS ONLY

- Caps offered with synthetic, silicone or with the super secure (GripSeal) molded seals.
- Offered standard or tethered.
- Large variety of cap colors to choose from.
- Cap Insert Discs for added sample identification.
- Threads – easy ¾ turn.
- Temperature Range from -196°C to +121°C (not for immersion in liquid nitrogen).

GRIPSEAL

- GripSeal cap is molded out of polypropylene with an inert TPE sealing ring molded directly into cap.
- Unique to the industry and compatible with all SSI microtubes.
- Provides the safest, most secure leak-proof microtube seal on the market.
- Rubber ribs on cap allow for effortless opening and closing.
- Contrasting color strips on a white cap enable easy identification.
- Wide variety of colors available.



To order colored caps

replace **-00** with color # **-40**

Example: Item#-00 for clear and Item#-40 for white

Translucent Colors:	Opaque Colors:
-07 - amber -09 - assorted -31 - blue -32 - green -33 - orange -34 - red	-35 - violet -36 - yellow -01 - blue -02 - green -03 - orange -04 - red -05 - violet -06 - yellow
	-40 - white -41 - black -51 - blue -52 - green -53 - orange -54 - red
	-55 - violet -56 - yellow -59 - assorted

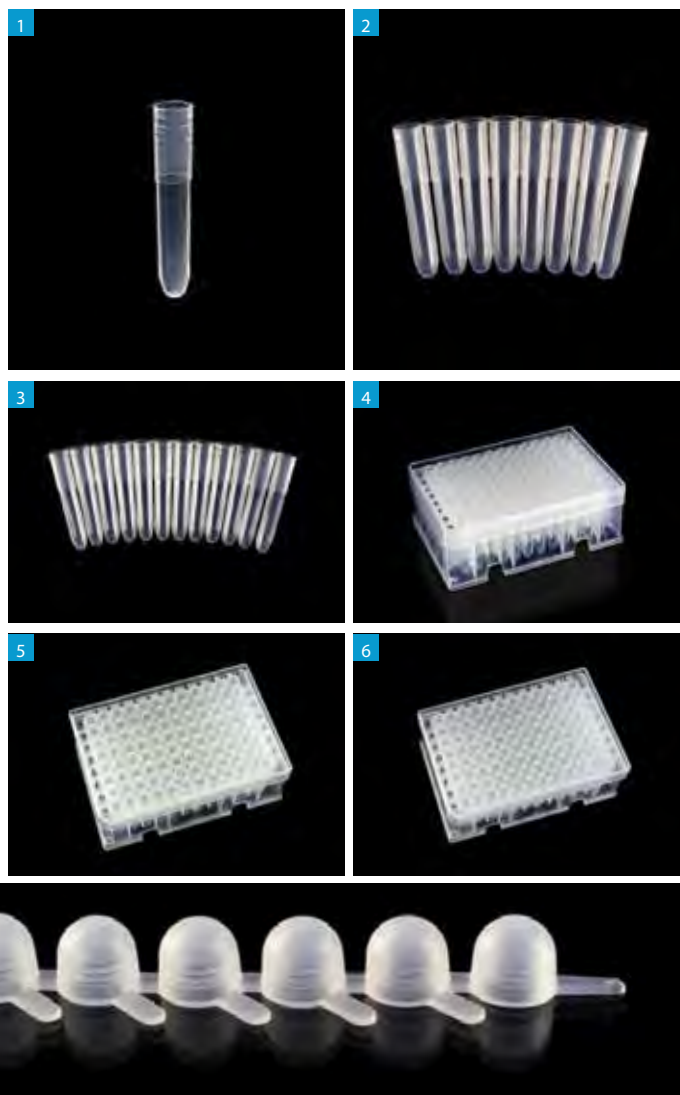
Caps						
Item #	Description	Ring Type	Translucent Colors	Opaque Colors	Compatible Cap Insert Discs	Packaging
1 2001-00	standard	synthetic o-ring	-31, -32, -33, -34, -35, -36, -09	-40, -41, -51, -52, -53, -54, -55, -56, -59		500 per unit, 10 units per case
2 2002-00	standard tether	synthetic o-ring	-07	-51, -52, -53, -54, -55, -56, -59		
2003-00	insertable	synthetic o-ring	n/a	-40, -51, -52, -53, -54, -55, -56, -59	2000Dxx* available in: -40, -51, -52, -53, -54, -55, -56, -59	
2004-00	insertable tether	synthetic o-ring	-00 clear only	n/a		
3 2005-00	GripSeal	molded sealing ring and grips	n/a	-01, -02, -03, -04, -05, -06, -09, -40		

* 2000Dxx is not included with caps. To order cap insert discs reference part number (2000Dxx) separately.

Organized Storage/Reaction Tubes

FEATURES

- SBS dimensions.
- Ideal for automation / HTS.
- 8 × 12 format.
- Individual tubes, strips of 8 tubes and strips of 12 tubes.
- Polypropylene is used for tubes and racks.
- Strip Caps are polyethylene.
- Ideal for: storage, dilution, mixing, harvesting, culture assays, screening.
- This rack and tube system is equally suitable as a reaction vessel in your robotic workstation or as a long-term storage vessel in your sample library.
- A clear rack lid is a standard part of this system package. Strip caps are also available.



TUBES

Non-Racked Tubes

Item #	Sterile Item #	Description	Packaging
1 703A-00	n/a	individual tubes	1000 per unit, 10 units per case
2 703B-00	n/a	strips of 8 tubes	125 per unit, 10 units per case
3 703C-00	n/a	strips of 12 tubes	80 per unit, 10 units per case

Racked Tubes

Item #	Sterile Item #	Description	Packaging
4 713A-00	713A-S0	individual tubes	10 per unit, 10 units per case
5 713B-00	713B-S0	strips of 8 tubes	10 per unit, 10 units per case
6 713C-00	713C-S0	strips of 12 tubes	10 per unit, 10 units per case

Loose Cap Strips

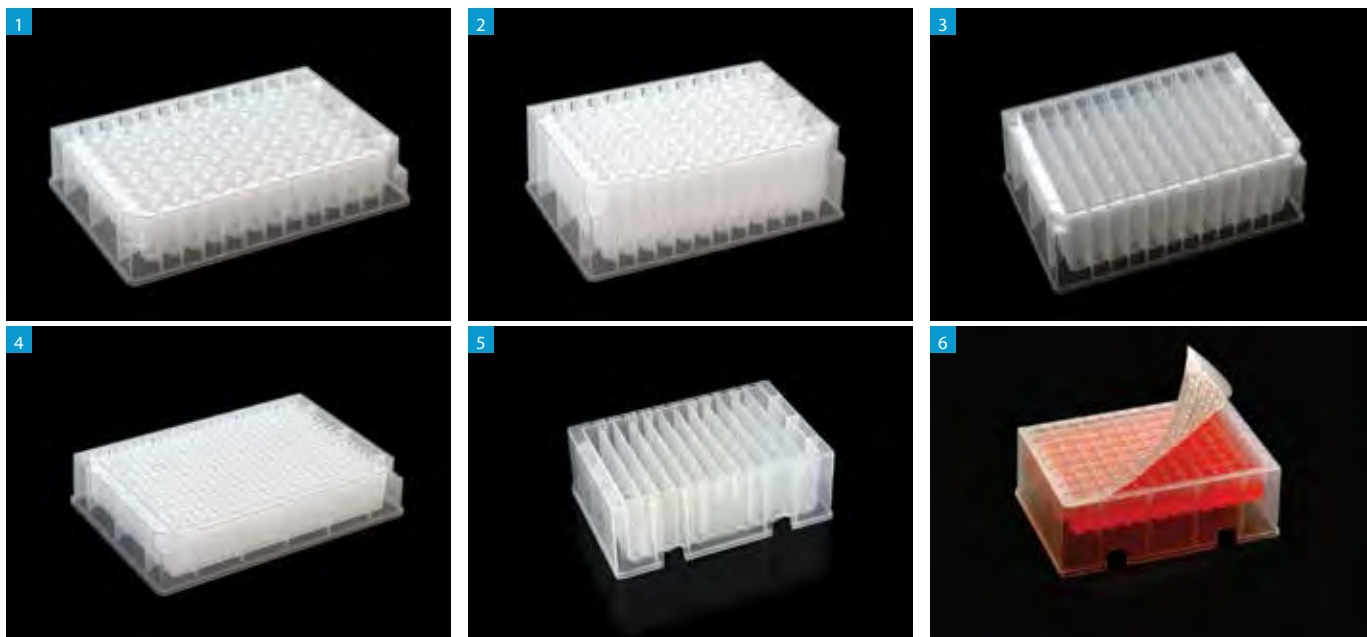
Item #	Sterile Item #	Description	Packaging
7 7032-00	7032-S0	strips of 8 caps	125 per unit, 10 units per case
7033-00	7033-S0	strips of 12 caps	80 per unit, 10 units per case

Deep Well Plate Family

TUBES

FEATURES AND DETAILS

- Square wells with conical V-bottom base.
- Conical wells for minimum dead volume.
- Reagent reservoir.
- Ideal storage vessels.
- Flatness tested to enable proper sealing.
- SBS footprint, meets ANSI/SLAS 1-2004.



Deep Well Plates

Item #	Description	Number of Wells	Indexing	Packaging
1 7631-00 7631-S0	1.1 mL Deep-Well Plate, Round Bottom 1.1 mL Deep-Well Plate, Round Bottom, Sterile	96 wells	clear alphanumeric	5 plates per unit, 10 units per case
775B-00	1.1 mL Deep-Well Plate, Square Bottom	96 wells		10 per unit, 10 units per case
2 7651-00 7651-S0	2 mL Deep-Well Plate, Round Bottom 2 mL Deep-Well Plate, Round Bottom, Sterile	96 wells		5 plates per unit, 10 units per case
3 7753-00 7753-S0	2 mL Deep-Well Plate, Square, V-Bottom 2 mL Deep-Well Plate, Square, V-Bottom, Sterile	96 wells		
4 7832-00 7832-S0	240 uL Deep-Well Plate, V-Bottom 240 uL Deep-Well Plate, V-Bottom, Sterile	384 wells		

Sealing Mats

Item #	Description	Number of Wells	Packaging
76M1-00 76M1-S0	Sealing Mat for Deep-Well Plate Sealing Mat for Deep-Well Plate, Sterile	96 round wells	10 mats per unit 5 units per case
5 77M1-00 77M1-S0	Sealing Mat for Deep-Well Plate Sealing mat for deep-Well Plate, Sterile	96 square wells	

Reservoir

Item #	Description	Number of Reservoirs	Packaging
6 7A5A-00	12-Channel Reservoir	12 wells	5 per unit, 4 units per case

CENTRIFUGE TUBES

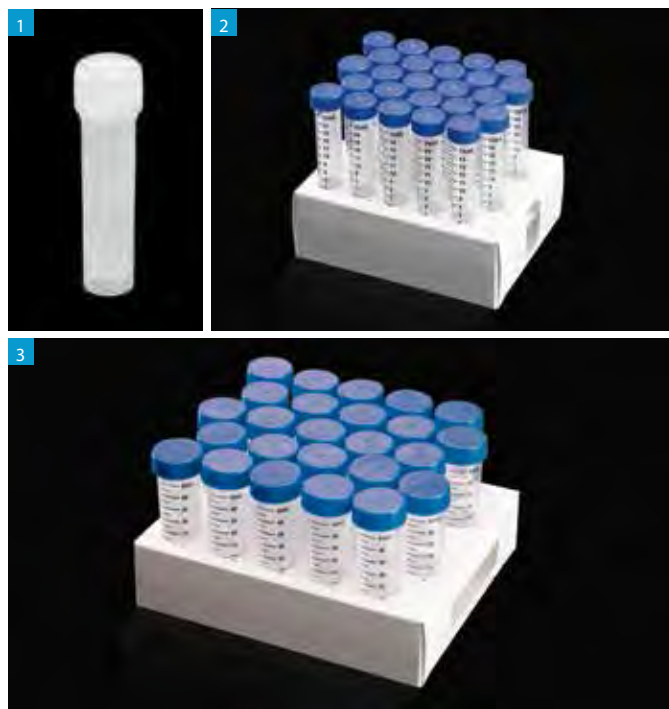
- Premium research grade centrifuge tubes.
- High clarity medical grade polymer.
- Graduations at 1 ml (15 ml tube) or 5 ml (50 ml tube) increments.
- Rated to 15,000 × g.
- Autoclavable using standard sterilization procedure (15 minutes at 121°C and 15psi).
- Wide temperature range (minimum (storage only) -80°; maximum 40°C).
- All tubes are sterile and certified free from DNase, RNase, DNA, PCR inhibitors & endotoxins.
- Tube racks are recyclable. Both 50 ml and 15 ml tubes are presented 25 tubes per rack.

OPENERS & LOCKS

- Cap openers ease fatigue when opening and closing large numbers of microtubes.
- Useful, brightly colored tools also help in the safe opening of glass ampules.
- Cap locks are designed to securely seal SSI tubes against the rigors of freezing and boiling.
- Large, easy-to-grip tab permits safe insertion and removal from boiling water and freezers.
- Writing area allows easy identification or organization into types.

PESTLES

- DNase, RNase and DNA free pestles.
- To homogenize cells or resuspend precipitates such as protein or DNA pellets.



DuraTube™ - Specially formulated for bead beating applications and is shatter resistant

Item #	Sterile	Description	Packaging
1 2641-0B	n/a	2.0 ml graduated tube, skirted base, secure O-ring screw cap	200 per unit, 5 units per case

Centrifuge Conical Base Tubes

Item #	Sterile	Description	Packaging
2830-S0	Yes	15 ml graduated tube	50 per unit, 10 units per case
2 2831-S0	Yes	15 ml graduated tube	2 racks with 25 per unit, 10 units per case
2930-S0	Yes	50 ml graduated tube	50 per unit, 10 units per case
3 2931-S0	Yes	50 ml graduated tube	1 rack with 25 per unit, 20 units per case

Centrifuge Skirted Base Tubes

Item #	Sterile	Description	Packaging
2940-S0	Yes	50 ml molded graduated tube	50 per unit, 10 units per case

Cap Openers

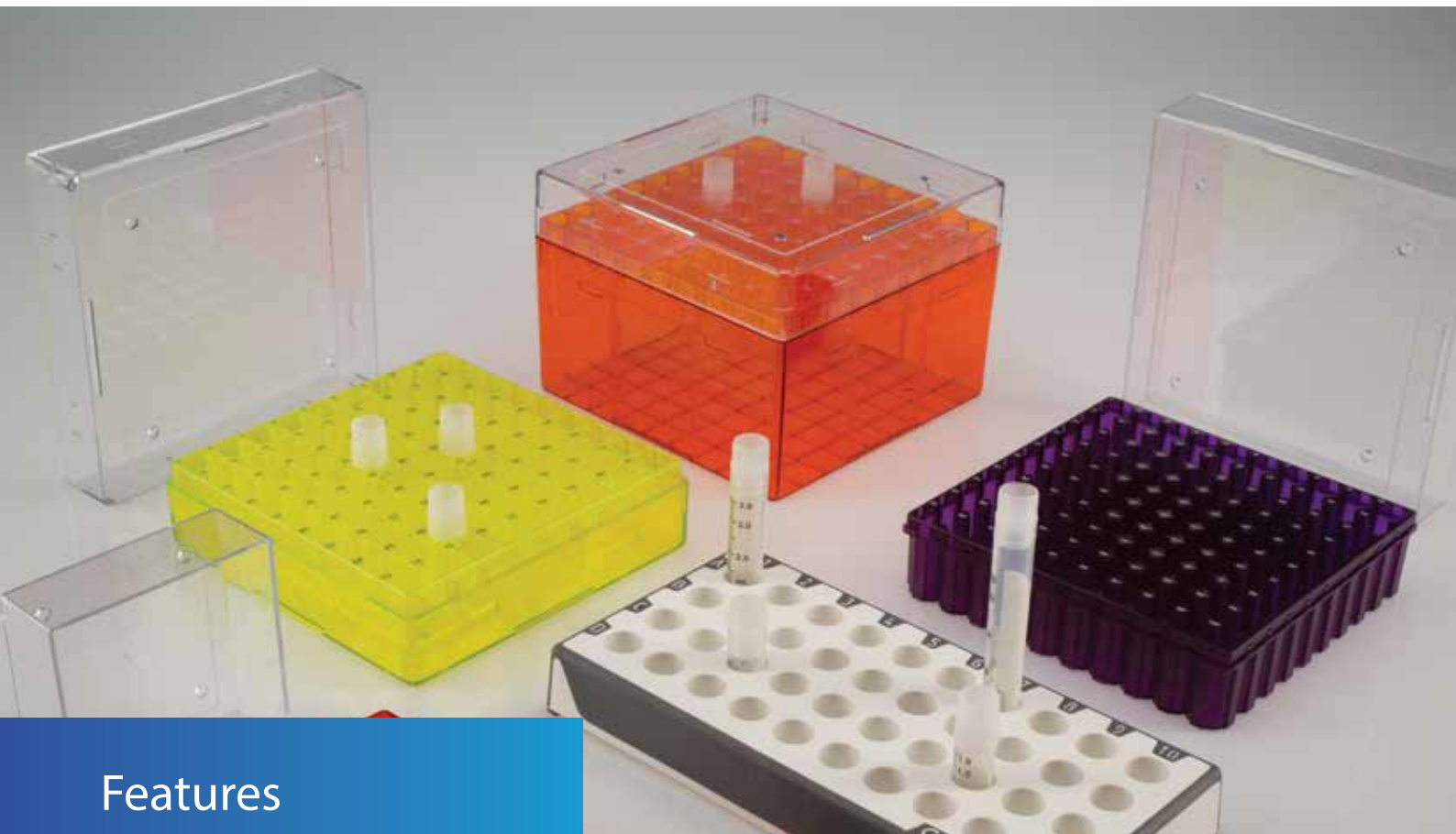
Item #	Sterile	Description	Color	Packaging
1007-09	n/a	cap openers	-09 assorted	100 per unit, 10 units per case

Cap Locks

Item #	Sterile	Description	Color	Packaging
1002-39	n/a	for 0.5 ml tubes	-39 assorted	100 per unit, 10 units per case
1003-39	n/a	for 1.5 ml or 2.0 ml tubes	-39 assorted	100 per unit, 10 units per case

Pestles

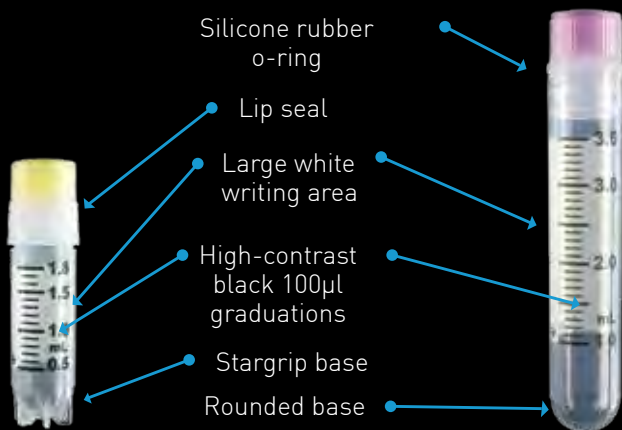
Item #	Sterile	Description	Color	Packaging
1004-39	n/a	pestle only for 0.5 ml tubes	-39 assorted	10 per unit, 40 units per case
1005-39	n/a	pestle only for 1.5 ml tubes	-39 assorted	10 per unit, 40 units per case



Features

6222-S0 EXTERNAL THREAD

6131-S0 INTERNAL THREAD



FEATURES AND DETAILS

- The CF Tubes are comprised of FDA-approved, medical grade polypropylene with HDPE caps.
- Tubes comply with the In Vitro Devices Directive (IVD).
- CF Tubes are packaged in resealable stand-up pouches that minimize the use of benchtop space.
- Contrasting black 100µl graduations on the tubes are large and easy to view.
- Significant white writing area on all CF Tubes.
- CF tubes are optimized for vapor phase liquid nitrogen storage. Not suitable for immersion.
- Round base as well as self standing stargrip base tubes.

FEATURES AND DETAILS

Ideal for vapor-phase liquid nitrogen freezing.
(Not suitable for immersion.)

Externally Threaded Tubes

- Caps have lip seal feature so no o-ring is necessary.
- Three convenient tube volumes from 1.0 to 4.5 mL.
- External threads reduce contamination, cross-contamination potential.

Internally Threaded Tubes

- Cap has silicone rubber o-ring for a secure, leakproof seal.
- Maximizes tube storage within racks and boxes.
- Range of seven tubes, from 1.0 to 4.5 mL.



Externally Threaded CryoFreeze® (CF) Tubes

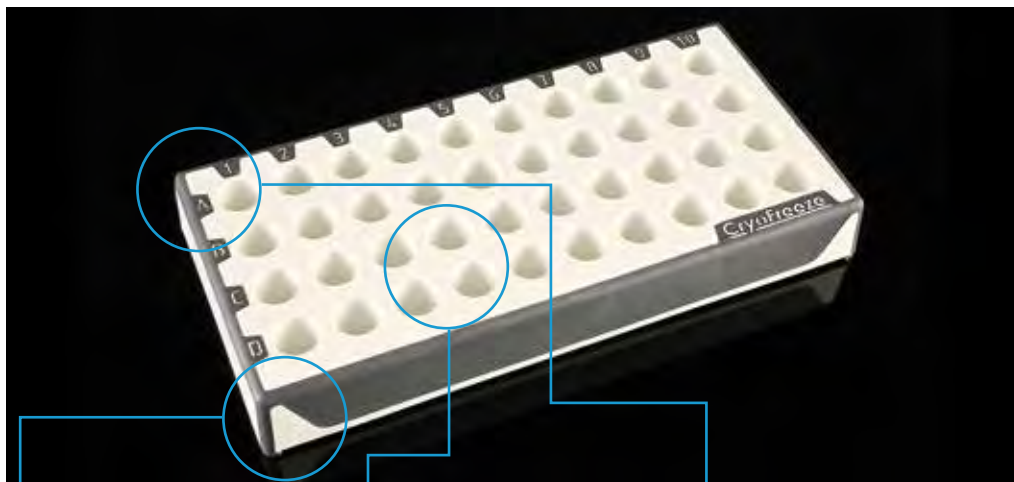
Sterile Item #	Tube Type	Base Type	Packaging
6212-S0	1.0 mL	stargrip	50 per unit, 10 units per case
6321-S0 (No cap Inserts)	1.8 mL	round	50 per unit, 10 units per case
1 6222-S0	1.8 mL	stargrip	50 per unit, 10 units per case
6242-S0	4.5 mL	stargrip	50 per unit, 6 units per case

Internally Threaded CryoFreeze® (CF) Tubes

Sterile Item #	Tube Type	Base Type	Packaging
6112-S0	1.0 mL	stargrip	50 per unit, 10 units per case
6121-S0	1.8 mL	round	50 per unit, 10 units per case
6122-S0	1.8 mL	stargrip	50 per unit, 10 units per case
2 6131-S0	3.6 mL	round	50 per unit, 8 units per case
6132-S0	3.6 mL	stargrip	50 per unit, 8 units per case
6141-S0	4.5 mL	round	50 per unit, 6 units per case
6142-S0	4.5 mL	stargrip	50 per unit, 6 units per case

Cap Inserts

Item #	Color	Packaging
3 6000-01	-01 blue -02 green -03 orange -04 red -05 violet -06 yellow -07 brown -09 assorted -0G gray -0P pink -0W white	500 per unit, 4 units per case



NO-SLIP BASE

Rubber no-slip grips on the base to hold securely on the benchtop.

RIBBED WELLS

Ribs inside the wells of the rack enable tubes with stargrip bases to be easily opened or closed with one hand.

CLEAR LABELING

Easy to read alphanumeric indexes on the rack make for rapid sample identification.

Space-Saving Pouch

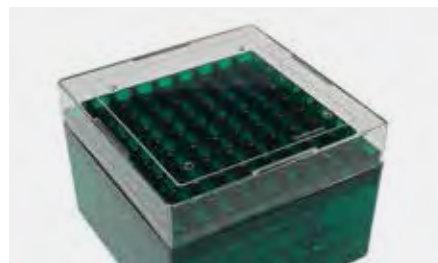
Tubes are packaged in resealable stand-up pouches that minimize the use of benchtop space.

CryoFreeze® GripRack™

- Unique, ruggedly designed 40 place rack.
- Ribs hold stargrip base tubes in position for easy, one-handed opening/closing of tubes.
- Unique, contrasting color rubber non-slip grips keep the rack secure on the bench or in your hand.
- High contrast alphanumeric indexing for fast sample tube location identification.

CryoFreeze® Polycarbonate Storage Racks

- Tough and durable polycarbonate racks.
- Drains and vents prevent pressure build-up.
- Bright and attractive colors.
- 25, 81 and 100 place.
- Crystal clear lid.
- Printed, easy to read numeric indexing.



CryoFreeze® (CF) GripRack

Item #	Description	Color	Packaging
5160-0G	40 place CryoFreeze® GripRack	white/gray	5 per unit, 4 units per case

CryoFreeze® (CF) Storage Racks

Item #	Description	Format	Dimensions	Max Tube Dimensions	Color	Packaging
5700-19	25 place CryoFreeze® rack (1.0/1.8 ml tubes)	5 rows x 5 columns	76 x 76 x 54mm	12mm diameter, 49mm high	assorted colors	5 per unit, 4 units per case
5720-19	81 place CryoFreeze® rack (1.0/1.8 ml tubes)	9 rows x 9 columns	133 x 133 x 54mm	12mm diameter, 49mm high	assorted colors	5 per unit, 4 units per case
5730-19	81 place, deep CryoFreeze® rack (3.6/4.5 ml tubes)	9 rows x 9 columns	133 x 133 x 95mm	12mm diameter, 90mm high	assorted colors	5 per unit, 4 units per case
5750-19	100 place CryoFreeze® rack (1.0/1.8 ml tubes)	10 rows x 10 columns	133 x 133 x 54mm	12mm diameter, 49 mm high	assorted colors	5 per unit, 4 units per case

RACKS

SSI



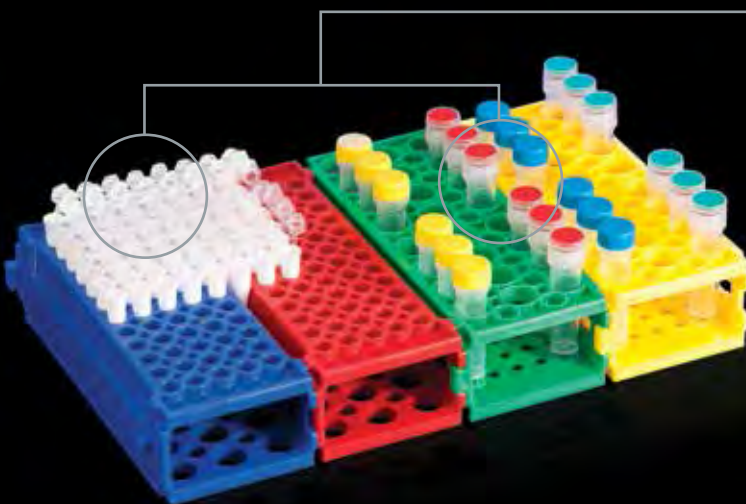
Flipper®

GENERAL FEATURES

SSI has been the industry leader in developing colorful, uniquely designed tube racks for life science researchers.

Racks support a wide range of the most frequently used tube sizes, from 0.1/0.2 ml PCR tubes to 15 & 50 ml conical tubes.

Our signature Flipper® Racks provide unmatched utility and convenience. Available in different configurations to meet laboratory needs.



FEATURES

- Holds 1.5/2.0 ml microtubes.
- Flip side holds 0.5 /0.7 ml microtubes.
- Bright, attractive colors.

32 FLIPPER® JUNIOR

- Perfect for sequencing.
- One side has 32 wells for 0.5 ml type tubes with 8 larger positions for 1.5 or 2.0 ml tubes.
- Flip side has the opposite configuration: 32 positions for 1.5 ml or 2.0 ml tubes with 8 smaller positions.

64 FLIPPER®

- 8 rows x 8 columns with molded indexing for easy reference.
- A great replacement for card or metal freezer racks.

96 FLIPPER®

- 8 rows x 12 columns with molded indexing .
- Material: polypropylene.
- Operating Temperature Range: -90 to 121°C.
- Lids are only available in clear.



To order colored racks

replace
-00

with

color #
-31

Example:
Item#-00 for clear &
Item#-31 for opaque blue

Opaque Colors:

- 31 - blue
- 32 - green
- 33 - orange
- 34 - red
- 35 - violet
- 36 - yellow
- 39 - assorted
- 41 - black

Fluorescent Colors:

- 21 - blue
- 22 - green
- 23 - orange
- 24 - pink
- 26 - yellow
- 29 - assorted

32 Place Junior Flipper® (4 × 8 Format)

Item #	Description	Dimensions	Colors	Packaging
1 5300-00	rack with clear lid	169 × 81 × 48mm	-21, -22, -23, -24, -26, -29	5 racks with lids per unit, 4 units per case
5301-00	clear lid only	161 × 81 × 29mm	-00 clear only	1 lid per unit, 20 units per case
5302-00	rack only	169 × 79 × 28mm	-21, -22, -23, -24, -26, -29	5 racks per unit, 4 units per case

64 Place Flipper® (8 × 8 Format)

Item #	Description	Dimensions	Colors	Packaging
2 5310-00	rack with clear lid	132 × 130 × 45mm	-31, -32, -33, -34, -35, -36, -39, -21, -22, -23, -24, -26, -29	5 racks with lids per unit, 4 units per case
5311-00	clear lid only	130 × 130 × 45mm	-00 clear only	1 lid per unit, 20 units per case
5312-00	rack only	132 × 127 × 31mm	-31, -32, -33, -34, -35, -36, -39, -21, -22, -23, -24, -26, -29	5 racks per unit, 4 units per case

96 Place Flipper® (8 × 12 Format)

Item #	Description	Dimensions	Colors	Packaging
5320-00	rack with clear lid	213 × 118 × 50mm	-31, -32, -33, -34, -35, -36, -39, -41 -21, -22, -23, -24, -26, -29	5 racks with lids per unit, 2 units per case
5321-00	clear lid only	206 × 118 × 29mm	-00 clear	1 lid per unit, 10 units per case
3 5322-00	rack only	213 × 113 × 27mm	-31, -32, -33, -34, -35, -36, -39, -41 -21, -22, -23, -24, -26, -29	5 racks per unit, 2 units per case

FEATURES

- Rugged polypropylene construction.
- Bright colors.
- Autoclavable.
- Suitable for use in ultra-low temperature freezers (-90°C).
- Offered in standard or interlocking versions.

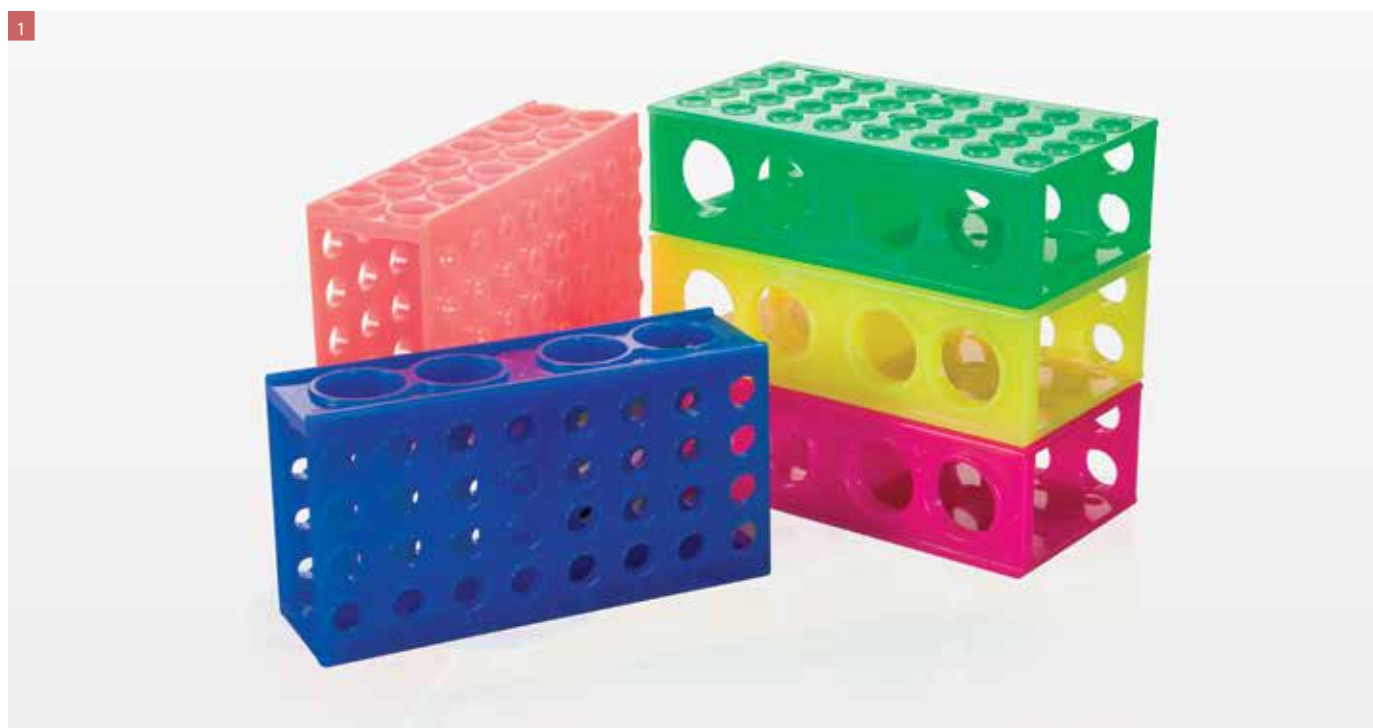
4-WAY FLIPPER® INTERLOCK

- Press racks together to lock into a larger rack.
- Create your own custom rack.
- The innovative rack design gives you an instantly expandable tube rack / workstation.

4-WAY FLIPPER®

- Offering maximum versatility, the 8-by-50 ml and 12-by-25 4-way Flipper® racks are intended for use with most popular laboratory tube sizes. The small footprint makes these handy racks convenient on the bench, under the hood and in a wide range of other situations.

RACKS



4-Way Flipper® Racks

Item #	Description	Dimensions	Tube Size Options	Rack Interlock	Standard Colors	Individual Colors	Packaging
5410-29	interlock	171 × 91 × 54mm	(32) 0.5 ml tubes, (32) 1.5-2.0 ml tubes, (12) 15 ml tubes or (4) 50 ml tubes	yes	assorted fluorescent	-21 fluorescent blue -22 fluorescent green -23 fluorescent orange -24 fluorescent pink -26 fluorescent yellow	5 per unit, 4 units per case
5420-29	8 by 50 ml	198 × 114 × 95mm	(40) 1.5-2.0 ml tubes, (24) 15 ml tubes, (20) 20mm tubes or (8) 50 ml tubes	no	assorted fluorescent	-21 fluorescent blue -22 fluorescent green -23 fluorescent orange -24 fluorescent pink -26 fluorescent yellow	5 per unit, 2 units per case
5430-39	12 by 25mm	198 × 114 × 95mm	(40) 1.5-2.0 ml tubes, (24) 15 ml tubes, (20) 20mm tubes or (12) 25mm tubes	no	assorted standard	-31 blue -32 green -33 orange -34 red -35 violet	5 per unit, 2 units per case

SLIPLock FLIPPER®

- Slide racks together.
- Lock for bigger workstation.
- Stack for storage.
- Fits into standard freezer racking.
- Polypropylene.
- Temperature range -80°C to +121°C.
- Autoclavable.



4-WAY FLIPPER® RACKS WITH TRAY

- Multitube compatibility.
- Four 4-way racks in a convenient tray.
- Each Flipper® can be independently oriented.
- 4-way rack can be used either in the tray or independently.



1 unit = 4 blocks

Sliplock Flipper®

Item #	Description	Overall Dimensions	Tube Size Options	PCR Workstation Options	Standard Colors	Packaging
1 5305-59	expandable mini workstation	133 × 107 × 56mm, 130 × 54 × 35mm without lid	(16) 0.5 ml tubes per block or (24) 1.5-2.0 ml tubes per block	(60) PCR 0.1-0.2 ml tubes per block, (12) PCR 8 tube strips per 2 blocks, (11) PCR 12 tube strips per 2 blocks, (1) PCR unskirted or semi skirted 96 well PCR plate per 2 blocks	green, blue, red, yellow	4 rack blocks per unit, 4 units per case, with 2 lids

4-Way Flipper® Racks with Tray

Item #	Description	Overall Dimensions	Tube Size Options	Standard Colors in Tray	Packaging
2 5400-39	standard tray set assembly	243 × 102 × 41mm	(12) 0.5 ml tubes, (9) 1.5-2.0 ml tubes, (6) 15 ml tubes or (2) 50 ml tubes	green, blue, red, yellow	1 tray of 4 racks per unit, 5 units per case
3 5400-29	fluorescent tray set assembly	243 × 102 × 41mm	(12) 0.5 ml tubes, (9) 1.5-2.0 ml tubes, (6) 15 ml tubes or (2) 50 ml tubes	fluorescent green, fluorescent orange, fluorescent pink, fluorescent yellow	1 tray of 4 racks per unit, 5 units per case

Revolver Workstation

REVOLVER - THE ULTIMATE WORKSTATION

- Add or subtract rack units to suit your needs.
- PCR plate configuration.
- Rotate and lock mechanism.
- Fast Reconfiguration for different tube sizes and types.
- Material: Polypropylene.
- Temp range -80°C to +121°C.
- Autoclavable.



RACKS



1 unit = 4 blocks

Revolver Workstation

Item #	Dimensions	Tube Size Options	PCR Workstation Options	Standard Colors	Packaging
5405-59	108 × 108 × 69mm (two locked racks with lid)	(6) 0.5 ml tubes, (12) 1.5-2.0 ml tubes, (8) 15 ml tubes per block or (2) 50 ml tubes per block	(48) PCR 0.2 ml tubes per block, (6) PCR 8 tube strips per block, (8) PCR 12 tube strips per 2 blocks, (1) PCR unskirted or semi skirted 96 well PCR plate per 2 blocks	green, blue, red, yellow	4 rack blocks per unit, 4 units per case

Freezer Racks

RACKS

FEATURES

- Versatile storage.
- Bright, attractive colors.
- Durable and robust.
- Hinged lid on 50 & 100 place.
- Lift-off lid on 81 place.
- Stores tubes up to 2.0 ml.
- Suitable for temperatures as low as -90°C.
- Sturdy polypropylene.



Freezer Racks

Item #	Description	Indexing	Dimensions	Max Tube Dimensions	Standard Colors	Individual Colors	Packaging
1 5510-29	50 place hinged lid, 5 rows x 10 columns	A to E & 1 to 10	86 x 139 x 54mm	12mm diameter, 54mm high	fluorescent	-21 florescent blue -22 fluorescent green -23 ffluorescent orange -24 fluorescent pink -26 fluorescent yellow -41 black, -00 clear	5 per unit, 4 units per case
2 5540-29	100 place hinged lid, 10 rows x 10 columns	A to J & 1 to 10	151 x 139 x 54mm	12mm diameter, 54mm high	fluorescent	-21 florescent blue -22 fluorescent green -23 ffluorescent orange -24 fluorescent pink -26 fluorescent yellow -41 black, -00 clear	5 per unit, 4 units per case
3 5500-29	81 place lift-off lid, 9 rows x 9 columns	A to I & 1 to 9	125 x 125 x 45mm 43mm without lid	12mm diameter, 42mm high	fluorescent	-21 florescent blue -22 fluorescent green -23 ffluorescent orange -24 fluorescent pink -26 fluorescent yellow -41 black, -00 clear	5 per unit, 4 units per case
5504-00	freezer box with lid, no wells, no slots	n/a	125 x 125 x 43mm	n/a	clear	-00 clear only	5 per unit, 4 units per case
4 5507-00	49 well rack with lid, 7 rows x 7 columns, slotted base for fast drainage	n/a	125 x 125 x 43mm	16mm diameter, 44mm high	clear	-00 clear only	5 per unit, 4 units per case
5509-00	81 well rack with lid, 9 rows x 9 columns, slotted base for fast drainage	n/a	125 x 125 x 45mm 43mm without lid	12mm diameter, 42mm high	clear	-00 clear only	5 per unit, 4 units per case

15 ml, 50 ml & 80 Place Racks

15 & 50 ML TUBE RACK

- Convenient freezer storage.
- Unique pull tab.
- Clear printed grid.
- Fits in standard freezer racking.
- Polypropylene.
- Operating Temperature: -90°C min to +121°C max (autoclavable).
- Suitable for permanent markers.



80 PLACE RACKS

- Fraction collector plate style.
- Versatile & efficient storage.
- Lots of color options.
- Tubes up to 2.0 ml.



RACKS

To order colored racks



Example: Item#-00 for clear and Item#-35 for violet

Opaque Colors:

- 31 - blue
- 32 - green
- 33 - orange
- 34 - red
- 35 - violet
- 36 - yellow
- 39 - assorted
- 41 - black

Fluorescent Colors:

- 21 - blue
- 22 - green
- 23 - orange
- 24 - pink
- 26 - yellow
- 29 - assorted

15 ml & 50 ml Tube Racks

Item #	Description	Format	Indexing	Dimensions	Max Tube Dimensions	Color	Packaging
1 5570-02	15 ml x 36 place rack	6 rows x 6 columns	1 to 36	144 x 144 x 127mm 102mm without lid	18mm diameter, 121mm high	green	2 per unit, 6 units per case
2 5580-01	50 ml x 16 place rack	4 rows x 4 columns	1 to 16	144 x 144 x 127mm 102mm without lid	30mm diameter, 121mm high	blue	2 per unit, 6 units per case

80 Place Racks

Item #	Description	Format	Indexing	Dimensions	Max Tube Diameter	Well Depth	Standard Colors	Individual Colors	Packaging
3 5110-29	80 place rack	5 rows x 16 columns	1 to 80	226 x 67 x 28mm	11mm diameter	26mm	-29 assorted fluorescent	-21, -22, -23, -24, -26 -29, -31, -32, -33, -34, -35, -36, -39, -41	5 per unit, 4 units per case
4 5120-00	hinged lid container for 80 place rack	holds one rack (Item # 5110-29)	n/a	236 x 85 x 52mm	n/a	n/a	-00 clear, -41 black	n/a	5 per unit, 4 units per case

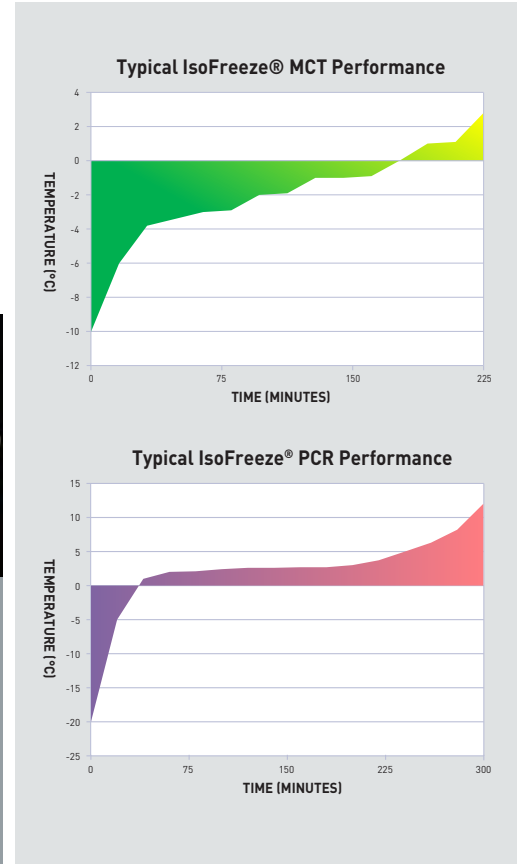
IsoFreeze® Color Change Racks

FEATURES

- Maintains a sample temperature of less than 4°C for almost 4 hours (with lid on rack) when at room temperature.
- Color change plastic enables you to see how cold your samples are.
- IsoFreeze® color change racks have a dramatic change to a contrasting color at 7°C.

RACKS

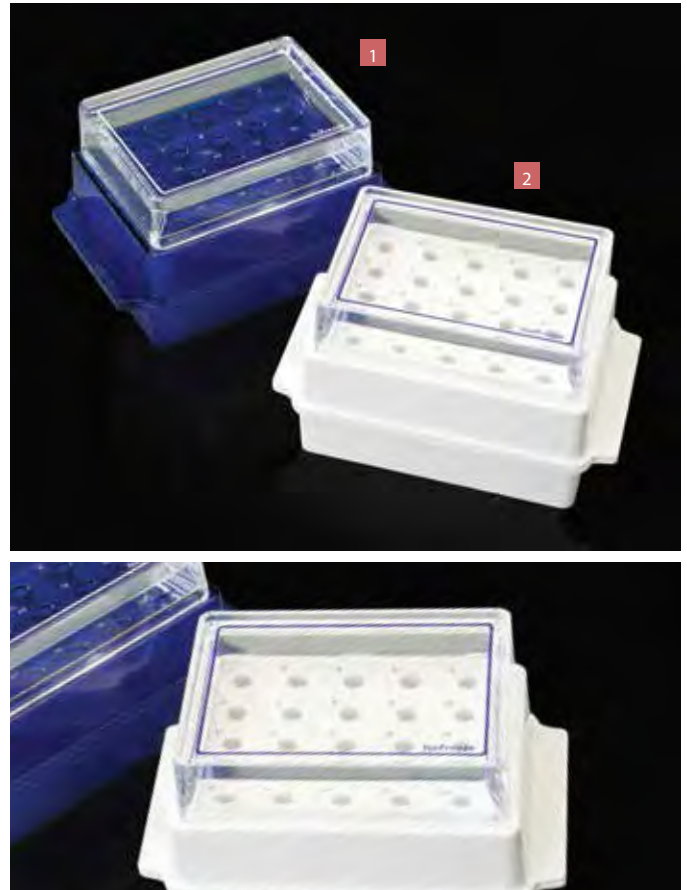
1		2		3	
	<ul style="list-style-type: none"> • IsoFreeze® MCT 24 tubes: 0.5, 1.5, 2.0 ml, Snaptop or screw-cap style. Lid included. 		<ul style="list-style-type: none"> • IsoFreeze® PCR 0.2 ml & 0.1 ml tubes, strip tubes and plates up to 96-well. Lid included. 		<ul style="list-style-type: none"> • IsoFreeze® PCR SBS has an SBS footprint. Ideal for your automated system. No lid.



IsoFreeze® MCT							
Item #	Cold Temperature	Warm Temperature	Estimated Time at 4°C	96-well PCR/QPCR Plates and Strip Tubes	Individual Tube Types	Dimensions	Packaging
5630-T4	purple	pink	3.5+ hours	n/a	0.5 ml-2.0 ml	70 × 105 × 146mm	1 per unit, 5 units per case
1 5630-T6	green	yellow	3.5+ hours	n/a	0.5 ml-2.0 ml	70 × 105 × 146mm	1 per unit, 5 units per case
IsoFreeze® PCR							
Item #	Cold Temperature	Warm Temperature	Estimated Time at 4°C	96-well PCR/QPCR Plates and Strip Tubes	Individual Tube Types	Dimensions	Packaging
2 5640-T4	purple	pink	3+ hours	all types	all 0.2 ml types	44 × 99 × 141mm	2 per unit, 5 units per case
5640-T6	green	yellow	3+ hours	all types	all 0.2 ml types	44 × 99 × 141mm	2 per unit, 5 units per case
IsoFreeze® PCR, SBS							
Item #	Cold Temperature	Warm Temperature	Estimated Time at 4°C	96-well PCR/QPCR Plates and Strip Tubes	Individual Tube Types	Dimensions	Packaging
5650-T4	purple	pink	2.5 hours	all types	all 0.2 ml types	n/a	2 per unit, 5 units per case
3 5650-T6	green	yellow	2.5 hours	all types	all 0.2 ml types	n/a	2 per unit, 5 units per case

FEATURES

- IsoFreeze® temperature maintenance racks.
- Consistent thermal protection.
- One side holds up to (20) 2.0 ml tubes, and the other side holds up to (20) 0.5 ml tubes.
- Robust polycarbonate manufacture.
- Tough Polycarbonate material.
- IsoFreeze® Flipper® is available in two temperature ranges:
 - Blue -20°C unit will maintain a temperature between -10° and -20°C for up to three hours.
 - White 0°C unit will maintain a temperature of 0°C for a minimum of five hours.
- Racks are filled with an inert, non-toxic gel.

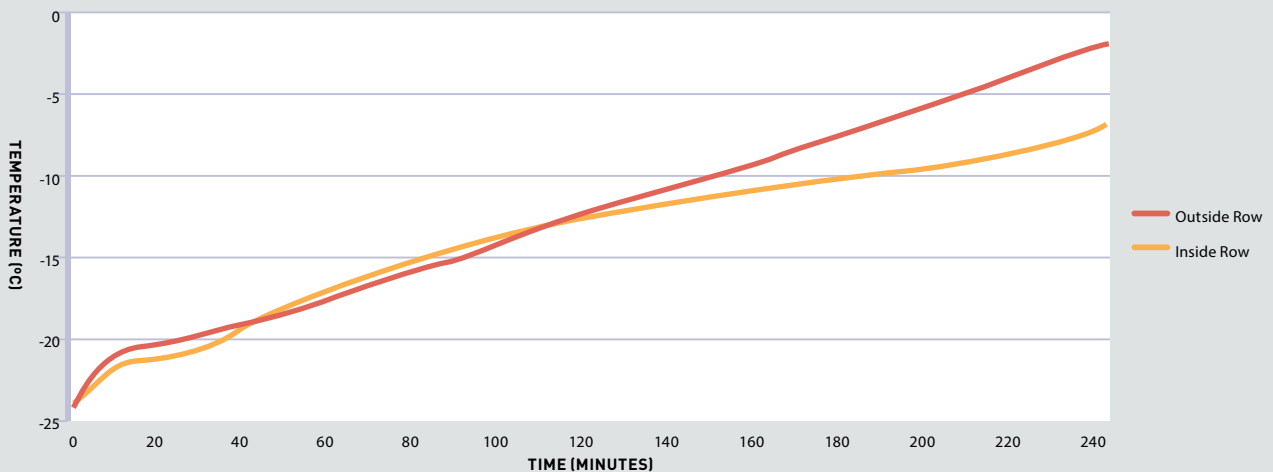


RACKS

IsoFreeze® Flipper® Racks

Item #	Description	Format	Indexing	Tube Types	Dimensions	Color	Packaging
1 5610-43	-20°C	4 rows x 5 columns	1 to 20	0.5, 1.5, or 2.0 ml	108 x 172 x 104mm	blue	1 rack with lid per unit, 4 units per case
2 5610-40	0°C	4 rows x 5 columns	1 to 20	0.5, 1.5, or 2.0 ml	108 x 172 x 104mm	white	1 rack with lid per unit, 4 units per case

Typical Performance -20°C IsoFreeze®



PCR Work Up Racks (Standard & Stacking)

PCR WORKSTATION

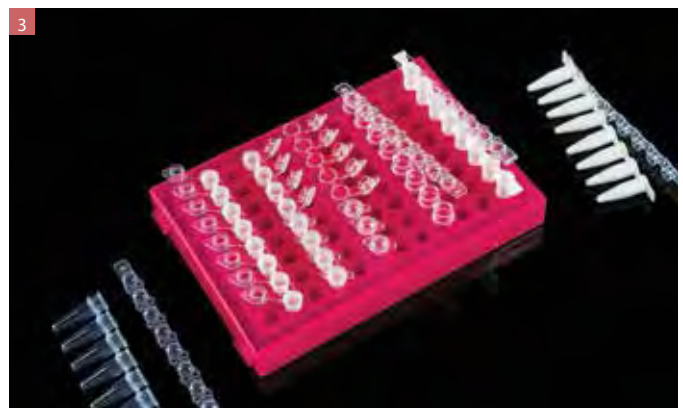
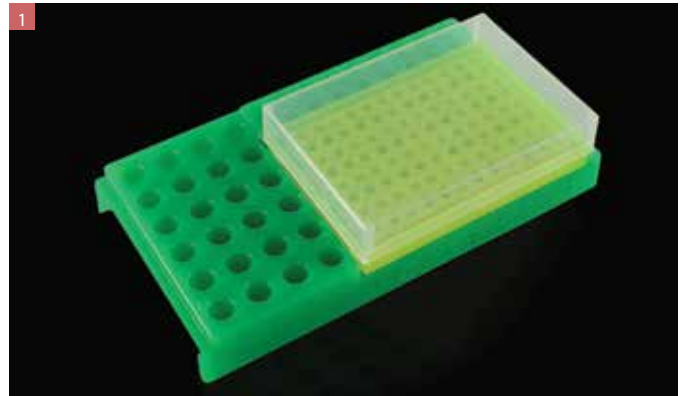
- Workstation holds all commonly used tube sizes.
- (32) individual 0.2 ml tubes.
- (24) 1.5 or 2.0 ml tubes.
- (16) 0.5 ml tubes.
- Ideal platform to satisfy all pre or post PCR sampling applications.
- Molded alphanumeric indexing for fast and accurate identification.

PCR STACKING WORK UP RACKS

- Easy stacking.
- Lid clicks into place.
- Stable work platform.
- Accommodates unskirted, semi-skirted and skirted 96-well PCR plates.
- Accommodates strip PCR tubes.
- Material: Polypropylene, suitable for -90°C to 121°C.
- Operating temp: -80°C min to 121°C max.

96 PLACE WORK UP RACK

- Working storage rack for PCR processing.
- Standard spacing for strip-tubes or plates.
- Snaps into workstation.



PCR Workstation and Standard Work Up Rack

Item #	Description	Dimensions	Colors	Packaging
1 5220-29	PCR work up rack and workstation assembly with lid (Item # 5230-29 clipped into Item # 5210-29)	170 × 110 × 105mm, 78mm without lid	-29 asstd. fluorescent -21 fluorescent blue -22 fluorescent green -23 fluorescent orange -24 fluorescent pink -26 fluorescent yellow	1 assembly with lid per unit, 10 units per case
3 5230-29	96 place workup rack with lid	128 × 87 × 33mm, 128 × 84 × 17mm without lid	-29 asstd. fluorescent	5 racks with lids per unit, 4 units per case

PCR Stacking Work Up Rack

Item #	Description	Rack Capacity	Format	Dimensions	Colors	Packaging
2 5240-09	stacking 96-well PCR work-up rack with lid	(1) 96 well PCR plate or up to (90) 0.2 ml PCR tubes or (12) 8-well strips	8 rows x 12 columns	138 × 98 × 39mm, 30mm without lid	-09 asstd. (1 each of blue, green, yellow, violet and red)	5 racks with lids per unit, 4 units per case



BETASHIELD RACK

- Blocks β -radiation on the bench.
- Minimum wall thickness of 5/16 inch (8mm) for the 8 place and 5/8 inch (16mm) for the 24 place.



FLOATER RACKS

- Molded-in buoys give exceptional stability in a water bath.
- Can be placed in an ice bath.
- The hinged lid container can be used as a mini-ice bath.
- 24 holes for 1.5 or 2.0 ml tubes and 15 holes for 0.5 ml tubes.



BULLET BOXES (FREEZER BOX RACKS)

- Conical based tube positions provide greater support.
- Frosted writing areas.

BetaShield Racks

Item #	Description	Format	Indexing	Well Diameter	Well Depth	Max Tube Capacity	Color	Packaging
1 5000-00	8 place rack with lid	2 rows x 4 columns	1 to 8	11mm	35mm (1.5 ml)	8 x 1.5 or 2.0 ml	-00 clear	1 rack with lid per unit, 10 units per case
5010-00	24 place rack with lid	4 rows x 6 columns	A to D & 1 to 6	8mm & 11mm	24mm (0.6 ml) & 35mm (1.5 ml)	15 x 0.5 ml & 24 x 1.5 or 2.0 ml	-00 clear	1 rack with lid per unit, 6 units per case

Floater Racks

Item #	Description	Max Tube Capacity	Color	Packaging
2 5100-43	24 place rack in container with lid	24 x 1.5 or 2.0 ml or 15 x 0.5 ml	blue	1 rack with lid per unit, 10 units per case

Freezer Box Racks

Item #	Description	Format	Indexing	Max Tube Diameter	Well Depth	Dimensions	Color	Packaging
3 5520-00	50 place rack for 1.5/2.0 ml tubes with lid	5 rows x 10 columns	A to E & 1 to 10	13mm	27mm	146 x 76 x 38mm	-00 clear	5 racks with lids per unit, 4 units per case
5530-00	50 place rack for 0.5 ml tubes with lid	5 rows x 10 columns	A to E & 1 to 10	10mm	34mm	121 x 63 x 38mm	-00 clear	5 racks with lids per unit, 4 units per case

TIPS

SSI



The Peak of Pipetting

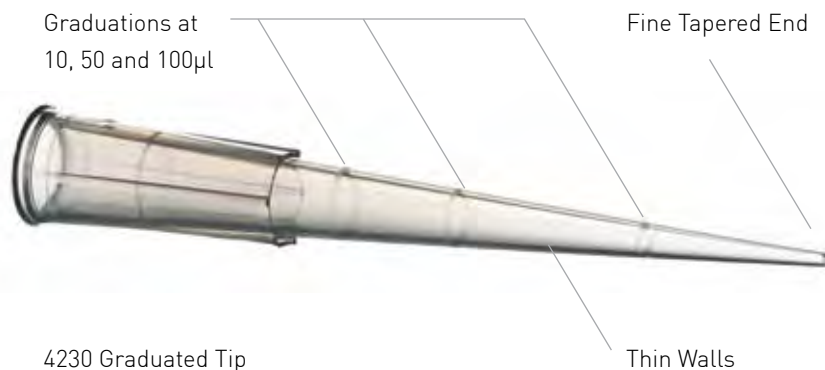
Vertex™ Pipette Tips were created with the belief that when it comes to liquid handling, less is more.

Less Fluid Retention.

Less Sample Loss.

Less Time Spent.

Less Plastic Wasted.





COMPETITORS TIP

VERTEX™ TIP

LOW RETENTION

- All SSI tips are produced to be naturally low retentive. However, our Vertex™ family of tips featuring our specially formulated NoStick® resin offers users an even higher degree of fluid confidence and control. The inner surface of our Vertex™ tip is considerably more hydrophobic than standard industry tips enabling viscous fluids in particular to be dispensed more completely. There is less fluid retention and less sample loss. Vertex™ tips prove that less is more when it comes to liquid handling!

CLEAN LIQUID RELEASE

- Vertex™ tips are purposely designed for a much cleaner liquid release. Less time is spent waiting for the final drop to fall from the end of a tip. Our thinner walls and more finely tapered tip construction will eliminate the need to touch off. Users will maintain complete fluid control working with smaller volumes, and yet will not have to compromise their pipetting accuracy or precision.



Press to Open with One Hand



REFILL SYSTEM

The Vertex™ EcoPac® Refill System provides handy lift-and-load simplicity. Our new system does not require any tools or special instructions to move from an empty insert to a fresh set of 96 tips.

EcoPac® Refill Systems reduce lab waste by 70% and require less shelf space than standard racks.

- Our Vertex™ rack was uniquely designed to be a time saver as it allows for one-hand operation. It offers both ease of use as well as sample security. A simple press on the front of the lid releases it from the rack; otherwise the lid sits securely closed.
- Our Vertex™ EcoPac® products not only save precious time in loading, but also save on storage space and plastic.
- The footprint of our box is friendly for both automation and stacking purposes.
- Vertex™ inserts are imprinted with tip size and lot number data that are visible even when seated inside the rack.
- Tabs on the ends of reload grids are manufactured to the identical height of the box, so as to not interfere with multichannel pipettors.
- Our inserts are produced in a contrasting lime green color, making them easy to identify and to replace.
- Vertex™ EcoPac® racks are robust and designed to withstand multiple autoclave cycles.
- Our Vertex™ rack was designed to elevate the tips relative to the base in order to facilitate offset pipetting. The edge of the rack and insert are out of the way so users can easily load four tips onto a multichannel pipette.



PACKAGING

- We package our Vertex™ EcoPac® Refill Inserts with extra layers of protection to safeguard them from any bumps they may encounter on the way to a lab. This extra PET plastic is made out of the same material as soda bottles and is absolutely recyclable. Our packages of 10 inserts consist of (2) shrink-wrapped bundles of 5 to provide an extra level of security. Our testing has shown that shrink-wrapping 2 smaller groups of parts is advantageous to wrapping 1 larger bundle.

10µl XL TIPS

- The extra length of the XL version allows the user to reach the bottom of many tubes without the shaft of the pipettor entering the tube; thereby avoiding possible cross-contamination from the pipettor shaft.

FILTERED TIPS

- Manufactured from High Density Polyethylene (HDPE).
- Filter acts as a barrier to protect nose cone of pipettor and sample from contamination, but does not impede air flow.
- Filter material is hydrophobic and does not contain additives that can contaminate; nor will it absorb samples.
- Certified RNase, DNase, DNA and PCR inhibitor free.
- Certified non-pyrogenic.
- Sterilized.



TIPS SHOWN IN ACTUAL SIZE

10µl P2/P10

10µl XL

200µl

20µl

100µl

200µl

300µl

UN-FILTERED FILTERED

UN-FILTERED FILTERED

UN-FILTERED FILTERED

UN-FILTERED FILTERED



Racked Tips



EcoPac® Refills



Bulk Bag

The Peak of Pipetting

10 µL P2/P10 Graduated Tips - Graduations at 2 and 10 µL, Natural

Item #	Description	Packaging
1 4110N00S	gilson-fit, bulk	1000 per unit, 10 units per case
4117N00S	racked	10 per unit, 5 units per case
4117NS0S	racked, sterile	10 per unit, 5 units per case
4118N00S	EcoPac® PET Clean-Room Packaging	10 refill inserts per unit, 10 units per case
4115N00S	EcoPac® Paperboard	10 refill inserts per unit, 10 units per case
4117NSFS	10 µL, racked, sterile, filtered	10 per unit, 5 units per case
4118NSFS	10 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case

10 µL XL Graduated Tips - Graduations at 2 and 10 µL, Natural

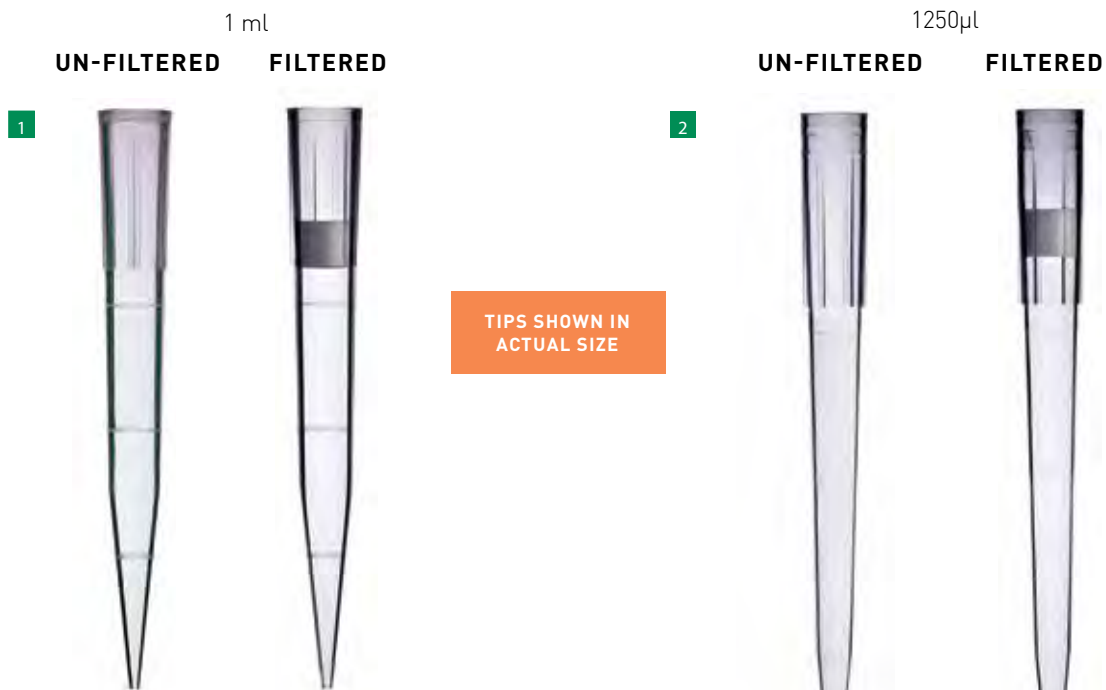
Item #	Description	Packaging
2 4130N00S	bulk	1000 per unit, 10 units per case
4137N00S	racked	10 per unit, 5 units per case
4137NS0S	racked, sterile	10 per unit, 5 units per case
4138N00S	EcoPac® PET Clean-Room Packaging	10 refill inserts per unit, 10 units per case
4135N00S	EcoPac® Paperboard	10 refill inserts per unit, 10 units per case
4137NSFS	10 µL, racked, sterile, filtered	10 per unit, 5 units per case
4138NSFS	10 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case

200 µL Graduated Tips - Graduations at 10, 50 and 100 µL, Natural

Item #	Description	Packaging
3 4230N00S	bulk	1000 per unit, 20 units per case
4237N00S	racked	10 per unit, 5 units per case
4237NS0S	racked, sterile	10 per unit, 5 units per case
4238N00S	EcoPac® PET Clean-Room Packaging	10 refill inserts per unit, 10 units per case
4235N00S	EcoPac® Paperboard	10 refill inserts per unit, 10 units per case
4 4237NAFS	20 µL, racked, sterile, filtered	10 per unit, 5 units per case
5 4237NBFS	100 µL, racked, sterile, filtered	10 per unit, 5 units per case
6 4237NSFS	200 µL, racked, sterile, filtered	10 per unit, 5 units per case
4238NAFS	20 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case
4238NBFS	100 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case
4238NSFS	200 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case

300 µL Graduated Tips - Graduations at 10, 50, 100 and 200 µL, Natural

Item #	Description	Packaging
7 4920N00S	bulk	1000 per unit, 10 units per case
4927N00S	racked	10 per unit, 5 units per case
4927NS0S	racked, sterile	10 per unit, 5 units per case
4928N00S	EcoPac® PET Clean-Room Packaging	10 refill inserts per unit, 10 units per case
4925N00S	EcoPac® Paperboard	10 refill inserts per unit, 10 units per case
4927NSFS	300 µL, racked, sterile, filtered	10 per unit, 5 units per case
4928NSFS	300 µL, sterile, EcoPac®, filtered	2 refill inserts per unit, 25 units per case



1 ml Graduated Tips - Graduations at 100 and 500µl and 1 ml, Natural

Item #	Description	Packaging
1 4330N00S	bulk	1000 per unit, 10 units per case
4337N00S	racked	10 per unit, 5 units per case
4337NS0S	racked, sterile	10 per unit, 5 units per case
4337NSFS	1 ml, racked, sterile, filtered	10 per unit, 5 units per case
4338NSFS	1 ml, sterile, EcoPac®, filtered	2 refill inserts per unit, 15 units per case

1250µl Graduated Tips - Graduations at 100 and 500µl and 1 ml, Natural

Item #	Description	Packaging
2 4340N00S	bulk	1000 per unit, 10 units per case
4347N00S	racked	10 per unit, 5 units per case
4347NS0S	racked, sterile	10 per unit, 5 units per case
4348N00S	EcoPac®	10 refill inserts per unit, 5 units per case
4347NSFS	1250µl, racked, sterile, filtered	10 per unit, 5 units per case
4348NSFS	1250µl, sterile, EcoPac®, filtered	2 refill inserts per unit, 15 units per case

Standard Pipette Tips

The following tips are not manufactured using our specially formulated NoStick® resin but are suitable for applications which do not require such rigorous low retention properties.



TIPS SHOWN IN ACTUAL SIZE

TIPS

Item #	Size	Description	Color	Packaging
1 4110-00S	10µl	Gilson-fit, bulk	natural	1000 per unit, 10 units per case
2 4130-00S	10µl XL	bulk	natural	1000 per unit, 10 units per case
3 4220-00S	200µl	beveled end, bulk	natural	1000 per unit, 20 units per case
4 4220-06S	200µl	beveled end, bulk	yellow	1000 per unit, 20 units per case
4227-00S	200µl	beveled end, racked	natural	10 per unit, 5 units per case
4227-06S	200µl	beveled end, racked	yellow	10 per unit, 5 units per case
4227-S0S	200µl	beveled end, racked, sterile	natural	10 per unit, 5 units per case
4227-S6S	200µl	beveled end, racked, sterile	yellow	10 per unit, 5 units per case
4228-00S	200µl	beveled end, EcoPac®	natural	10 refill inserts per unit, 10 units per case
4228-06S	200µl	beveled end, EcoPac®	yellow	10 refill inserts per unit, 10 units per case
5 4280N00S	200µl XL	bulk	natural	1000 per unit, 10 units per case
4287N00S	200µl XL	racked	natural	2 per unit, 5 units per case
4287NS0S	200µl XL	racked, sterile	natural	2 per unit, 5 units per case
4287NSFS	200µl XL	racked, sterile, filtered	natural	2 per unit, 5 units per case
4290-00S	200µl	large orifice, bulk	natural	1000 per unit, 10 units per case
4297-00S	200µl	large orifice, racked	natural	10 per unit, 5 units per case
4297-S0S	200µl	large orifice, racked, sterile	natural	10 per unit, 5 units per case
4330-01S	1 ml	bulk	blue	1000 per unit, 10 units per case
4337-01S	1 ml	racked	blue	10 per unit, 5 units per case
4337-S1S	1 ml	racked, sterile	blue	10 per unit, 5 units per case
4390-00S	1 ml	large orifice, bulk	natural	1000 per unit, 10 units per case
4397-00S	1 ml	large orifice, racked	natural	10 per unit, 5 units per case
4397-S0S	1 ml	large orifice, racked, sterile	natural	10 per unit, 5 units per case

Pipette Tip Compatibility Chart

PIPETTE TIP COMPATIBILITY CHART

- Vertex™ Pipette Tips are certified to be consistent in form and function.
- This chart is based on our own internal research and is subject to change.
- The best way to test tip compatibility is to try our Vertex™ tips on your pipettes.



TIPS

Brand	Model	Volume Range	Channels	4110 0.1-10µl	4130 0.5-10µl	4220 200µl	4230 200µl	4920 300µl	4330 1 ml	4340 1250µl
Sartorius	mline	0.1-3µl, 0.5-10µl	1	•	•					
Sartorius	mline	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Sartorius	mline	100-1000µl	1						•	•
Sartorius	mline	0.5-10µl	8/12	•	•					
Sartorius	mline	5-100µl	8/12			•	•	•		
Sartorius	mline	30-300µl	8/12					•		
Sartorius	Proline	0.1-2.5µl, 0.5-10µl	1	•	•					
Sartorius	Proline	2-20µl, 5-50µl, 10-100µl, 20-200µl	1			•	•	•		
Sartorius	Proline	100-1000µl	1						•	•
Sartorius	Proline	0.5-10µl	8/12	•	•					
Sartorius	Proline	5-50µl	8/12			•	•	•		
Sartorius	Proline	50-300µl	8/12					•		
BrandTech	Transferpette	0.1-1µl, 0.5-10µl	1	•	•					
BrandTech	Transferpette	2-20µl micro	1		•					
BrandTech	Transferpette	2-20µl, 5-50µl, 10-100µl, 20-200µl	1			•	•	•		
BrandTech	Transferpette	100-1000µl	1						•	•
BrandTech	Transferpette	0.5-10µl	8/12	•	•					
BrandTech	Transferpette	2-20µl	8/12		•					
BrandTech	Transferpette	2.5-25µl, 5-50µl, 10-100µl, 20-200µl	8/12			•	•	•		
BrandTech	Transferpette	30-300µl	8/12					•		
BrandTech	Transferpette S	0.1-1µl, 0.1-2.5µl, 0.5-10µl	1	•	•					
BrandTech	Transferpette S	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
BrandTech	Transferpette S	100-1000µl	1						•	•
BrandTech	Transferpette S	0.5-10µl	8/12	•	•					
BrandTech	Transferpette S	5-50µl, 10-100µl, 20-200µl	8/12			•	•	•		
BrandTech	Transferpette S	30-300µl	8/12					•		
Eppendorf	Research Plus	0.1-2.5µl, 0.5-10µl	1	•	•					
Eppendorf	Research Plus	2-20µl micro	1		•					
Eppendorf	Research Plus	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Eppendorf	Research Plus	30-300µl	1					•		
Eppendorf	Research Plus	100-1000µl	1						•	•
Eppendorf	Research Plus	0.5-10µl	8/12	•	•					

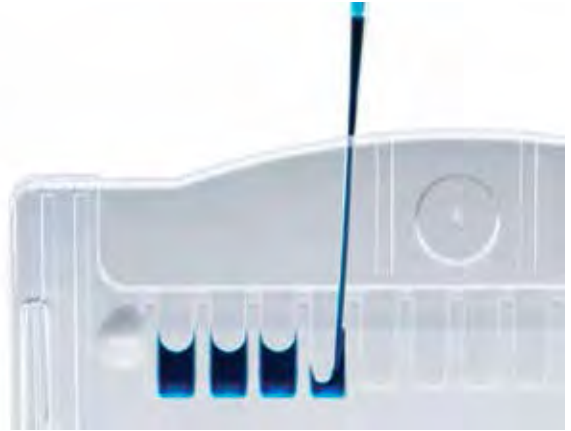
Pipette Tip Compatibility Chart

Brand	Model	Volume Range	Channels	4110 0.1-10µl	4130 0.5-10µl	4220 200µl	4230 200µl	4920 300µl	4330 1 ml	4340 1250µl
Eppendorf	Research Plus	10-100µl	8/12			•	•	•		
Eppendorf	Research Plus	30-300µl	8/12					•		
Eppendorf	Reference	0.1-2.5ul, 0.5-10µl	1	•	•					
Eppendorf	Reference	2-20µl micro	1		•					
Eppendorf	Reference	2-20µl, 10-100µl, 50-200µl	1			•	•	•		
Eppendorf	Reference	100-1000µl	1						•	•
Thermo/Finn	Finnpette 4500	0.2-2µl, micro, 0.5-5µl, micro	1	•	•					
Thermo/Finn	Finnpette 4500	0.5-5µl, 2-20µl, 5-50µl, 10-100µl, 20-200µl	1			•	•	•		
Thermo/Finn	Finnpette 4500	100-1000µl	1						•	•
Thermo/Finn	Finnpette 4500	0.5-10µl	8/12	•	•					
Thermo/Finn	Finnpette 4500	5-50µl	8/12			•	•	•		
Thermo/Finn	Finnpette 4500	50-300µl	8/12					•		
Gilson	Pipetman Classic, G, L: P2	0.2-2ul, 1-10ul	1	•	•					
Gilson	Pipetman Classic, G, L: P20	2-20ul, 20-100ul, 50-200ul	1			•	•	•		
Gilson	Pipetman Classic, G, L: P1000	200-1000ul	1						•	•
Gilson	Pipetman P10L	0.5-10µl, 2-20µl, 20-200µl	8/12			•	•	•		
Gilson	Pipetman P300L	20-300µl	8/12					•		
Nichiryo	Nichipet Premium, EX, EX Plus	0.1-2µl	1	•	•					
Nichiryo	Nichipet Premium, EX, EX Plus	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Nichiryo	Nichipet Premium, EX, EX Plus	100-1000µl	1						•	•
Nichiryo	Nichipet 7000	0.5-10µl	8/12	•	•					
Nichiryo	Nichipet 7000	5-50µl, 40-200µl	8/12			•	•	•		
Nichiryo	Nichipet 7000	50-300µl	8/12					•		
Rainin	Pipet-Lite SL-2XLS	0.1-2µl, 0.5-10µl	1	•	•					
Rainin	Pipet-Lite SL-20XLS	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Rainin	Pipet-Lite SL-300XLS	20-300µl	1					•		
Rainin	Pipet-Lite SL-1000XLS	100-1000µl	1						•	•
Rainin	Classic PR-2	0.1-2µl, 0.5-10µl	1	•	•					
Rainin	Classic PR-20	2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Rainin	Classic PR-1000	100-1000µl	1						•	•
Socorex	Calibra® 822	0.2-2µl, 1-10µl micro	1	•	•					
Socorex	Calibra® 822	1-10µl, 2-20µl, 10-100µl, 20-200µl	1			•	•	•		
Socorex	Calibra® 822	100-1000µl	1						•	•
Socorex	Calibra® 852	1-10µl	8	•	•					
Socorex	Calibra® 852	10-100µl, 20-200µl	8/12			•	•	•		
Socorex	Acura 825	0.1-2µl, 0.5-10µl	1	•	•					
Socorex	Acura 825	1-10µl, 2-20µl, 5-50µl, 10-100µl, 20-200µl	1			•	•	•		
Socorex	Acura 825	100-1000µl	1						•	•
Socorex	Acura 855	0.5-10µl	8/12	•	•					
Socorex	Acura 855	5-50µl, 20-200µl	8/12			•	•	•		
Socorex	Acura 855	40-350µl	8/12					•		

TIPS

FEATURES

- Available in round and flat tip options to address user preference.
- Compatible with most standard research pipettors.
- Low-binding resin reduces protein loss and maximizes sample delivery.
- Multichannel-friendly with standard 96 tip arrangement.
- Sterile options available.



TIPS SHOWN IN ACTUAL SIZE



Gel Loading Tips				
Item #	Volume	Orifice Shape	Outer Thickness	Packaging
1 4817-00S	10µl	Round	0.57 mm	2 racks per unit, 5 units per case
2 4817-0AS	10µl	Flat	0.37 mm	2 racks per unit, 5 units per case
4817-0BS	10µl	Flat	0.17 mm	2 racks per unit, 5 units per case
3 4837-00S	200µl	Round	0.57 mm	2 racks per unit, 5 units per case
4 4837-0AS	200µl	Flat	0.37 mm	2 racks per unit, 5 units per case
4837-0BS	200µl	Flat	0.17 mm	2 racks per unit, 5 units per case

5 ml & 10 ml Filter Tips

FEATURES

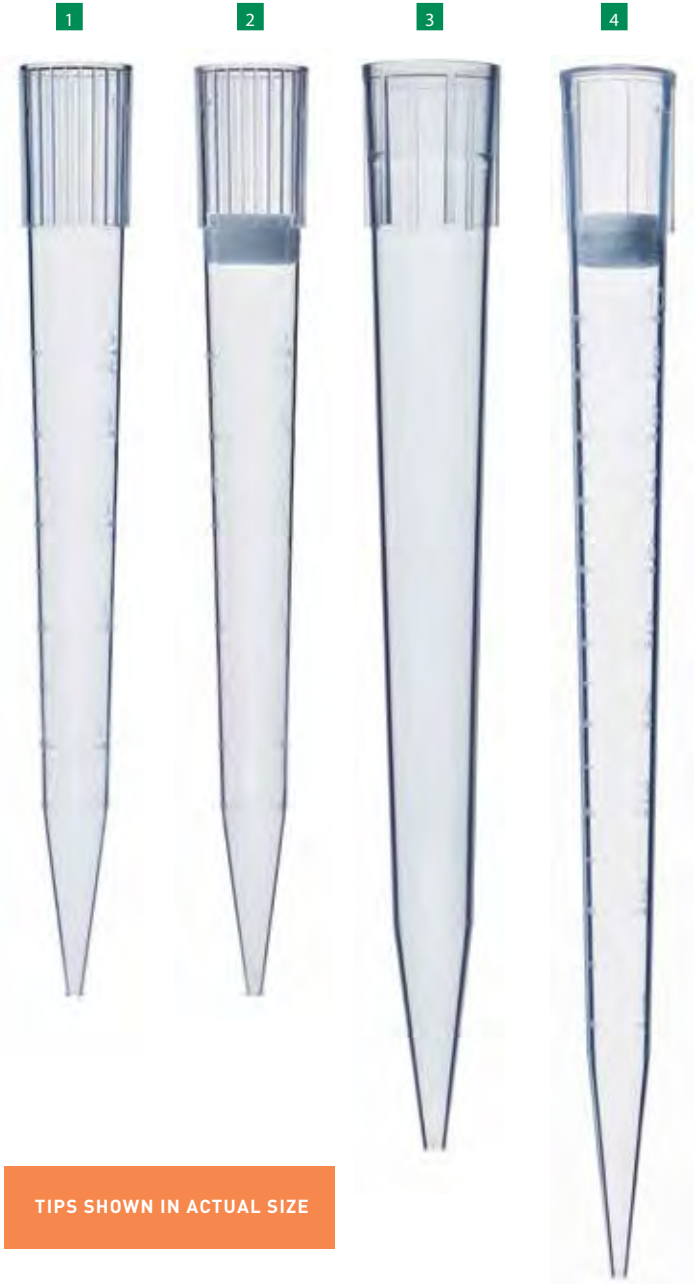
- High Precision Macro Tips.
- Available in Bulk, Autoclavable Racks and Sterile.
- Offered Filtered and Un-Filtered.
- 5 and 10 ml tips allow for convenient access into bottles, cell culture flasks and tubes.
- More accurate than serological pipettes when measuring large volumes of solution.

5 ml Tips, Natural

Item #	Description	Packaging
4410-00	Gilson-fit, bulk	250 per unit, 10 units per case
1 4420-00	Eppendorf-fit, bulk	250 per unit, 10 units per case
4411-00	Gilson-fit, racked	50 per unit, 10 units per case
4421-00	Eppendorf-fit, racked	50 per unit, 10 units per case
4411-S0	Gilson-fit, racked, sterile	50 per unit, 10 units per case
4421-S0	Eppendorf-fit, racked, sterile	50 per unit, 10 units per case
4411-SF	Gilson-fit, racked, sterile, filtered	50 per unit, 10 units per case
2 4421-SF	Eppendorf-fit, racked, sterile, filtered	50 per unit, 10 units per case

10 ml Tips, Natural

Item #	Description	Color	Packaging
3 4520-01	bulk	blue	200 per unit, 5 units per case
4530-00	Gilson-fit, bulk	natural	200 per unit, 5 units per case
5 4521-01	racked	blue	25 per unit, 10 units per case
4531-00	Gilson-fit, racked	natural	25 per unit, 10 units per case
4521-S1	racked, sterile	blue	25 per unit, 10 units per case
4531-S0	Gilson-fit, racked, sterile	natural	25 per unit, 10 units per case
4 4531-SF	Gilson-fit, racked, sterile, filtered	natural	25 per unit, 10 units per case



TIPS



FX Robotic Tips

FEATURES

- Standard racked tips for Biomek® FX and 3000 Systems.
- Tips fit all Biomek® systems with the AP96 head and feature Span-8 compatibility
- No changes necessary—use existing tip definitions.
- Lot by lot functional Q.A.
- Sturdy, non-bow racks.
- Certified DNase, RNase, DNA & PCR-inhibitor free.
- Sterile tips certified pyrogen/endotoxin free.



TIPS

20uL Tips = Blue Rack

Item #	Sterile Item #	Sterile Filtered Item #	Nominal Volume	Tip Definition	Maximum Volume	Tips Per Rack	Packaging
1 4612-00	4612-S0	4612-SF	20uL	use AP96 P20	75uL	96	10 per unit, 5 units per case

50uL Tips = Orange Rack

Item #	Sterile Item #	Sterile Filtered Item #	Nominal Volume	Tip Definition	Maximum Volume	Tips Per Rack	Packaging
2 4632-00	4632-S0	4632-SF	50uL	use AP96 P200	50uL	96	10 per unit, 5 units per case

250uL Tips = Green Rack

Item #	Sterile Item #	Sterile Filtered Item #	Nominal Volume	Tip Definition	Maximum Volume	Tips Per Rack	Packaging
3 4622-00	4622-S0	4622-SF	250uL, 175uL for Item #4622-SF	use AP96 P200	250uL, 175uL for Item #4622-SF	96	10 per unit, 5 units per case

AP384 P30 Tips = White Rack

Item #	Sterile Item #	Sterile Filtered Item #	Nominal Volume	Tip Definition	Maximum Volume	Tips Per Rack	Packaging
4 4672-00	4672-S0	n/a	30uL	use AP384 P30	30uL	384	10 per unit, 5 units per case

EcoPac® Tip Refill & Reload For FX

FEATURES

ECOPAC® SYSTEM FOR BIOMEK® FX

- Space saving stacks.
- Convenient racking.
- Refill your racks with P20 or P200 tips in seconds.
- Compatible with instruments fitted with and using the AP96 liquid handling head including Biomek® FX.
- Eco-friendly racked tip Refill and Reload system.
- Easy locate tabs on refill layers for fast tip racking.
- Lot by lot functional testing on Biomek® FX-assured performance.
- Seamless tip definitions.
- No programming or software changes required. Select the correct volume tip from your installed software for trouble-free transition and no down time.



TIPS



EcoPac® System 96 Place FX Racks

Item #	Sterile Item #	Description	Software Designation	Nominal Volume	Maximum Volume	Recommended Maximum Volume	Packaging
4614-00	4614-S0	refillable rack	P20	20µL	75µL	70µL	10 per unit, 5 units per case
4615-00	4615-S0	refill stack	P20	20µL	75µL	70µL	10 refills per unit, 5 units per case
4624-00	4624-S0	refillable rack	P200	250µL	250µL	250µL	10 per unit, 5 units per case
4625-00	4625-S0	refill stack	P200	250µL	250µL	250µL	10 refills per unit, 5 units per case

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Pipette Tips

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