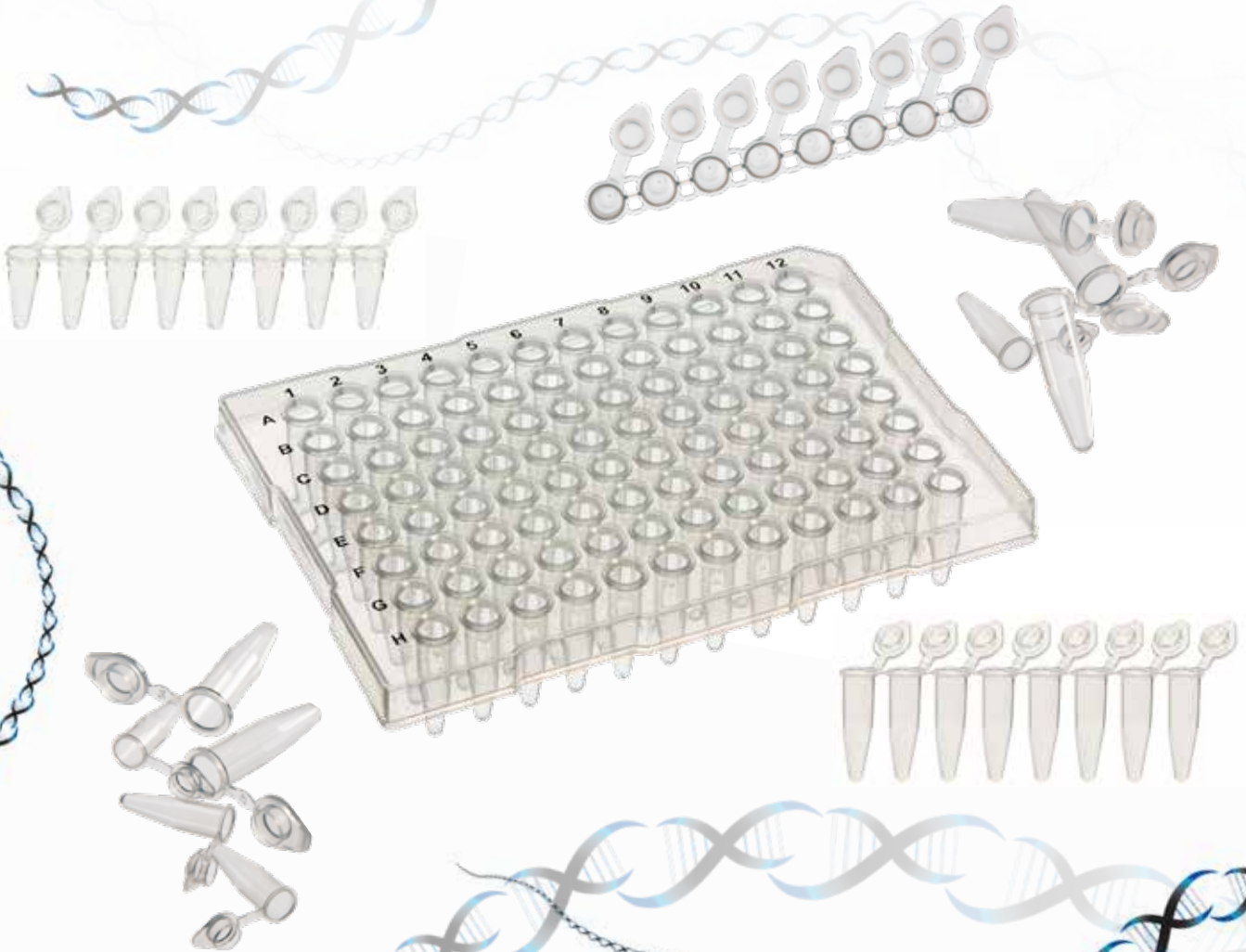


Ultraflux

PCR Products



The UltraFlux Story

UltraFlux[®] PCR Consumables have been a laboratory staple around the world for more than 20 years. Beginning with a patent granted for the design of SnapStrip[®] tubes with angularly attached caps, the UltraFlux line has been continuously innovated and improved over the past two decades to provide reliable results and tremendous value.

Advantages of UltraFlux and SnapStrip Tubes:

Angular Cap Attachment

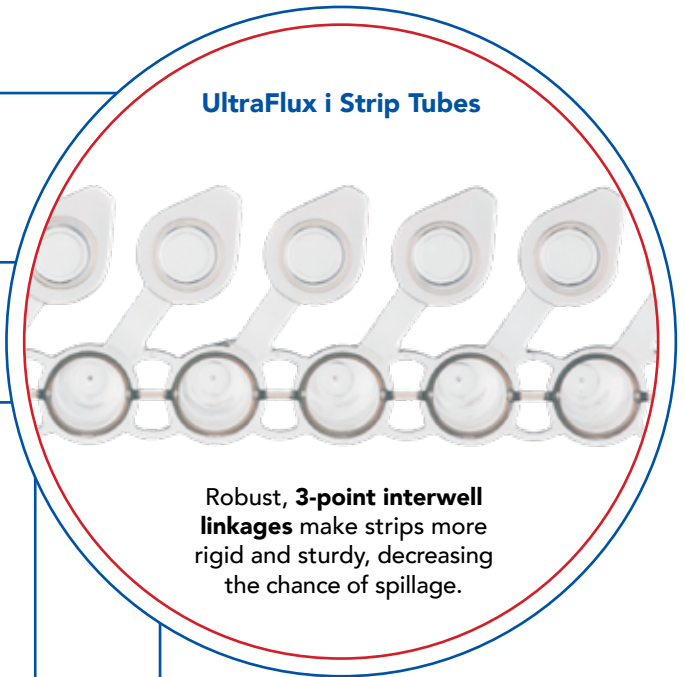
- Angularly attached caps on UltraFlux[®] i and SnapStrip[®] tubes prevent cap lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.

Ultra-Thin Walls

- Ultra-thin walls ensure efficient thermal transfer and maximum yield, yet are strong enough to prevent crushing.

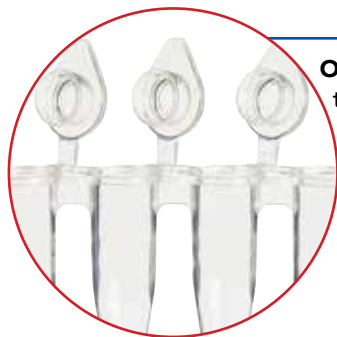
Tube Color and Clarity

- Clear tubes provide high clarity for visualizing contents.
- White tubes are available with optically-clear caps, thanks to proprietary two-material manufacturing. The white wells offer enhanced fluorescence reflection and the optically-clear caps ensure that the fluorescence signal is passed through unaffected, creating the perfect environment for consistent and reliable qPCR performance.



UltraFlux i Strip Tubes

Robust, **3-point interwell linkages** make strips more rigid and sturdy, decreasing the chance of spillage.



Optically-clear caps ensure that the fluorescence signal is passed through uninhibited.



SnapStrip single interwell linkage makes strips easy to split into smaller sections.



White tubes offer enhanced fluorescence reflection.

Unique **two-material manufacturing** creates the perfect environment for consistent, reliable qPCR performance.

UltraFlux PCR Strip Tubes & Strip Caps

UltraFlux® i

- Robust interwell linkages make the strips rigid and easy to handle, preventing spills.
- Angularly attached caps prevent lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.
- Unique two-material white tubes with optically-clear flat caps create the perfect environment for consistent, reliable qPCR performance. White wells offer enhanced fluorescence reflection and optically-clear caps ensure that the fluorescence signal is uninhibited.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.

Item #	Tube Description	Cap Description	Tube Color	Packaging
3247-00	0.2 mL Strip of 8	Flat, Optically-Clear	-00, -01, -02, -04, -05, -06, -09, -40	120 strips/unit, 10 units/case
3248-00	0.1 mL Low Profile*, Strip of 8	Flat, Optically-Clear	-00, -40	120 strips/unit, 10 units/case

*Fast® Cycler and Lightcycler® compatible.

SnapStrip®

- Customizable strips easily split into smaller sections.
- Angularly attached caps prevent lids and hinges from interfering with each other, allowing for easier operation in an SBS format rack.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.

Item #	Tube Size	Cap Description	Tube Color	Packaging
3240-00	0.2 mL Strip of 8	Dome, Clear	-00, -01, -02, -04, -05, -06, -09	120 strips/unit, 10 units/case
3245-00	0.2 mL Strip of 8	Flat, Optically-Clear	-00 Clear	120 strips/unit, 10 units/case
3246-00	0.1 mL Low-Profile	Flat, Optically-Clear	-00 Clear	120 strips/unit, 10 units/case

UltraFlux® z

- Strips of hinged attached caps prevent accidents common with separate caps.
- Optically-clear, flat caps for qPCR.
- Uniform thin walls.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.

Item #	Tube Size	Cap Description	Tube Color	Packaging
3235-00	0.2 mL Strip of 8	Flat, Optically-Clear	-00, -01, -02, -04, -05, -06, -09, -40	125 strips/unit, 10 units/case

Strip Tubes

Item #	Tube Size	Strip Description	Color	Packaging
3111-00	0.2 mL	Strips of 8 Tubes	-00, -01, -02, -04, -05, -06, -09, -40	125 strips/unit, 10 units/case
3140-00	0.1 mL*	Strips of 8 Tubes	-00, -40	125 strips/unit, 10 units/case
3113-00	0.2 mL	Strips of 12 Tubes	-00, -01, -02, -04, -05, -06, -09, -40	80 strips/unit, 10 units/case

*Fast® Cycler and Lightcycler® compatible.

LightCycler is a registered trademark of Roche Diagnostic, GmbH. Fast is a trademark of Applied Biosystems.

Colors:

- -00 - Clear
- -01 - Blue
- -02 - Green
- -04 - Red
- -05 - Violet
- -06 - Yellow
- -09 - Assorted
- -40 - White

Assorted Colors: Item #s ending in -09 include an assortment of 5 colors: blue, green, red, violet, yellow.



3247-00



3248-00



3240-00



3245-00



3246-00



3235-00



3111-00



3140-00



3113-00



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UltraFlux PCR Strip Tubes & Strip Caps

Strip Caps (Strip caps also fit UltraFlux PCR plates.)

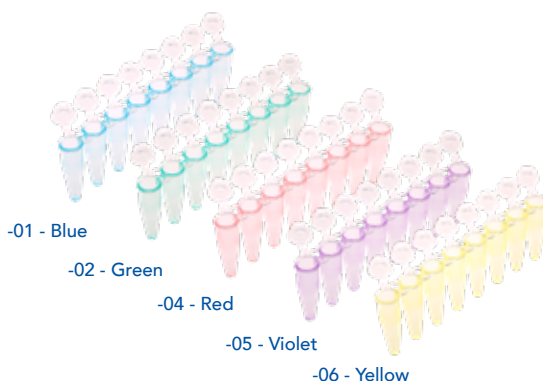
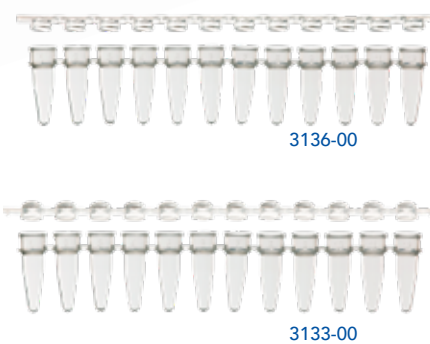


Item #	Caps	Strip Description	Color	Packaging
3105-00	Flat	Strips of 8 Caps	-00 Clear	125 strips/unit, 10 units/case
3102-00	Dome	Strips of 8 Caps	-00, -01, -02, -04, -05, -06, -09	125 strips/unit, 10 units/case
3106-00	Flat	Strips of 12 Caps	-00 Clear	80 strips/unit, 10 units/case
3103-00	Dome	Strips of 12 Caps	-00, -01, -02, -04, -05, -06, -09	80 strips/unit, 10 units/case

Combination Packs: Strip Tubes with Strip Caps



Item #	Tube Size	Description	Color	Packaging
3135-00	0.2 mL	8-Strip Tubes & Clear, Flat Caps	-00, -40	125 strips/unit, 10 units/case
3132-00	0.2 mL	8-Strip Tubes & Clear, Dome Caps	-01, -02, -04, -05, -06, -09, -40	125 strips/unit, 10 units/case
3145-00	0.1 mL	8-Strip Tubes & Clear, Flat Caps	-00, -40	125 strips/unit, 10 units/case
3136-00	0.2 mL	12-Strip Tubes & Clear, Flat Caps	-00 Clear	80 strips/unit, 10 units/case
3133-00	0.2 mL	12-Strip Tubes & Clear, Dome Caps	-00, -01, -02, -04, -05, -06, -09	80 strips/unit, 10 units/case



Colors:

- -00 - Clear
- -01 - Blue
- -02 - Green
- -04 - Red
- -05 - Violet
- -06 - Yellow
- -09 - Assorted
- -40 - White

Assorted Colors: Item #s ending in -09 include an assortment of 5 colors: blue, green, red, violet, yellow.



Corbett-Type Strip Tubes and Caps

- Compatible with QIAGEN®/Corbett Rotor-Gene® Instruments.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.



Item #	Tube Size	Description	Color	Packaging
3188-00	0.1 mL	4 Tube Strip and 4 Cap Strip	-00 Clear	250 strips/unit, 10 units/case

Qiagen and Rotor-Gene are registered trademarks of the Qiagen Group.

UltraFlux PCR Tubes

Individual PCR Tubes

- Individual PCR tubes feature evaporation-resistant, easy-to-open-and-close lids that prevent sample loss.
- Ultra-thin, uniform wells ensure optimal heat transfer and reaction efficiency.
- Conveniently packaged in reclosable bags to minimize risk of contamination.
- Available in ultra-clear, assorted, or specific colors.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.



Item #	Tube Size	Cap Description	Tube & Cap Color	Packaging
3110-00	0.2 mL	Capless	-00 Clear	1000/unit, 10 units/case
3210-00	0.2 mL	Dome Cap	-00, -01, -02, -04, -05, -06, -09	1000/unit, 10 units/case
3220-00	0.2 mL	Frosted Flat Cap	-00, -01, -02, -04, -05, -06, -09	1000/unit, 10 units/case
3225-00	0.2 mL	Clear Flat Cap	-00 Clear	1000/unit, 10 units/case
3310-00	0.5 mL	Dome Cap	-00 Clear	1000/unit, 10 units/case
3320-00	0.5 mL	Frosted Flat Cap	-00, -01, -02, -04, -05, -06, -09	1000/unit, 10 units/case



Clear cap on 3220-00 is ideal for labeling.

Colors:

- -00 - Clear
- -01 - Blue
- -02 - Green
- -04 - Red
- -05 - Violet
- -06 - Yellow
- -09 - Assorted

Assorted Colors: Item #s ending in -09 include an assortment of 5 colors: blue, green, red, violet, yellow.



A specially-designed rack for Corbett-Type strip tubes and individual 0.2 and 0.5 mL PCR tubes.

Compatibility Quick Reference

Thermal Cycler	0.1 mL Low Profile		0.2 mL Standard		384-Well
	Strip Tube	Plate	Strip Tube	Plate	Plate
ABI®	3248-00	3426-00	3247-00	3425-00	3435-00
Bio-Rad®	3248-00	3441-00	3247-00	3450-00	3435-00
Roche LightCycler®	3248-40	3455-40	--	--	3430-40

LightCycler is a registered trademark of Roche Diagnostic, GmbH. ABI is a trademark of Applied Biosystems. Bio-Rad is a registered trademark of Bio-Rad Laboratories, Inc.

Find the right plate for your thermal cycler!



Online PCR Plate & Tube Selector

Scan this QR code to use the online Plate & Tube Selector Guide or go to:

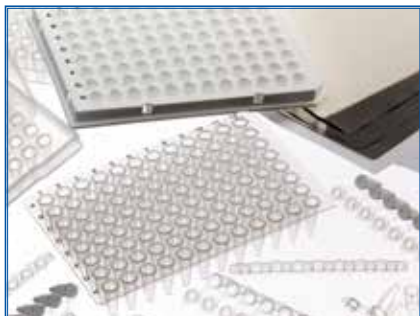
<http://www.SSlibio.com/product-selectors>



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UltraFlux PCR Plates

UltraFlux PCR Plates are available in a wide variety of styles to fit most thermal cyclers on the market. Each is designed to meet or exceed the specifications and performance of plates supplied by the original equipment manufacturer.



Advantages of UltraFlux Plates:

Broad compatibility with popular thermal cyclers

- Online plate selector guide makes it quick and easy to find your ideal plate.

Ultra-thin, uniform wells

- Optimal heat transfer and higher reaction efficiency.

A variety of plate sealing options

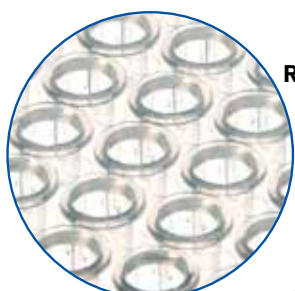
- Film, foil, silicone mats, and strip caps prevent evaporation.

UltraFlux Plate Features

High-contrast, black alphanumeric indexing.



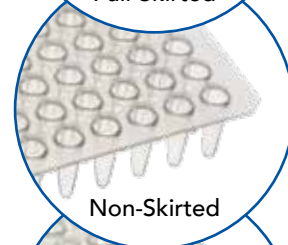
Raised wells ensure optimal sealing to prevent evaporation.



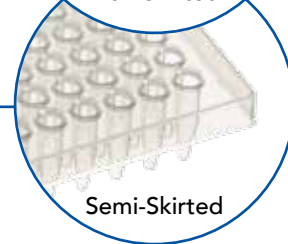
Skirt options



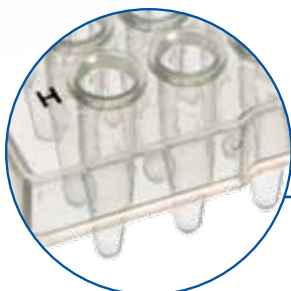
Full-Skirted



Non-Skirted



Semi-Skirted



Ultra clear wells for easy sample visualization.

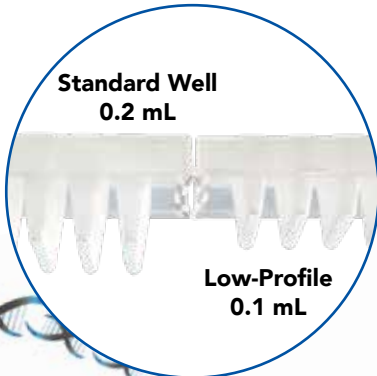


3420-00

Custom bar-coding available.



Standard Well
0.2 mL



Low-Profile
0.1 mL



Colors:

- -00 - Clear
- -01 - Blue
- -02 - Green
- -04 - Red
- -05 - Violet
- -06 - Yellow
- -09 - Assorted
- -40 - White

Assorted Colors: Item #s ending in -09 include an assortment of 5 colors: blue, green, red, violet, yellow.



UltraFlux PCR Plates

- Broad thermal cycler compatibility.
- High-contrast, black alphanumeric indexing for easy well identification.
- Crystal-clear wells to easily verify sample volume.
- Ultra-thin, uniform wells ensure optimal heat transfer for high reaction efficiency.
- Well ridges reduce sample evaporation when sealing with film, foil, or strip caps.
- Bar-coded semi-skirted and full-skirted plates available.
- Manufactured from high-clarity, ultra-pure polypropylene (meets FDA 21 CFR 177.1520 & USP Class VI).
- Non-skirted item 3410-00 is also available in 24 and 48 well size options. Please inquire for more details.
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.

Item #	Bar-Coded Item #	# of Wells	Type	Corner	Colors	Packaging
Non-Skirted Plates						
3400-00	n/a	96	Standard	A12	-00, -01, -02, -04, -05, -06, -09, -40	10/unit, 10 units/case
3400C00	n/a	96	Standard, Cuttable	A12	-00 Clear	10/unit, 10 units/case
3401-00	n/a	96	Low Profile	H12	-00, -40	20/unit, 5 units/case
3410-00	n/a	96	Chimney Top, Standard	H12	-00, -01, -02, -04, -05, -06, -09, -40	10/unit, 10 units/case
Semi-Skirted Plates						
3420-00	3420T00	96	0.2 mL, ABI®-Type	A12	-00, -01, -02, -04, -05, -06, -09, -40	10/unit, 10 units/case
3421-00	n/a	96	0.1 mL Low-Profile, ABI®-Type	A12	-00 Clear	
3425-00	3425T00	96	0.2 mL Raised Rim, ABI®-Type	A12	-00, -01, -02, -04, -05, -06, -09, -40	
3426-00	n/a	96	0.1 mL Low-Profile, FAST® Type	A1	-00, -40	
3450-00	3450T00	96	0.2 mL Straight Side	A12	-00, -01, -02, -04, -05, -06, -09, -40	
3455-00	3455T00	96	0.1 mL Low-Profile, LightCycler® Type	H12	-00, -40	
Full-Skirted Plates						
3441-00	3441T00	96	0.1 mL Low-Profile	A12	-00, -01, -02, -04, -05, -06, -09, -40	10/unit, 10 units/case
3430-00	3430T00	384	Roche-Type, Two-Notch	A24 & P24	-00, -40	
3435-00	n/a	384	ABI-Type, One-Notch	A24	-00, -40	

UltraFlux RT Film and Plate Bundle

- UltraFlux Bundle includes 10 plates, 10 sheets of RT film, and 1 applicator.

Item #	Plate Item # (Description)	Packaging
3455F5W	3455-40 (96-Well Plate, Semi-Skirted, Low Profile, LightCycler® Type, White)	1 bundle/unit, 10 units/case

LightCycler is a registered trademark of Roche Diagnostic, GmbH. Fast is a trademark of Applied Biosystems.



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Ultraflux

PCR Plate Sealing

- 8-strip and 12-strip caps are ideal for sealing specific sections of plates.
- Sealing mats, film, and foil enhance full-plate sealing and analysis.
- Create an evaporation-resistant seal to minimize sample loss.
- All options are certified free of detectable RNase, DNase, DNA, and PCR inhibitors.
- Films and foils feature perforated end tabs for easy application and simple removable.

UltraFlux PCR Film

- The perfect choice for endpoint PCR work.
- Made from clear polypropylene, with an acrylic adhesive.
- Temperature range: -40°C to +120°C.

UltraFlux RT Film

- Ultra-clear, polyester film with maximum clarity for optical analysis during qPCR.
- Most cost efficient option for real-time PCR plate sealing.
- Medical-grade adhesive goes on smoothly and is non-absorbing and non-fluorescing.
- Temperature range: -40 °C to +120 °C.

UltraFlux RT Pressure-Released Film

- Clear, polyolefin film with a strong silicone adhesive for an evaporation-resistant seal.
- Adhesive remains inert until pressed against the plate surface, leaving the well area free of residue.
- Temperature range: -70 °C to +100 °C.

UltraFlux Foil

- Pierceable.
- Soft and malleable—easily conforms to the rim of the well for a secure seal.
- Temperature range: -80°C to +120°C.

Sealing Film and Foil

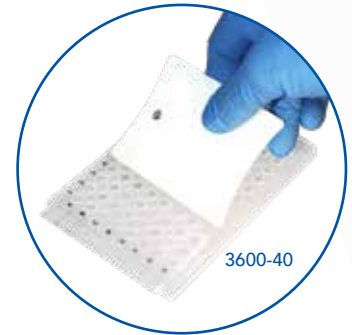
Item #	Seal Type	Dimensions	Packaging
3622-00	UltraFlux Standard PCR Film	135.1 x 79.4 mm (123.1 without Tabs)	100 sheets/case
3622-00-00500			100 sheets/case, 5 cases/carton
3612-00	UltraFlux RT Film	142.9 x 79.4 mm (121.9 without Tabs)	100 sheets/case
3612-00-00500			100 sheets/case, 5 cases/carton
3651-00	UltraFlux RT Pressure-Released Film	139.7 x 78.6 mm (113.0 without Tabs)	100 sheets/case
3651-00-00500			100 sheets/case, 5 cases/carton
3640-00	UltraFlux Foil	146.1 x 82.6 mm (125.4 without Tabs)	100 sheets/case
3640-00-00500			100 sheets/case, 5 cases/carton
3640-S0*	UltraFlux Foil, Sterile	146.1 x 82.6 mm (125.4 without Tabs)	50 sheets/case
3640-S0-00500*			50 sheets/case, 5 cases/carton
3600-40	UltraFlux Applicator	For a Smooth, Secure Seal	100 applicators/case

*Sterile product is certified pyrogen-free.

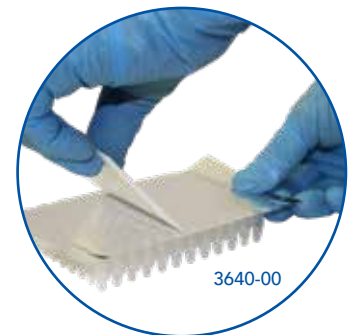
Reusable, Pierceable Sealing Mat

Item #	Description	Material	Dimensions	Packaging
3510-00	96-Well Sealing Mat	Silicone	Total Length of 4.67" Total Width of 2.90"	5/unit, 10 units/case

UltraFlux films are easy-to-use, economical solutions for sealing PCR plates.



UltraFlux strip caps are an excellent option for plate sealing.



3510-00



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