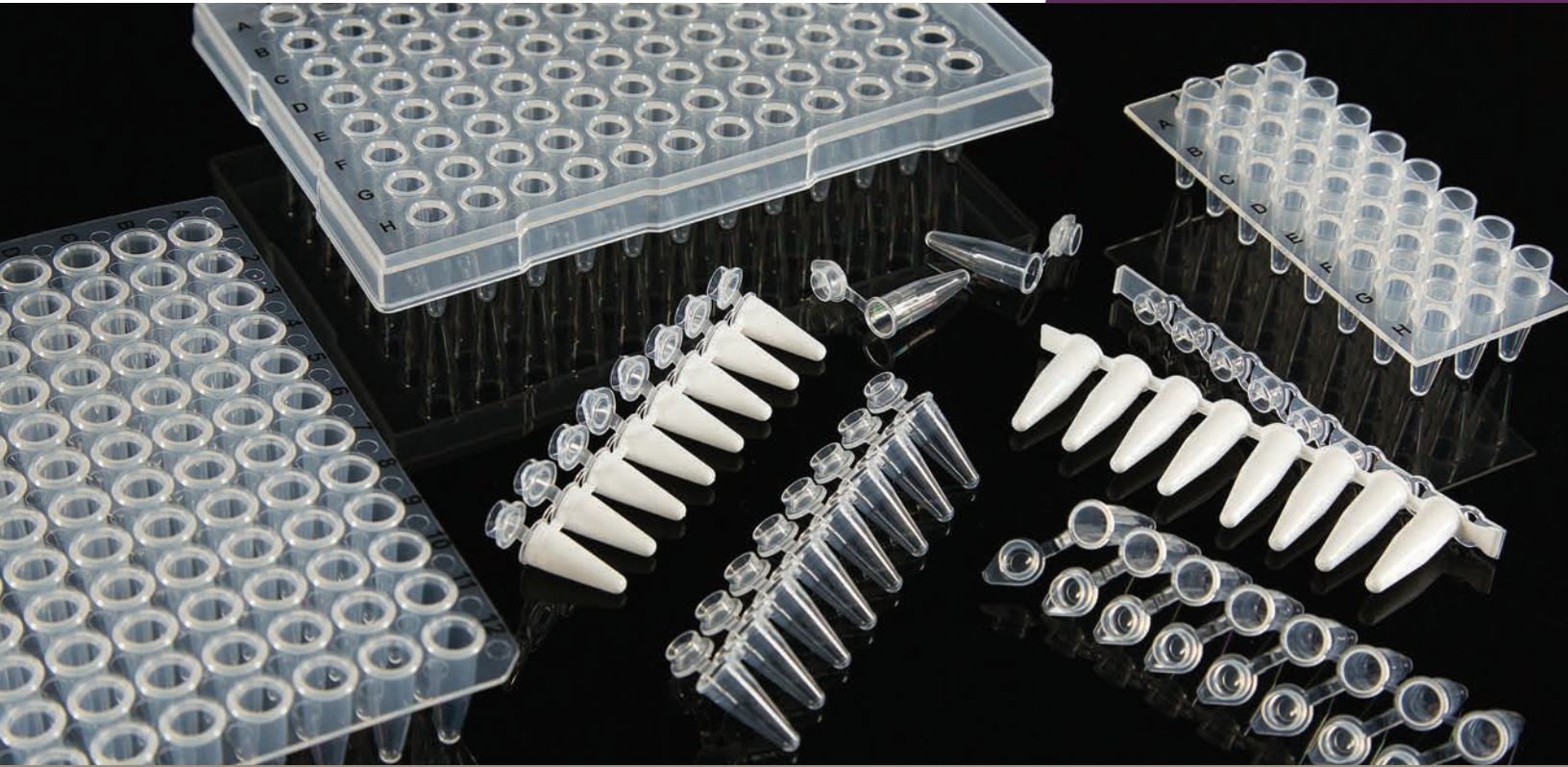
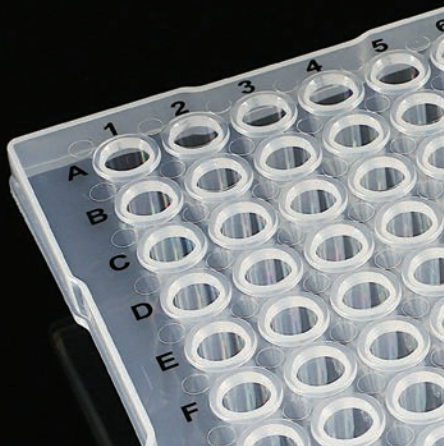


UltraFlux[®]

ssibio.com



Versatile and Unique PCR Products



Made in the USA

SSI
Innovations for Life Science



Innovations for Life Science



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

SSI 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.

SSI-Scientific Specialties, Inc.
1310 Thurman Street
Lodi, CA 95240

ssibio.com



MADE IN THE USA

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

PCR PRODUCTS

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.

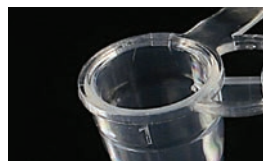
ULTRA THIN WALLS

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

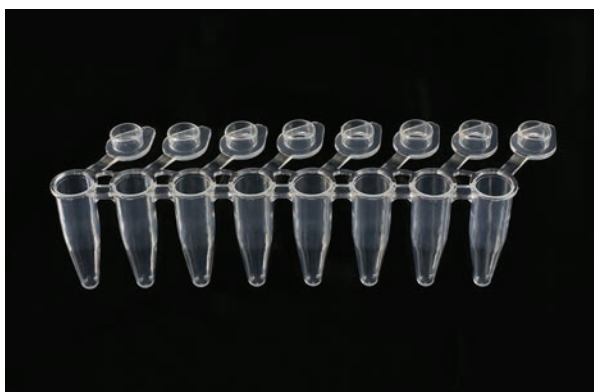
UltraFlux®



PCR Tubes

pg 5

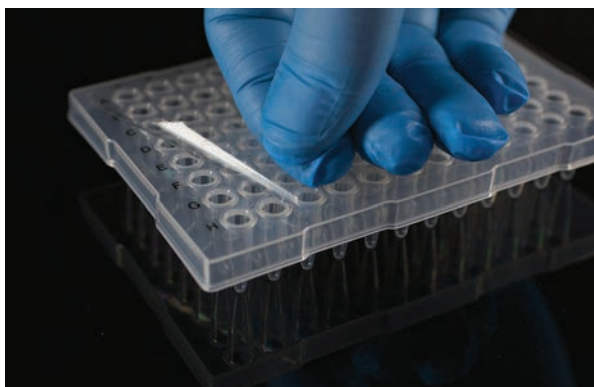
- A wide selection for any experimental need.
- Uniform ultra thin walls for maximum yield.



PCR Strips

pg 6

- Optically clear caps.
- Innovative angular cap attachment.



PCR Sealing Film

pg 8

- Multiple sealing options.
- Economical and easy to use.



PCR Plates

pg 10

- Easy to read alphanumeric grids.
- Comprehensive thermal cycler compatibility.



CHART-GALLERY



FEATURES AND DETAILS

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

To order colored tubes

replace
-00

with

color #
-05

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

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



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®

- 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

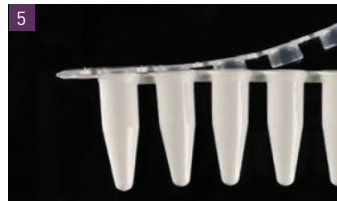
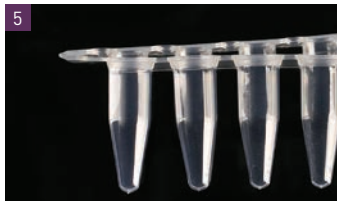
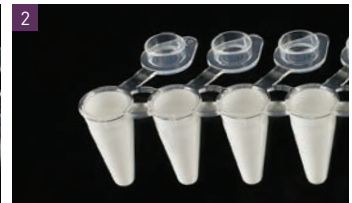
- Strips of hinged attached caps enable quicker liquid handling and more efficient scale up.
- Optically clear caps for real-time PCR (qPCR).
- Uniform thin walls.

To order colored tubes or caps

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

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

CHART-GALLERY



UltraFlux® i

Item #	Tube Size	Strip Description	Tube Colors	Cap Description	Packaging
1 3247-00	0.2mL 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	0.1mL 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	0.2mL standard	strips of 8	-00 clear only	dome, clear	120 strips per unit, 10 units per case
4 3245-00	0.2mL 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	0.2mL 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

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
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
3105-00	flat	strips of 8	-00 clear	125 strips per unit, 10 units per case
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
6 3188-00	0.1mL	4 tube strip and 4 cap strip	-00 clear	250 strips per unit, 10 units per case



SSI FILMS ARE EASY TO USE AND ARE ECONOMICAL SOLUTIONS FOR SEALING PCR PLATES.

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

- 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. Seal when you are ready, not before!

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.

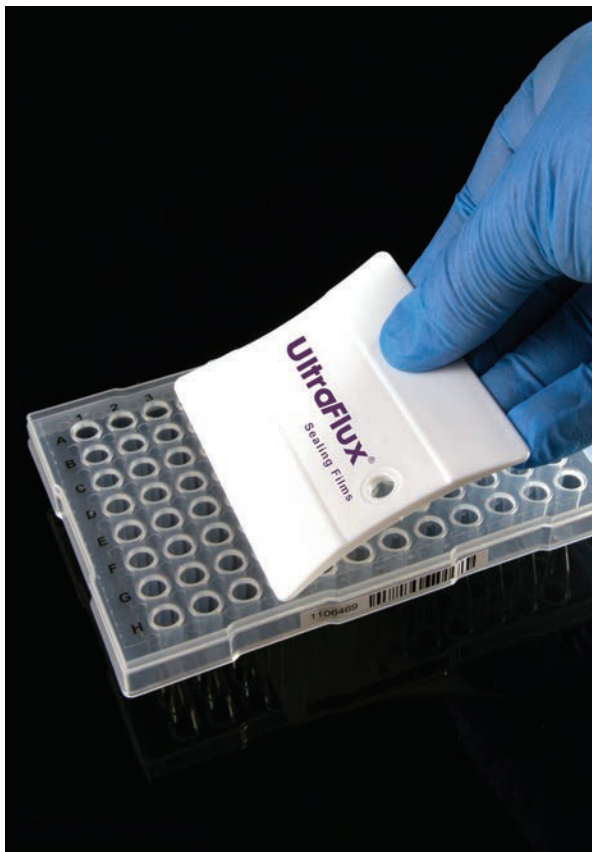
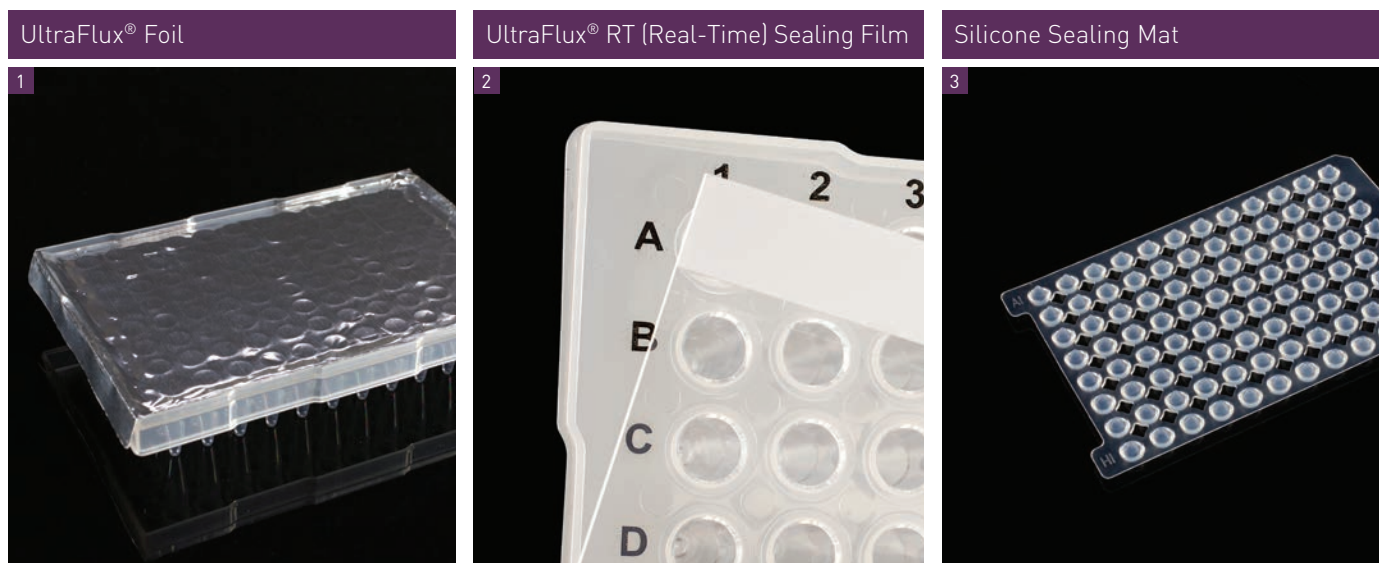


CHART-GALLERY



PCR Sealing Films

Item #	Seal Type	Material	Dimensions	Packaging
1 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
2 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
3 3510-00	96 well sealing mat	silicone	total length of 4.67" total width of 2.90"	5 per unit, 10 units per case

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	

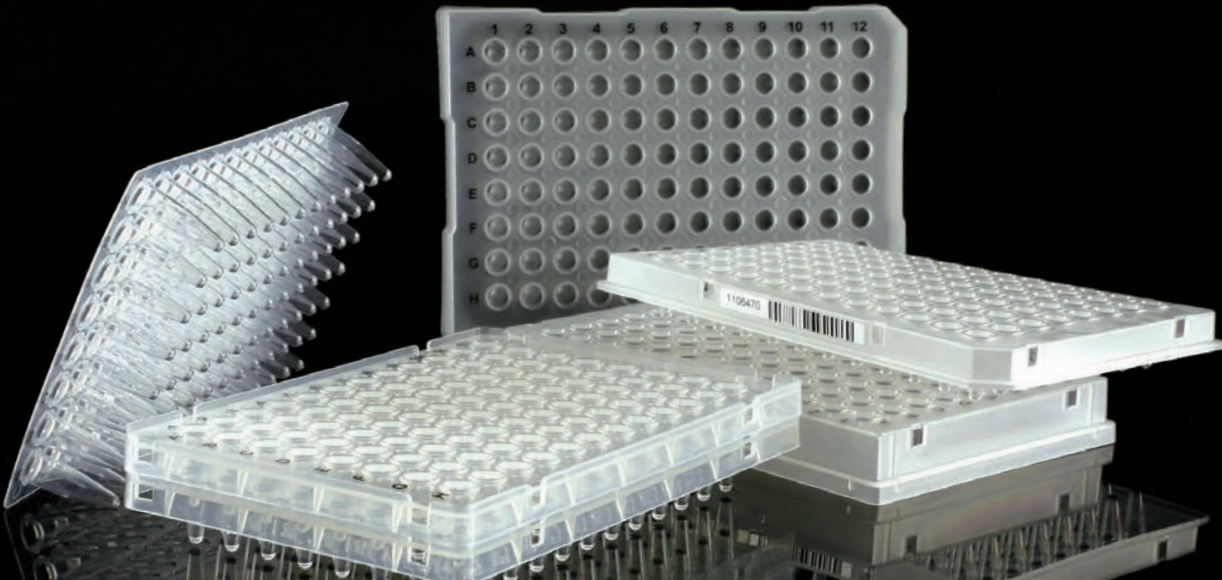
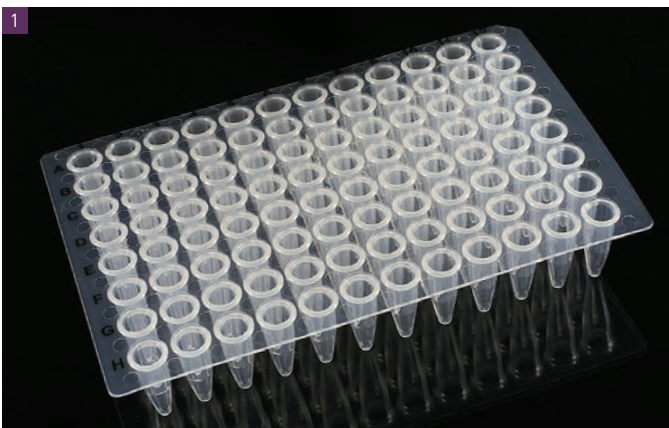


CHART-GALLERY

Available in 24, 48, 96 or 384-well formats

Unskirted PCR Plates



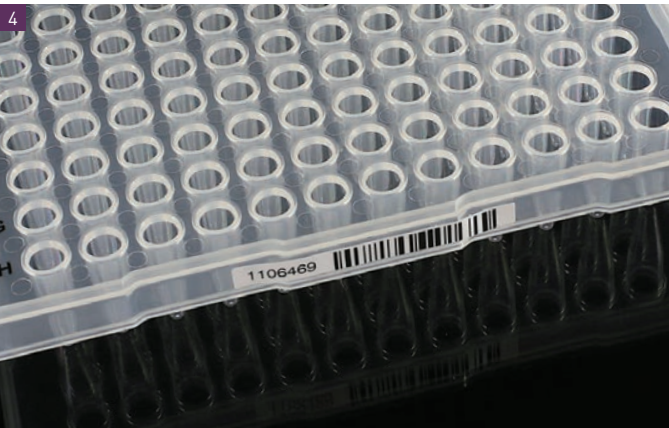
Semi-Skirted PCR Plates



Full-Skirted PCR Plates



Bar-coding available on some plates



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.

To order colored plates

replace
-00

▶

color #
-40

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

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

Item #	Bar-Coded Plate Item#	Number of 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

Item #	Bar-Coded Plate Item#	Number of Wells	Well Type	Cut Corner	Plate Color	Packaging
2 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	A12	-40 white	10 per unit, 10 units per case
4 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
3455-00	3455T00	96	low profile, LightCycler® type	H12	-00 clear, -40 white	10 per unit, 10 units per case

Full-Skirted PCR Plates

Item #	Bar-Coded Plate Item#	Number of Wells	Well Type	Cut Corner	Plate Color	Packaging
3 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	-00 clear, -40 white	10 per unit, 10 units per case
3435-00	3435T00	384	one notch type	A24	-00 clear, -40 white	10 per unit, 10 units per case

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	
	Standard well (Overall height approx. 21mm, max. capacity > 350µL)		•		•	•		•		•					
	Low profile well (Overall height approx. 16mm, max. capacity approx. 200µL)			•			•		•		•	•	50µL	50µL	
		Thermal cycler model													
Applied Biosystems	Thermal Cyclers	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								▲					
		ViiA 7						▲	▲					•	
Quant Studio 12K Flex							•	•					•		
Sequencers	PRISM 310	•	•	•		•	▲	▲	▲						
	PRISM 3100	•	•	•		▲	▲	•				▲			
	3130 (XL)	•	•	•		▲	▲	▲				▲			
	3700	•	•	•		▲	▲	▲				▲			
	PRISM 3730 (XL)	•	•	•		▲	▲	▲				▲			
	3500 (XL)						•	•					•		
Bio-Rad/MJ Research	Thermal Cyclers	Gene Cyclers	•	•	•			•							
		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	Sequencers	BaseStation											•		
		Mastercycler	•	•	•					•		•			
	Thermal Cyclers	Mastercycler ep Gradient	•	•	•			•		•		▲			
		Mastercycler M384												•	•
		Mastercycler Nexus	•	•							•		•		
		Mastercycler Nexus Gradient	•	•							•		▲		
		Mastercycler Nexus Eco	•	•							•		•		
		Mastercycler Pro	•								•		•	•	•
Real time Thermal Cyclers	Mastercycler ep Realplex	•		•				•	•		▲				

▲ = Optimal Fit

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

Manufacturer	Well Shape		3400	3401	3410	3420	3421	3425	3426	3450	3455	3441	3435	3430
			unskirted	unskirted	chimney top	semi skirted	semi skirted	semi skirt (raised edge)	semi-skirted	semi skirted	semi skirted	skirted	384-well	384-well
	Standard well (Overall height approx. 21mm, max. capacity > 350µL)		•		•	•		•		•				
	Low profile well (Overall height approx. 16mm, max. capacity approx. 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	•	•									•	•
Real Time Thermal Cyclers	Toptical	•	•								•	•		
Corbett Research	Thermal Cyclers	PalmCycler 96								•		•		
		PalmCycler 384											•	
Ericom	Thermal Cyclers	Power Block I	•	•	•	•	•	•						
		Deltacycler I	•	•	•					•				
		Deltacycler II	•	•	•	•	•	•						
		Single Block	•	•	•					•				
Esco	Thermal Cyclers	Swift	•		•					•			•	
		Gene	•		•					•		•	•	
		Genius	•		•					•		•		
G-Storm	Thermal Cyclers	GS1	•	•	•	•	•	•		•				
		GS2	•	•	•	•	•	•		•				
		GS4	•	•	•	•	•	•		•				
		GSX	•	•	•	•	•	•		•				
MWG	Thermal Cyclers	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	•	•					•		•		•	•
Real Time Thermal Cyclers	Quantica		•								•			
Thermo Hybaid	Thermal Cyclers	PCR Sprint	•	•	•	•	•	•		•		•		
		MBS Satellite (Multiblock) System	•	•	•	•	•	•		•		•	•	
		Px2 and PxE	•	•	•	•	•	•		•		•	•	
		PCR Express and Omni-E	•	•	•	•	•	•		•		•	•	
		Touchdown	•	•	•	•	•	•		•		•	•	
Real Time Thermal Cyclers	OmniGene	•	•	•	•	•	•		•		•	•		
Transgenomic	Sequencers	WAVE System										•		
Roche	Real Time Thermal Cyclers	LightCycler 96									•		•	
		LightCycler 480									•		•	

UltraFlux[®]



Innovations for Life Science

www.ssibio.com



SSI-Scientific Specialties, Inc.
1310 Thurman Street
Lodi, CA 95240



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