

LIQUID HANDLING TECHNOLOGY

*Products for
the Laboratory
2012 – 2013*



Pipette Tips, Robotic Tips, Pipettes,
Consumables, Sample Storage,
Equipment, Protection.

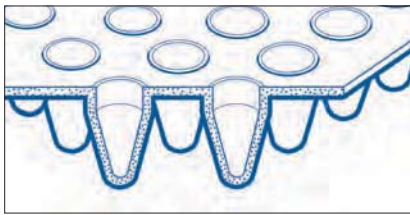


Non-Skirted PCR Plates



Non-Skirted PCR Plates

- Low profile and standard height
- Opaque black or white available for qPCR
- Non-skirted plates for a universal fit, suitable use in for most thermal cyclers
- Convenient, small pack sizes
- Certified RNase, DNase, DNA, PCR Inhibitor and Endotoxin free



Sealing Options:

All PCR Plates on this page can be sealed with the designated **Sealing Mat** listed in the ordering table for each plate, the **PCR Strip Caps** (page 59), or the **Plate Seals** suitable for PCR (page 71). For an overview of all PCR Plate Sealing Options, see page 68.

Plate Capacities:

Approximate maximum capacity for all 96-well plates is 350 µl for standard height plates, or 200 µl for low-profile plates.

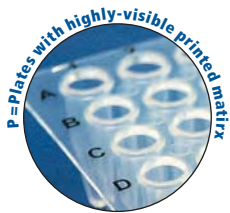
Non-Skirted PCR Plates					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
Low-Profile					
E1403-0200	96-Well PCR Plate, Non-Skirted, Low Profile	H12	P	Natural	20
E1403-0208	96-Well PCR Plate, Non-Skirted, Low Profile	H12	P	Black	20
E1403-0209	96-Well PCR Plate, Non-Skirted, Low Profile	H12	P	White	20
Standard Height					
E1403-1200	96-Well PCR Plate, Non-Skirted	A12	P	Natural	10
E1403-1200-C	96-Well PCR Plate, Non-Skirted	A12	P	Natural	10 x 10
E1403-1208	96-Well PCR Plate, Non-Skirted	A12	P	Black	10
E1403-1209	96-Well PCR Plate, Non-Skirted	A12	P	White	10
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)			Natural	5



New! Cuttable PCR Plate

Standard height, non-skirted PCR plate. This plate is more pliable than the non-skirted plates listed above, and can easily be cut into any desired configuration, with normal scissors.

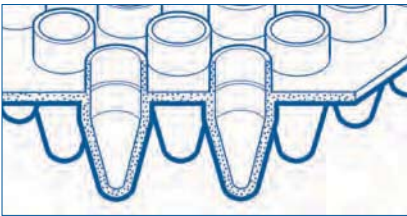
Non-Skirted PCR Plate (Cuttable)					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
Standard Height					
E1403-0100	96-Well PCR Plate, Non-Skirted (Cuttable)	A12	P	Natural	10
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)			Natural	5



Non-Skirted PCR Plates



Non-Skirted PCR Plates with Elevated Wells					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
E1403-2200	96-Well PCR Plate, Non-Skirted, Elevated Wells	H12	P	Natural	10
E1403-3200	48-Well PCR Plate, Non-Skirted, Elevated Wells		P	Natural	20
E1403-4200	24-Well PCR Plate, Non-Skirted, Elevated Wells		P	Natural	40
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)			Natural	5



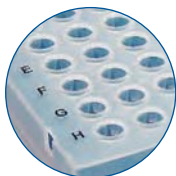
Non-Skirted PCR Plates with Elevated Wells					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
B1402-9200	96-Well PCR Plate, Non-Skirted, 3 mm Elevated Wells (Robbins® Style)	A1	M	Natural	10
B1494-1005	Cap Mat for 96-Well PCR Plates (Autoclavable)			Blue	5
E1402-9600	96-Well PCR Plate, Non-Skirted, 5 mm Elevated Wells	H1,H12	M	Natural	10
E1402-6789	Silicone Sealing Mat for 96-Well PCR Plates (Pierceable, Autoclavable)		P	Natural	10

Sealing Options:

All PCR Plates on this page can be sealed with the designated **Sealing Mat** listed in the ordering table for each plate, the **PCR Strip Caps** (page 59), or the **Plate Seals** suitable for PCR (page 71). For an overview of all PCR Plate Sealing Options, see page 68.

Plate Capacities:

Approximate maximum capacity for all standard height 96-well plates is 350 µl.

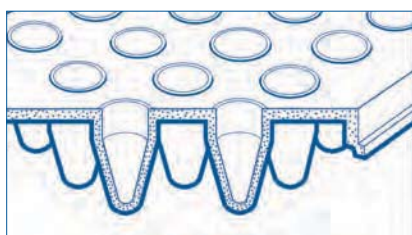


Matrix key:

- P = Printed
- M = Moulded



Semi-Skirted PCR Plates

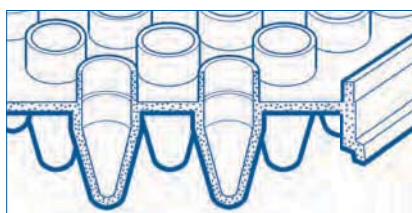
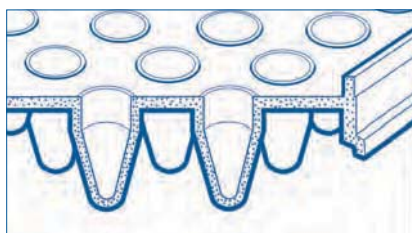


Sealing Options:

All PCR Plates on this page can be sealed with the designated **Sealing Mat** listed in the ordering table for each plate, the **PCR Strip Caps** (page 59), or the **Plate Seals** suitable for PCR (page 71). For an overview of all PCR Plate Sealing Options, see page 68.

Plate Capacities:

Approximate maximum capacity for all 96-well plates is 350 µl for standard height plates, or 200 µl for low-profile plates.



Semi-Skirted PCR Plates

- Low profile and standard height
- Opaque black or white available in most styles
- Specialist plates (for FAST® Systems, qPCR)
- Convenient, small pack sizes
- Certified RNase, DNase and DNA free



Semi-Skirted PCR Plates

Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
Low Profile					
E1403-6200	96-Well PCR Plate, Semi-Skirted, Low Profile	A12	P	Natural	10
E1403-6208	96-Well PCR Plate, Semi-Skirted, Low Profile	A12	P	Black	10
E1403-6209	96-Well PCR Plate, Semi-Skirted, Low Profile	A12	P	White	10
Standard Height					
I1402-9700	96-Well PCR Plate, Semi-Skirted	A12	P	Natural	10
I1402-9700-C	96-Well PCR Plate, Semi-Skirted	A12	P	Natural	10 x 10
I1402-9708	96-Well PCR Plate, Semi-Skirted	A12	P	Black	10
I1402-9709	96-Well PCR Plate, Semi-Skirted	A12	P	White	10
I1402-9800	96-Well PCR Plate, Semi-Skirted, Straight Edges	A12	P	Natural	10
I1402-9809	96-Well PCR Plate, Semi-Skirted, Straight Edges	A12	P	White	10
I1402-9909	96-Well PCR Plate, Semi-Skirted, for Roche® Lightcycler®	H12	P	White	10
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)			Natural	5

Semi-Skirted PCR Plates with Raised Rim

Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
TAQMan®-Style Plate					
E1403-8200	96-Well PCR Plate, Semi-Skirted, Raised Rim	A12	P	Natural	10
E1403-8209	96-Well PCR Plate, Semi-Skirted, Raised Rim	A12	P	White	10
Plate for FAST® Systems					
E1403-7700	96-Well PCR Plate, Semi-Skirted, Raised Rim, Low Profile (for FAST® Systems)	A1	P	Natural	10
E1403-7709	96-Well PCR Plate, Semi-Skirted, Raised Rim, Low Profile (for FAST® Systems)	A1	P	White	10
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)		P	Natural	5

Semi-Skirted Plates with Raised Rim & Elevated Wells

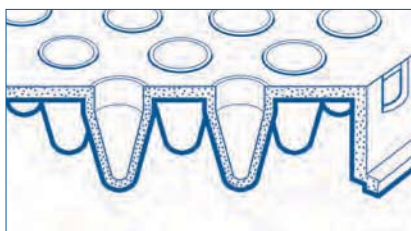
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
B1402-9400	96-Well PCR Plate, Semi-Skirted, Raised Rim (1 mm Elevated Wells, Perkin Elmer® Style)	A12	M	Natural	10
B1402-9300	96-Well PCR Plate, Semi-Skirted, Raised Rim (3 mm Elevated Wells, Corning® Style)	A1	M	Natural	10
Sealing Mat					
B1494-1005	Cap Mat for 96-Well PCR Plates (Autoclavable)			Blue	5

Skirted PCR Plates



96-Well Skirted PCR Plates

- Natural, opaque black or white plate available
- Holes on sides for robotics handling
- Highly-visible printed matrix
- Convenient, small pack sizes
- Certified RNase, DNase and DNA free



Sealing Options:

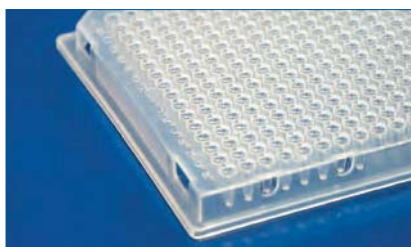
All PCR Plates on this page can be sealed with the designated **Sealing Mat** listed in the ordering table for each plate, the **PCR Strip Caps** (page 59), or the **Plate Seals** suitable for PCR (page 71). For an overview of all PCR Plate Sealing Options, see page 68.

Plate Capacity:

Approximate maximum capacity for all 96-well, low-profile plates is 350 µl.

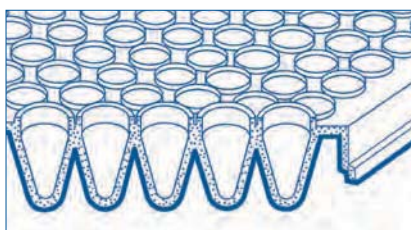
96-Well Skirted PCR Plates					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
Low-Profile					
E1403-5200	96-Well PCR Plate, Skirted, Low Profile	A12	P	Natural	10
E1403-5208	96-Well PCR Plate, Skirted, Low Profile	A12	P	Black	10
E1403-5209	96-Well PCR Plate, Skirted, Low Profile	A12	P	White	10
Sealing Mat					
E1403-0000	Silicone Sealing Mat (Autoclavable)			Natural	5

Matrix: P = Printed, M = Moulded.



384-Well Skirted PCR Plates

- Opaque white plates available for qPCR
- Holes on sides for robotics handling
- Convenient, small pack sizes
- Certified RNase, DNase and DNA free



Sealing Options for 384-Well Plates:

All PCR Plates on this page can be sealed with the designated 384-Well Sealing Mat, or the Plate Seals suitable for PCR (page 71).

For an overview of all PCR Plate Sealing Options, see page 68.

Volumes stated for 384-well plates are the approximate capacity to the brim of the well. Volume would need to be reduced for use with sealing mat.

384-Well Skirted PCR Plates					
Cat. No.	Description	Cut Corner	Matrix	Colour	Pack Size
E1042-3840	384-Well PCR Plate, ABI®/Universal-Style, Skirted	A24	P	Natural	10
E1042-3849	384-Well PCR Plate, ABI®/Universal-Style, Skirted	A24	P	White	10
E1042-9909	384-Well PCR Plate for Roche® Lightcycler®, Skirted	A24, P24	P	White	10
B2323-3840	384-Well PCR Plate, Skirted (35 µl)	A1	M	Natural	10
B2323-3848	384-Well PCR Plate, Skirted (35 µl)	A1	M	Black	10
B2323-3849	384-Well PCR Plate, Skirted (35 µl)	A1	M	White	10
E1042-2500	384-Well PCR Plate, Skirted (40 µl)	A24, P24	M	Natural	10
E1042-3000	384-Well PCR Plate, Skirted (35 µl)	A24	M	Natural	10
Sealing Mat					
E1042-2350	Silicone Sealing Mat for 384-Well Plates			Natural	10

Matrix: P = Printed, M = Moulded.

PCR Plate–Cycler Compatibility



Raised Rim:
Elevated Wells:
Low-Profile:
No. of Wells:

Cat. No.:

APPLIED BIOSYSTEMS®

		Non-Skirted Plates (pages 62–63)						Semi-Skirted Plates (page 64)						Skirted Plates (page 65)									
		24	48	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	384	384	384	384	384
		E1403-4200	E1403-3200	B1402-9200*	E1402-9600*	E1403-0100	E1403-0200*	E1403-1200*	E1403-2200	B1402-9300	B1402-9400	E1403-6200*	E1403-7700*	E1403-8200*	I1402-9700*	I1402-9800	I1402-9909	E1403-5200*	B2323-3840*	E1042-2500	E1042-3000	E1042-3840*	E1042-9909
Thermal Cyclers	2700	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓								
	9600	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓								
	9700	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓								
	9800 FAST												✓										
	Veriti 0.1ml												✓										
	Veriti 0.2ml														✓								
	Veriti 384																						✓
Real-Time Thermal Cyclers	5700					✓		✓						✓	✓								
	PRISM 7000					✓		✓						✓	✓								
	7300					✓		✓				✓		✓	✓								
	7500					✓		✓				✓		✓	✓								
	7500 FAST												✓										
	7700					✓		✓						✓	✓								
	7900 HT											✓		✓	✓						✓	✓	
	7900 HT FAST													✓									
	StepOne Plus													✓									
Sequencers	PRISM 310	✓	✓			✓		✓	✓					✓	✓	✓							
	PRISM 3100	✓	✓			✓		✓	✓					✓	✓	✓						✓	
	3130(XL)	✓	✓			✓		✓	✓					✓	✓	✓						✓	
	3500												✓			✓							✓
	3700	✓	✓			✓		✓	✓					✓	✓	✓					✓	✓	✓
	PRISM 3730(XL)	✓	✓			✓		✓	✓					✓	✓	✓					✓	✓	✓

AMERSHAM®

Sequencers	MegaBACE 1000							✓ ¹															
	MegaBACE 4000																			✓	✓	✓	

BECKMAN®

Sequencers	CEQ					✓		✓															
------------	-----	--	--	--	--	---	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BIOMETRA®

Thermal Cyclers	Uno	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓								
	Uno II	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓					✓	✓	✓	
	T1 Thermocycler	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓				✓			✓
	Tgradient	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓							
	Trobot	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓				✓	✓	✓	

BIO-RAD®/MJ RESEARCH®

Thermal Cyclers	Gene Cycler	✓	✓			✓		✓	✓					✓	✓								
	PTC-100	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓				✓			✓	✓
	PTC-200	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓				✓			✓	✓
	PTC 225-Tetrad	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓				✓			✓	✓
	Dyad / Dyad Disciple	✓	✓			✓	✓	✓	✓	✓					✓				✓			✓	✓
	iCYCLER	✓	✓	✓	✓	✓		✓	✓	✓					✓				✓				
	Mini Gradient					✓	✓	✓															
	DNA Engine range					✓	✓	✓							✓				✓				✓
	C1000/S1000					✓	✓	✓							✓				✓				✓
	MyCycler	✓	✓			✓		✓	✓						✓								
Real-Time Thermal Cyclers	Personal					✓		✓						✓									
	OPTICON / OPTICON 2					✓	✓	✓											✓				
	CFX96					✓													✓				
	CFX384																						✓
	Chrome 4																			✓			
	iCYCLER	✓	✓			✓	✓		✓	✓					✓				✓				
Sequencer	MyiQ	✓	✓			✓	✓		✓	✓				✓				✓					
	iQ5	✓	✓			✓	✓		✓	✓				✓				✓					
	BaseStation														✓				✓				

CORBETT®

Thermal Cyclers	PalmCycler 96			✓			✓			✓	✓				✓			✓					
	PalmCycler 384																			✓	✓	✓	

¹Suitable for use on machines manufactured before July 2000 only.

PCR Plate–Cycler Compatibility

FREE SAMPLE
TRY
before you
BUY
available on request

Raised Rim:
Elevated Wells:
Low-Profile:
No. of Wells:

Cat. No.:

		Non-Skirted Plates (pages 62–63)								Semi-Skirted Plates (page 64)								Skirted Plates (page 65)									
		✓	✓	✓	✓					✓	✓		✓	✓													
		✓	✓	✓	✓			✓		✓	✓		✓	✓						✓							
							✓					✓	✓														
		24	48	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	384	384	384	384	384		
Cat. No.:		E1403-4200	E1403-3200	B1402-9200	E1402-9600	E1403-0100	E1403-0200*	E1403-1200*	E1403-2200	B1402-9300	B1402-9400	E1403-6200*	E1403-7700*	E1403-8200*	I1402-9700*	I1402-9800*	I1402-9909	E1403-5200*	B2323-3840*	E1042-2500	E1042-3000	E1042-3840*	E1042-9909				
Thermal Cylers	Mastercycler	✓	✓		✓	✓	✓	✓	✓							✓	✓										
	Mastercycler Gradient	✓	✓			✓	✓	✓	✓					✓	✓												
	Mastercycler ep	✓	✓		✓	✓	✓	✓	✓									✓									
	Mastercycler M384																		✓	✓	✓	✓					
Real-Time	Mastercycler ep Realplex															✓	✓	✓									
ERICOM®																											
Thermal Cylers	Power Block I	✓	✓			✓	✓	✓	✓			✓		✓	✓												
	Delta Cycler I	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓											
	Delta Cycler II	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓	✓												
	Single Block & Twin Block	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓											
ESCO®																											
Therm. Cyl.	Swift	✓	✓			✓		✓	✓							✓											✓
FLEXI®																											
Thermal Cylers	Gene	✓	✓		✓	✓	✓	✓	✓							✓		✓		✓	✓	✓					
	Genius	✓	✓		✓	✓	✓	✓	✓							✓		✓									
G-STORM®																											
Thermal Cylers	GS1 & GS4	✓	✓			✓	✓	✓	✓			✓		✓	✓	✓											
	GSX & GSXs	✓	✓			✓	✓	✓	✓			✓		✓	✓	✓											
MWG®																											
Thermal Cylers	Primus 96	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓									
	Primus 384																			✓	✓	✓					
ROCHE®																											
Real-Time	LightCycler 480																✓										✓
STRATAGENE®																											
Thermal Cylers	Robocycler 96				✓	✓	✓	✓	✓							✓											
	Robocycler Gradient	✓	✓			✓	✓	✓	✓			✓		✓	✓	✓		✓									
Real-Time	Mx3000 &	✓	✓			✓	✓	✓	✓			✓		✓	✓												
	Mx4000	✓	✓			✓	✓	✓	✓			✓		✓	✓												
TaKaRa®																											
Thermal Cylers	TP240																✓										
	TP3000	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓									
Techne®																											
Thermal Cylers	Touchgene	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓											
	Cyclogene	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓											
	Genius	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓				✓							
	Genius Quad	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓				✓							
	Genius (TC412)	✓	✓		✓	✓	✓	✓	✓			✓		✓	✓	✓		✓									
	Flexigene	✓	✓			✓	✓	✓	✓			✓		✓	✓	✓											
	Touchgene X					✓	✓	✓	✓					✓	✓	✓		✓			✓	✓	✓				✓
	Touchgene Gradient (C512)	✓	✓		✓	✓	✓	✓	✓			✓		✓	✓	✓		✓			✓	✓	✓				✓
Real-Time	Quantica						✓										✓										
THERMO HYBAID®																											
Thermal Cylers	PCR Sprint	✓	✓			✓	✓	✓	✓			✓		✓	✓	✓		✓									
	MBS Satellite (Multiblock)	✓	✓		✓	✓	✓	✓	✓			✓		✓	✓	✓		✓		✓	✓	✓					✓
	Px2 & PxE	✓	✓		✓	✓	✓	✓	✓			✓		✓	✓	✓		✓		✓	✓	✓					✓
	PCR Express	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓					✓
	Omni E	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓									✓
	Touchdown	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓									✓
	OmniGene	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓		✓	✓	✓					✓
TRANSGENOMIC®																											
Sequencer	WAVE System																	✓									

The individual cycler-plate combinations are intended as a guide only, with no guarantee. Samples of all plates are readily available before purchase to ensure compatibility. Low-profile and 384-well plates are compatible with their designated thermal blocks only.

STARLAB recognises that the tradenames of all cyclers and sequencers in this table belong to their respective owners.

*Cat. No. of natural plate shown only. These plates are also available in opaque black and/or white and will fit the same thermal cyclers. See the relevant page in this catalogue or our website for ordering details of the non-natural plates.

PCR Plate-Sealing Overview



What are my options?

24-Well Plates:

- 8-Strip Caps

48-Well Plates:

- 8-Strip Caps

96-Well Plates:

- 8-Strip Caps
- 12-Strip Caps
- Sealing Mats for 96-Well Plates
- Plate Seals (unless plate has raised wells)

384-Well Plates:

- Sealing Mats for 384-Well Plates
- Plate Seals

8- and 12-Strip Caps



8- and 12-strip caps are manufactured from pure polypropylene, are available flat or domed, and are suitable for use with all 96-well PCR plates. (8-strip caps only can be used on 24- and 48-well plates). Strip caps allow the convenience of unsealing one row of plate wells at a time.

Flat caps enable labelling while domed caps provide the most secure seal when using thermal cyclers with a screw down lid. The 'Perfect Seal' strip caps give easier attachment to plates without affecting the tightness. Use the flat, 'X-Clear' strip caps in Real-Time (qPCR) applications as these exceptionally clear caps allow the fluorescence signal to pass through.

For ordering details, see page 59.

Sealing Mats



Particularly suitable for sealing plates with defined heated-lid contact pressure, silicone mats are very flexible, autoclavable and reusable. The mats can also be cut to meet individual needs. Some mats are piercable to allow access to the sample. Sealing mats are not suitable for real-time applications.

For best results, we recommend using only the dedicated mat for your plate. The recommended sealing mat is listed in the ordering table under each plate on pages 62-65.

Plate Seals

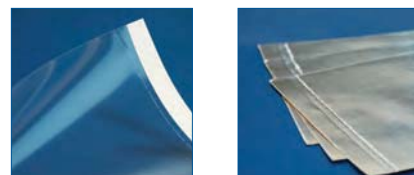
Plates seals are quick and easy to apply and to remove.

Self-Adhesive:

Three self-adhesive seals offered by STARLAB are suitable for standard PCR (aluminium, clear polypropylene and clear polyolefin). The X-Clear Advanced

Polyolefin Seal is suitable for Real-Time PCR and the seal's superior optical clarity yields consistent results.

For an optimum and consistent seal across the whole plate, use the seal applicator or sealing brayer on page 71.



Heat Seals:

All heat seals offered by STARLAB are suitable for PCR; one of them has superior optical clarity and is suitable for Real-Time PCR.

See page 71 for each seal's specifications and ordering details.

Important Note for Real-Time PCR (qPCR)

Please check that both the plate AND the sealing option are suitable for Real-Time PCR applications.

Plates: See the Plate-Cycler Compatibility chart on pages 66-67 to see which plate is suitable for your Real-Time Cycler.

Strip Caps: Use only the 'X-Clear' strip caps on your plates for Real-Time PCR applications.

Plate Seals: Only those seals with superior optical clarity can be used for Real-Time applications. Choose between a self-adhesive seal or a heat seal – see page 71 for details.

Note: Sealing mats are NOT suitable for Real-Time.

PlateOne® Deepwell Plates



Features

- Virgin polypropylene
- Highly visible, printed matrix
- SBS footprint
- Barcoded plates available on request
- Temperature use: -80 °C to autoclave
- Certified RNase, DNase & DNA free. Sterile plates are also Pyrogen free



0.5 ml & 1.0 ml PlateOne Deepwell Plates
 0.5 ml Plate height: 27.10 mm
 1.0 ml Plate height: 44.10 mm

WELL SHAPE **WELL BOTTOM** **CORNER CUT**

2.0 ml PlateOne Deepwell Plate
 Plate height: 44.10 mm

WELL SHAPE **WELL BOTTOM** **CORNER CUT**



200 µl PlateOne Deepwell Plate
 Plate height: 25.10 mm

WELL SHAPE **WELL BOTTOM** **CORNER CUT**

96 Deepwell Plates

Cat. No.	Description	Pack Size
0.5 ml, Round Wells, Round Bottom		
S1896-5800	0.5 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms	4 x 8
S1896-5000	0.5 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms (Bulk)	32
S1896-5110	0.5 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms (Sterile), Individually Wrapped	32
B1494-1224	DMSO Resistant Polyolefin Sealing Mat for 96-Well with Round Wells	24

1.0 ml, Round Wells, Round Bottom		
S1896-1800	1.0 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms	4 x 5
S1896-1000	1.0 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms (Bulk)	20
S1896-1110	1.0 ml PlateOne® 96 Deepwell Plate, Round Wells with Round Bottoms (Sterile), Individually Wrapped	20
B1494-1224	DMSO Resistant Polyolefin Sealing Mat for 96-Well with Round Wells	24

2.0 ml, Square Wells, V-Shaped Bottom		
S1896-2800	2.0 ml PlateOne® 96 Deepwell Plate, Square Wells with V-Shape Bottoms	4 x 5
S1896-2000	2.0 ml PlateOne® 96 Deepwell Plate, Square Wells with V-Shape Bottoms (Bulk)	20
S1896-2110	2.0 ml PlateOne® 96 Deepwell Plate, Square Wells with V-Shape Bottoms (Sterile), Individually Wrapped	20
B1494-1124	DMSO Resistant Polyolefin Sealing Mat for 96-Well with Square Wells	24
E2896-1801	Piercable Sealing Mat for 96-Well with Square Wells	5

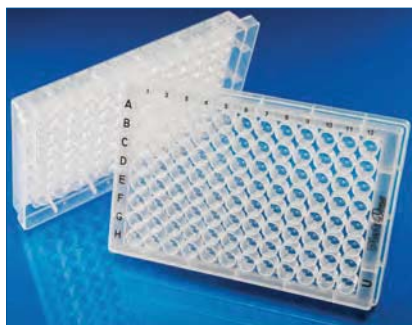
Sealing Options:

All PlateOne® Plates can be sealed with the designated Sealing Mats listed, or with the Plate Seals on page 71.

384 Deepwell Plates

Cat. No.	Description	Pack Size
200 µl, Square Wells, V-Shaped Bottom		
S1884-2400	200 µl PlateOne® 384 Deepwell Plate, Square Wells with V-Shape Bottoms	4 x 10
S1884-2000	200 µl PlateOne® 384 Deepwell Plate, Square Wells with V-Shape Bottoms (Bulk)	40
S1884-2410	200 µl PlateOne® 384 Deepwell Plate, Square Wells with V-Shape Bottoms (Sterile), Individually Wrapped	40
B1494-1024	Autoclavable, DMSO Resistant Sealing Mat for 384-Well Plates with Square Wells, Blue	24

PlateOne® Microplates



Well-bottom shape indicator code on every plate for easy identification

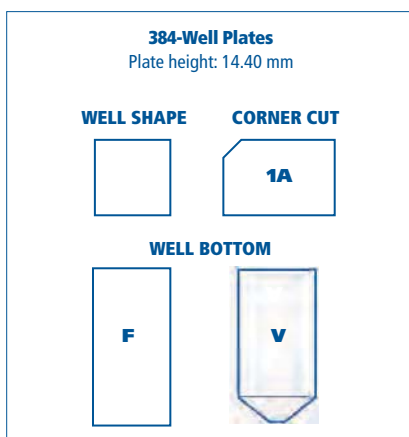
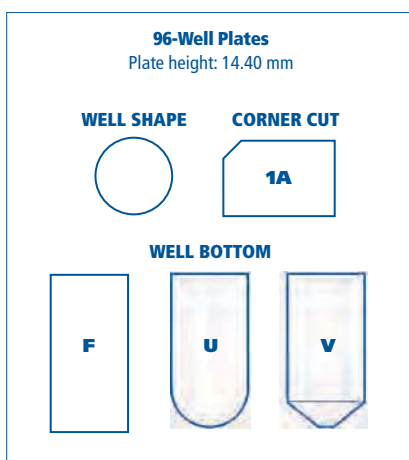


PlateOne® Microplates come in four styles, all with a highly-visible solvent-resistant, alpha-numeric matrix. These high-clarity polypropylene plates offer excellent sample recovery compared to polystyrene plates.

All plates conform to the SBS standard for compatibility with your automated equipment. They are certified free of detectable RNase, DNase and DNA. The sterile plates are also certified non-pyrogenic.

Features

- Virgin polypropylene plates for reduced sample binding compared to polystyrene plates
- High chemical resistance
- Raised wells help prevent cross contamination (96-well plates)
- Highly visible printed, alpha-numeric matrix
- SBS footprint
- Certified RNase, DNase & DNA free. Sterile plates are also Pyrogen free



96-Well Microplates		
Cat. No.	Description	Pack Size
Flat Bottom (F) Plates, max. Working Volume 370 µl		
S1837-9600	PlateOne® 96-Well Microplate, Round Wells with Flat Bottoms,	4 x 20
S1837-9610	PlateOne® 96-Well Microplate, Round Wells with Flat Bottoms (Sterile)	4 x 20
Round Bottom (U) Plates, max. Working Volume 320 µl		
S1830-9600	PlateOne® 96-Well Microplate, Round Wells with Round Bottoms	4 x 20
S1830-9610	PlateOne® 96-Well Microplate, Round Wells with Round Bottoms (Sterile)	4 x 20
Conical Bottom (V) Plates, max. Working Volume 320 µl		
S1833-9600	PlateOne® 96-Well Microplate, Round Wells with Conical Bottoms	4 x 20
S1833-9610	PlateOne® 96-Well Microplate, Round Wells with Conical Bottoms (Sterile)	4 x 20

384-Well Microplates		
Cat. No.	Description	Pack Size
Flat Bottom (F) Plates, max. Working Volume 140 µl		
S1843-8400	PlateOne® 384-Well Microplate, Square Wells with Flat Bottoms	4 x 20
S1843-8410	PlateOne® 384-Well Microplate, Square Wells with Flat Bottoms (Sterile)	4 x 20
Conical Bottom (V) Plates, max. Working Volume 125 µl		
S1823-8400	PlateOne® 384-Well Microplate, Square Wells with Conical Bottoms	4 x 20
S1823-8410	PlateOne® 384-Well Microplate, Square Wells with Conical Bottoms (Sterile)	4 x 20

Sealing Films & Foils

	SELF-ADHESIVE						HEAT SEALING				
	Aluminium StarSeal (PCR)	Clear Polyolefin StarSeal (PCR)	Xtra-Clear Advanced Polyolefin StarSeal (qPCR) ¹	Polyester Seal	Polyester Seal (Sterile)	Breathable Film	Breathable Film (Sterile)	Peelable Film (PCR)	Thermo Seal Film (PCR)	Easy Pierce Film (PCR)	Optically Clear Film (qPCR)
Pack Size:	100	100	100	100	100	100	2 x 25	25	25	25	100
Cat. No:	E2796-9792	E2796-9793	E2796-9795	E2796-0794	E2796-0714	E2796-3005	E2796-3015	E2796-3060	E2796-3070	E2796-3090	E2796-3020
Colour	Silver	Clear	Clear	Clear	Clear	Natural	Natural	White	Silver	Silver	Clear
Opaque	✓					✓	✓	✓	✓	✓	
Optically Clear		✓	✓	✓	✓						✓
Superior Optical Clarity			✓								✓
Suitable for PCR	✓	✓	✓					✓	✓	✓	✓
Suitable for Real-Time PCR (qPCR)			✓								✓
Short-Term Storage and Incubation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Easy to Pierce with Needle or Metal Probe	✓								✓	✓	
Easy to Pierce with Pipette Tip	✓								✓	✓	
Low 'Tack to Touch' Adhesive			✓								
Low Auto-Fluorescence		✓	✓								
Resistant to DMSO	✓	✓	✓					✓	✓	✓	✓
Sterile					✓		✓				
Breathable						✓	✓				
Gas Permeable						✓	✓				
Minimum Temp. Use	-70 °C*	-70 °C*	-70 °C*	-40 °C	-40 °C	4 °C	4 °C	-196 °C	-80 °C	-80 °C	-80 °C
Maximum Temp. Use	110 °C*	110 °C*	110 °C*	65 °C	65 °C	40 °C	40 °C	90 °C	120 °C	80 °C	120 °C

*StarSeals have a minimum temperature use specification of -70 °C but they can be used at -80 °C for short-term storage.

¹X-Clear Advanced Polyolefin StarSeal

E2796-9795 has a low tack-to-touch adhesive. This means that it does not feel sticky when handled, making it easier to handle so the seal sticks to your plate, not your gloves. The adhesive is pressure-sensitive, so it is only once you have correctly positioned the seal on the plate and you then apply pressure that the seal adheres to the plate. Once bonded, the seal strength is unbeatable.

See the STARLAB website for a copy of the Data Sheet detailing the seal's outstanding performance during qPCR against another leading brand.

Sealing Accessories



Seal Applicator

Polyethylene applicator for use with self-adhesive plate seals
I2928-7355 Pack of 5



Sealing Brayer

Soft rubber roller for use with self-adhesive plate seals
E9127-2940