

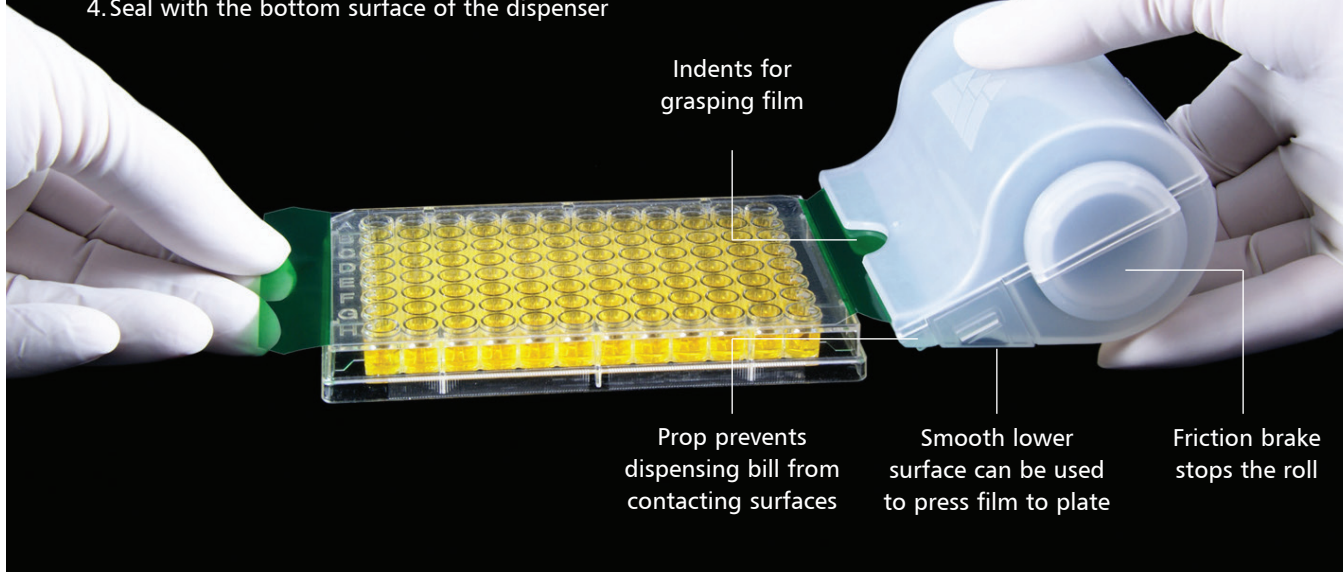
Adhesive Plate Seals for Microtitre and Deep Well Plates

SealMate™ System for Adhesive Microplate-Sealing Films

“a revolutionary way of applying sealing films to microplates”

It's easy!

1. Pull out one seal
2. Apply to plate
3. Tear at the perforation
4. Seal with the bottom surface of the dispenser



- Convenient, easy film application for microplates
- Three times faster than sheet films
- Inexpensive applicator
- Reduced waste; no protective backing to remove and discard
- Smooth lower surface for pressing film to the plate
- Available sterile and non-sterile

Excel Scientific's unique SealMate™ system provides a convenient new method for sealing standard-format microplates with adhesive films. The system includes a moulded polypropylene dispenser with a hinged "clamshell" design and sealing films supplied in a novel sheeted-roll configuration.

Available with SealPlate films for ELISA, EIA, and similar assays (see LW2770 on page 118) or AeraSeal films for cell and tissue culture applications (see LW2782 on page 119).

The SealMate™ dispenser provides a protective enclosure for films on the roll prior to dispensing. Individual films on the roll are delineated by non-adhesive colour bands that serve as end-tabs for positioning the films on the microplates.

Each non-adhesive band contains two perforations, the first of which, bounded by a small indent at the edges, tears easily to separate the sheet being dispensed from the next sheet on the roll. The second perforation permits the end-tab to be removed from the plate once the film has been applied.

These unique features contribute to ease and usability:

- The SealMate™ system reduces laboratory waste because the film is rolled on itself with no extra paper or plastic liner to be discarded before sealing the plate
- Each SealPlate roll contains films to cover 100 microplates
- Each AeraSeal roll contains films to cover 50 culture plates

SealMate™ System

Catalogue Number	Description	Pack Size
LW2700	SealPlate Starter Kit, Non-Sterile - SealMate Dispenser + 2 Rolls of SealPlate Films	1 Kit
LW2702	SealPlate Refill Roll	2
LW2704	AeraSeal Starter Kit, Non-Sterile - SealMate Dispenser + 2 Rolls of AeraSeal Films	1 Kit
LW2706	AeraSeal Refill Roll	2

Sterile kits and refills also available - see our website

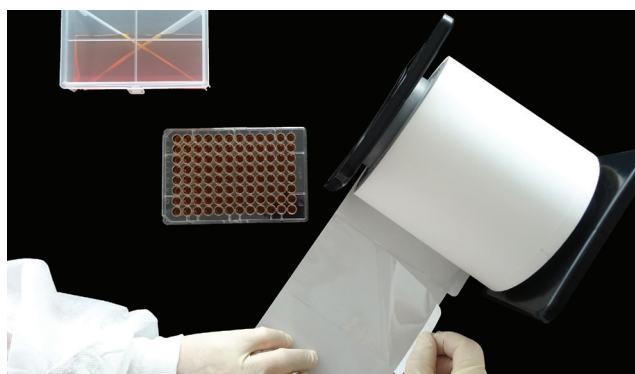
RollMate™ Adhesive Microplate Sealing Films

Pre-scored seals in a convenient, easy to use roll format.

- An economical, efficient way to rapidly seal microplates; faster than applying single sheeted film
- Self-standing, non-slip supports hold pre-scored film roll securely in place for quick and easy dispensing
- Continuous backing liner can be torn off or fed directly into a waste basket for disposal
- Roll tension can be easily adjusted to user preference (e.g. loose, tight)
- High integrity packaging prevents damage during transit; poly bag eliminates dust and particulate contamination
- Dispenser is made from material which can be recycled

Available in 2 types of seal:

SealPlate® RollMate™

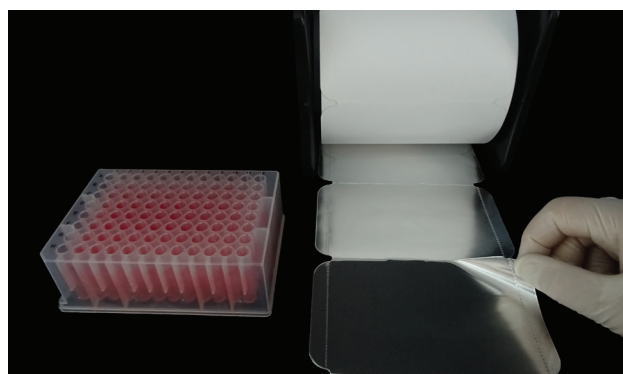


Application: Ideal for ELISA, incubation and storage

Temperature Range: -40C to +120C

- SealPlate film minimises evaporation, reduces cross-contamination and prevents spillage
- Eliminates the “edge effect”, excess evaporation in the outside Wells, which can occur with other films and plate lids
- Useful as a simple cover to protect samples from external contamination, dust and debris
- 50µm rigid polyester film features good clarity and easy handling
- Single, writable end-tab for easy application and plate identification

FoilSeal™ RollMate™



Application: Ideal for standard PCR, long-term storage, light sensitive assays and robotics

Temperature Range: -80C to +120C

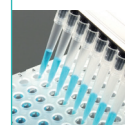
- Certified DNase- & RNase- free
- Excellent chemical resistance (e.g. DMSO)
- 50µm aluminium foil minimizes shredding during removal; ideal for cold storage
- Conformable foil allows visual verification of seal security around each Well
- Pierceable with a pipette tip or robotic probe for direct sample recovery
- Specially formulated adhesive provides an excellent seal to minimise evaporation, reduce cross-contamination and prevent spillage
- Removes easily and cleanly from plate surface

SealPlate® RollMate™

Catalogue Number	Description	Pack Size
SP2-RL-500	SealPlate RollMate 500 sheets per roll	Each

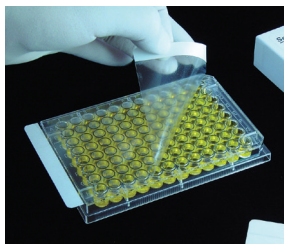
FoilSeal™ RollMate™

Catalogue Number	Description	Pack Size
F2-RL-500	FoilSeal RollMate 500 sheets per roll	Each



SealPlate® Sealing Films for ELISA, EIA and Similar Assays

50µm thickness polyester sealing films minimise evaporation during incubation, prevent spillage and contamination between Wells, and provide a secure seal, not just a cover.



Secure sealing of all Wells eliminates "edge effects" in sensitive ELISA assays. SealPlate® sealing films can also be used with tissue-culture plates for short-term storage, incubation, and containment of biohazards. SealPlate® sealing films are non-pierceable. ThinSeal™ polyester sealing films are just 25µm thick, clearer and marginally pierceable.

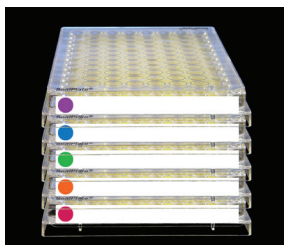
- Functional temperature range from -40C to +120C
- Available sterile and non-sterile

SealPlate® Sealing Films

Catalogue Number	Description	Pack Size
LW2770	SealPlate® Sealing Films, Non-Sterile	100
LW2771	SealPlate® Sealing Films, Sterile	100
LW2774	ThinSeal™ Sealing Films, Non-Sterile	100
LW2775	ThinSeal™ Sealing Films, Sterile	100

SealPlate® ColorTab™ Sealing Films

Applicable for the same incubations as standard SealPlate® but these sealing films are supplied with five dot colours (green, lavender, orange, red, blue) in non-sterile single-colour packs of 100 and in assorted packs of 50 containing five individual-colour packs of 10, non-sterile or sterile.



- Colour dots and white labelling area on end tabs
- Second tab can be separated for lab-notebook insertion
- End tabs can be left on plate even if centre of sealing film is removed

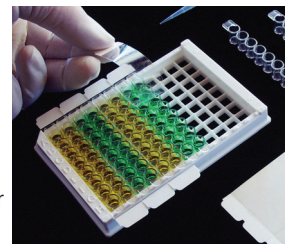
U.S. and other patents pending.

SealPlate® ColorTab™ Sealing Films

Catalogue Number	Description	Pack Size
SP-IDG-100	SealPlate® ColorTab™ Sealing Films, Green	100
SP-IDL-100	SealPlate® ColorTab™ Sealing Films, Lavender	100
SP-IDO-100	SealPlate® ColorTab™ Sealing Films, Orange	100
SP-IDR-100	SealPlate® ColorTab™ Sealing Films, Red	100
SP-IDB-100	SealPlate® ColorTab™ Sealing Films, Blue	100
SP-IDA-10	SealPlate® ColorTab™ Sealing Films, Assorted	50

SealPlate® MiniStrips™ Sealing Films

Identical to SealPlate® films and can be used for the same incubations, but designed for sealing only one or two 8-Well rows at a time on either strip-Well or standard plates whenever rows must be selectively protected or accessed.



- Can be used as secondary seal to cover sealing films that have been pierced
- Two tabs on each strip for easy application and removal
- Perforated tabs can be removed or sealed around plate edge

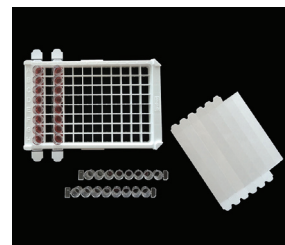
(NOTE: Spacing does not permit simultaneous application of more than two strips.)

SealPlate® MiniStrips™ Sealing Films

Catalogue Number	Description	Pack Size
LW2772	SealPlate® MiniStrips™ Sealing Films, Non-Sterile	200
SPS-2X8-50	SealPlate® MiniStrips™ Sealing Films, Sterile	200

EZcap™ General Purpose FilmStrips™

EZcap™ General Purpose FilmStrips™, for sealing a single 8-Well row of a 96-Well plate or an ELISA strip-Well plate.



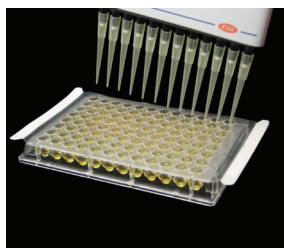
- Certified DNase- & RNase- free
- Each sheet contains 8 FilmStrips on a continuous backing liner for ease of use
- FilmStrips can be peeled and applied individually or two-at-a-time for increased efficiency
- 50µm polypropylene film features good clarity and easy handling
- Specially formulated adhesive provides an excellent seal to minimise evaporation, reduce cross-contamination and prevent spillage

EZcap™ General Purpose FilmStrips™

Catalogue Number	Description	Pack Size
LW2738	EZcap™ General Purpose FilmStrips™	400
LW2739	EZcap™ General Purpose FilmStrips™ Sterile	400

EZ-Pierce™ Sealing Films

Easily pierceable, 70µm thick, polyethylene with acrylic adhesive, EZ-Pierce™ sealing films allow direct sample recovery with single or multi-channel pipettors and robotic probes.



- Easily pierceable with pipette tips or robotic probes
- Chemical resistant
- Functional temperature range -40C to +90C

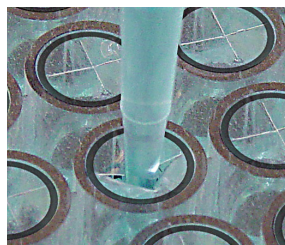
Completing application of sealing films by pressing with the accessory plate roller assures a secure uniform seal around all Wells.

EZ-Pierce™ Sealing Films

Catalogue Number	Description	Pack Size
EZP-100	EZ-Pierce™ Sealing Films, Non-Sterile	100
EZPS-25	EZ-Pierce™ Sealing Films, Sterile	50

X-Pierce™ Pre-cut Pierceable Sealing Films for Automation

X-Pierce™ sealing films are 89µm thick vinyl with a 18µm thick adhesive layer, designed for temporary protection from contamination and evaporation for samples in 96-Well plates. For long-term protection after sampling, a continuous sealing film should be applied as a second layer. Sterile product is packaged in 100µm tamper-evident bags of 25.



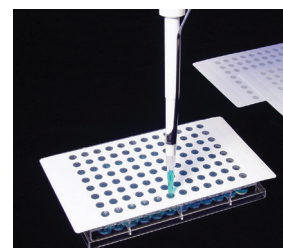
- Sealing film reseals for continued sample protection after sampling
- Temperatures -40C to +90C
- Special hairline X-cuts and thin adhesive prevent fouling or occlusion of probes and tips

X-Pierce™ Pre-cut Pierceable Sealing Films for Automation

Catalogue Number	Description	Pack Size
LW2788	X-Pierce™ Sealing Films, Non-Sterile	100
XPS-25	X-Pierce™ Sealing Films, Sterile	50 (2 x 25)

Zone-Free™ Sealing Films

With a 70µm top layer and inert white polypropylene and acrylic adhesive sublayer, this easy-piercing sealing film allows direct sample recovery with single or multichannel pipettors and robotic probes.



- Clear zone above each Well is free of adhesive and easily pierceable
- Clear zones and end tabs facilitate Well alignment and accurate positioning
- Chemical resistant
- Functional temperature range -40C to +90C

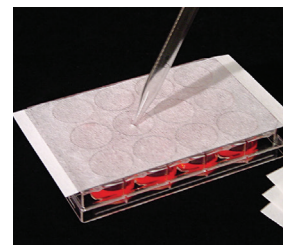
U.S. and other patents pending.

Zone-Free™ Sealing Films

Catalogue Number	Description	Pack Size
ZAF-PE-50	Zone-Free™ Sealing Films, Non-Sterile	50

AeraSeal™ Sealing Films for Cell and Tissue Culture

A 140µm thick hydrophobic porous sealing film with medical-grade adhesive for tissue culture plates, bio-blocks, and 96-Well plates where gas exchange is necessary for cell or bacterial growth. AeraSeal™ sealing films minimise cross-contamination, spillage and evaporation. They allow uniform air and CO₂ exchange for all Wells, during incubation.



- Non-cytotoxic, highly gas permeable
- Easily pierceable with pipette tips or pipettes for sample recovery
- Recommended for temperatures from -20C to +80C

AeraSeal™ Sealing Films for Cell and Tissue Culture

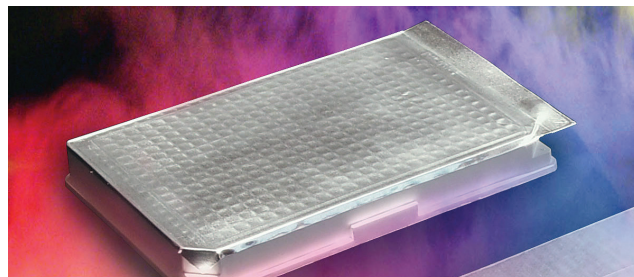
Catalogue Number	Description	Pack Size
LW2782	AeraSeal™ Sealing Films, Non-Sterile	100
LW2783	AeraSeal™ Sealing Films, Sterile	50 (2 x 25)
LW2720	AeraSeal™ 100m roll for automation	1 Roll

AlumaSeal CS™ Sealing Films for Cold Storage

Specially formulated aluminium foil sealing films with an adhesive that withstands cold storage at temperatures to -80C. A single non-perforated end tab simplifies application. Simply hold the tab and strip the backing from the body of the sealing film as it lays on the plate to avoid curling.

Recommended temperature range: -80C to +120C. AlumaSeal CS™ sealing films are certified DNase-, RNase- and nucleic-acid-free. Sterile product is packaged in tamper-evident zippered bags of 25, two bags per box.

- Excellent barrier properties to retard evaporation
- Easily pierceable with pipette tips or robotic probes for sample recovery

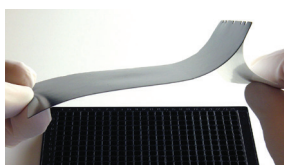


AlumaSeal CS™ Sealing Films for Cold Storage

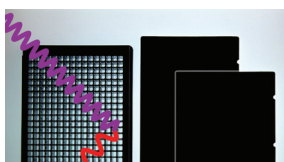
Catalogue Number	Description	Pack Size
FC-100	AlumaSeal CS™ Sealing Films, Non-Sterile	100
LW2730	AlumaSeal CS™ Sealing Films, Sterile	50

AbsorbMax™ Sealing Films for Fluorescence and Photoprotection

203µm thick black vinyl adhesive sealing films for use with 96-Well, 384-Well, and 1536-Well black solid and clear bottom microplates.



The sealing films may be applied to either the top or bottom of the plate. A split backing aids in applying the sealing film properly. Edge cut-outs assist in positioning and accommodate ribs on the plate bottom.



For top-reading fluorescence applications, apply the black sealing film to the base of clear-bottomed plates. For bottom-reading fluorescence, use the black sealing film as a top seal.

Film dimensions are 114.3 x 76.2 mm

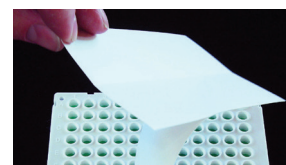
- Protect light-sensitive samples during storage or incubation
- Reduce stray light and crosstalk in fluorescence assays

AbsorbMax™ Sealing Films

Catalogue Number	Description	Pack Size
BK-50	AbsorbMax™ Black Sealing Films, Non-Sterile	50

BrightMax™ Sealing Films for Luminescence and Microscopy

BrightMax™ sealing films are 203µm thick white vinyl films with 37µm acrylic adhesive for use with white microplates.



The sealing films may be applied to either the top or bottom of the plate. A split backing aids in applying the sealing film properly. The light-reflective properties of BrightMax plate-sealing films on clear-bottom plates maximize sensitivity of bioluminescence and chemiluminescence assays in bottom-reading luminometers. White films also have an application as a backing matrix for microscopy of punch-out samples from filter plates, for example in ELISPOT assays.

- Recommended temperature range: -40C to +80C.
- White light-reflecting sealing films for use with white microplates
- Can be applied to the top or bottom of the plate
- Maximise intensity and signal-to-noise ratios in luminescence assays
- Can be used for mounting and storage of filters for microscopy, for example in ELISPOT assays

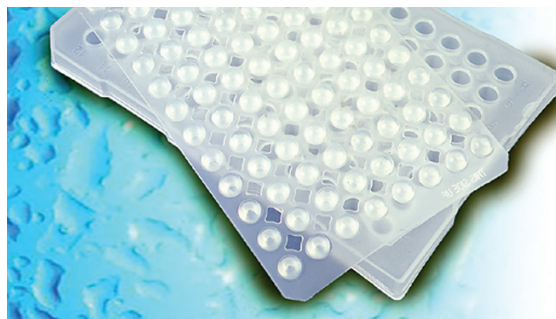
BrightMax™ Sealing Films

Catalogue Number	Description	Pack Size
LW2795	BrightMax Sealing Film	50

PCR Plate Sealing

PCR Plate Sealing Mat

This 96-Well silicon rubber plate sealing mat fits most 96-Well plates, and is suitable for pressure-fit lids. It can be autoclaved and re-used many times.



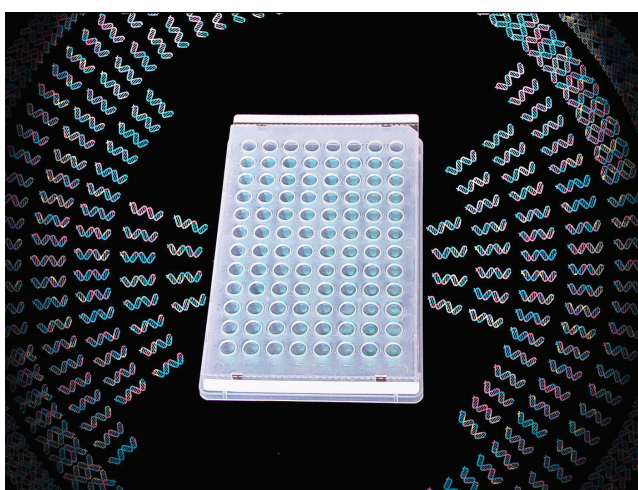
PCR Plate Sealing Mat		
Catalogue Number	Description	Pack Size
LW2221	Sealing Mat for PCR Plates	50 (5 x 10)
LW2221-10	Sealing Mat for PCR Plates	10

Adhesive Plate Seals for PCR

All our adhesive plate seals are certified free of DNase, RNase and nucleic acids.

For sealing film accessories please see page 126.

ThermalSeal® Sealing Films for PCR



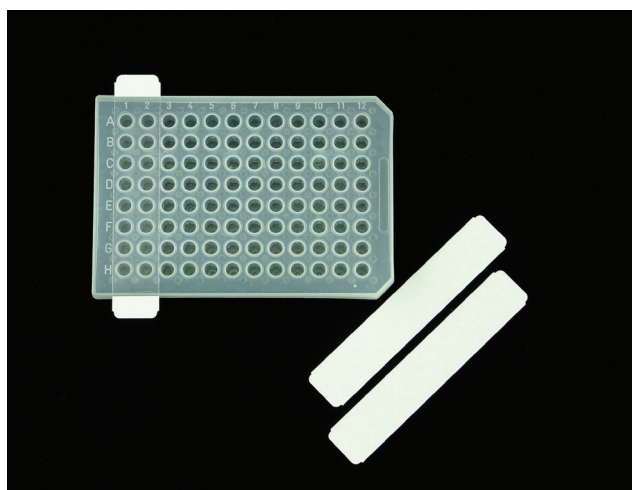
A 50µm heat-resistant polypropylene sealing film designed for thermal cycling applications, and has sufficient sealing area for all PCR plates.

ThermalSeal® sealing films are not pierceable. For applications where piercing with pipette tips or robotic probes is required for product recovery, see AlumaSeal II sealing films. For real-time PCR applications where maximum optical clarity is required, see ThermalSeal RT™, RTS and RT2RR sealing films.

- Heat resistant, recommended for temperatures from -40C to +120C

ThermalSeal® Sealing Films for PCR		
Catalogue Number	Description	Pack Size
LW2776	ThermalSeal Sealing Films, Non-sterile	100
LW2777	ThermalSeal Sealing Films, Sterile	100

ThermalSeal® Ministrips



ThermalSeal® MiniStrips™ sealing films are identical to ThermalSeal sealing films (left), but designed for sealing only one or two 8-Well rows at a time on PCR plates or strip tubes. They are supplied in convenient sheets of four. Each sealing film strip is 19.0 x 97.3 mm, including two removable positioning tabs. The long dimension with tabs removed is 76.2 mm. Each package of 200 contains 50 sheets of four sealing film strips.

- Two tabs on each strip for easy application and removal
- Perforated tabs can be removed or sealed around plate edge

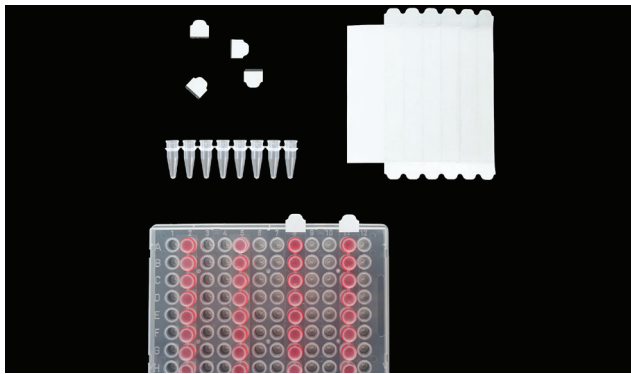
ThermalSeal® Ministrips™		
Catalogue Number	Description	Pack Size
LW2735	ThermalSeal® Ministrips™	200 (4 x 50)

EZcap™ PCR Sealing Strips™ for PCR

For sealing one 8-Well row of a 96-Well PCR plate or a single PCR 8-tube strip.

- An economical and more user-friendly alternative to strip-caps; no more sore thumbs and fingers guaranteed!
- Precision cut to a smaller dimension to seal one 8-Well row of a 96-Well PCR plate or a single PCR 8-tube strip
- Each sheet contains 8 sealing Strips on a continuous backing liner for ease of use
- Strips can be peeled individually or two-at-a-time for increased efficiency
- Strips can be used to selectively cover one row of a plate to prevent accidental pipetting or to re-seal rows that have been pierced
- Certified DNase- & RNase- free

EZcap™ PCR FilmStrips™



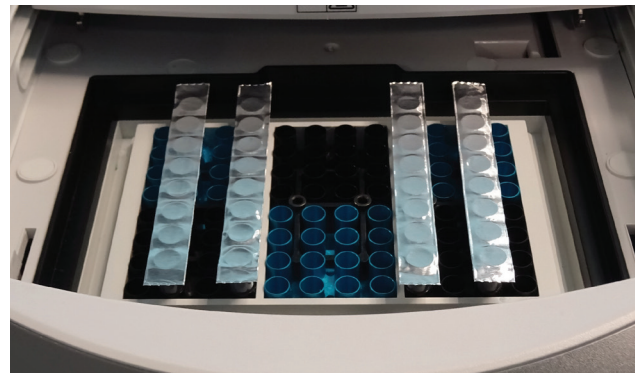
Application: Ideal for standard PCR, real-time PCR and storage

Temperature Range: -40C to +120C

- 50µm clear polyester film is ideal for PCR and qPCR
- Specially formulated adhesive provides an excellent seal to minimise evaporation, reduce cross-contamination and prevent spillage
- Removes easily and cleanly from plate surfaces
- Features two removable end-tabs with perforations for ease of handling, application and removal

EZcap™ PCR FilmStrips™		
Catalogue Number	Description	Pack Size
LW2736	EZcap PCR FilmStrips	400

EZcap™ PCR FoilStrips™



Application: Ideal for standard PCR, storage (DMSO resistant), light sensitive assays and robotics

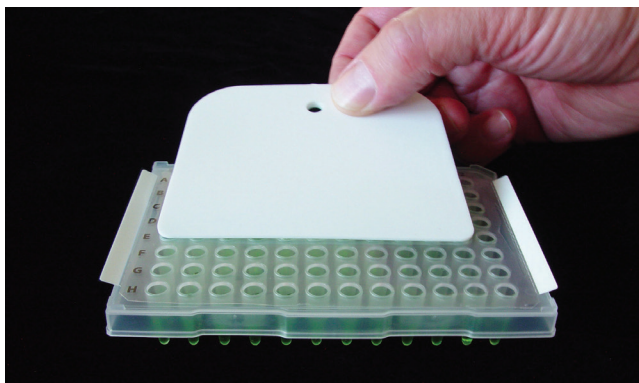
Temperature Range: -80C to +120C

- Excellent chemical resistance (e.g. DMSO)
- 50µm aluminium foil minimises shredding during removal
- Conformable foil allows visual verification of seal security around each Well
- Pierceable with a pipette tip or robotic probe for direct sample recovery
- Specially formulated adhesive provides an excellent seal to minimise evaporation, reduce cross-contamination and prevent spillage
- Removes easily and cleanly from plate surfaces
- Features two end-tabs with perforations for ease of handling, application and removal

EZcap™ PCR FoilStrips™		
Catalogue Number	Description	Pack Size
LW2737	EZcap PCR FoilStrips	300

ThermalSeal® Sealing Films for PCR

ThermalSeal® A Films for PCR and Storage



An advanced version of the classic ThermalSeal® films for PCR. They consist of 50µm thick clear polyester with a 41µm layer of a stronger adhesive formulated for improved protection against evaporation and leakage during thermal cycling. Not designed for Real-Time PCR applications*. They are designed to fit inside the edge of raised-rim PCR plates. Each pack of films includes one sealing paddle (see photo) for ensuring a firm seal.

- Heat resistant, recommended for temperatures from -40C to +120C

* for real-time PCR, use ThermalSeal RT™ films - please see the following page.

ThermalSeal® A Films for PCR and Storage		
Catalogue Number	Description	Pack Size
TSA-100	ThermalSeal A, Non-sterile	100

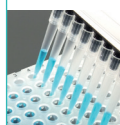
ThermalSeal 2™

These improved films for classic thermal cycling applications consist of a 50 µm polyester film with a 41 µm layer of acrylic adhesive. Compared to the original ThermalSeal® films, ThermalSeal 2™ films offer better adhesion, reduced evaporation, longer end tabs for easier handling, and less tendency to tear during removal from the plate. Each sealing film measures 79.4 x 139.7 mm and offers sufficient sealing area for all PCR plates. Length between the perforations with end tabs removed is 125.1 mm. (Not recommended for raised-rim plates; see ThermalSeal A™ films - left.)

ThermalSeal 2 sealing films are not pierceable. For applications where piercing with pipette tips or robotic probes is required for product recovery, see AlumaSeal® sealing films on page 126. For real-time PCR applications where maximum optical clarity is required, see ThermalSeal RT™, RTS™ and RT2RR sealing films on the following pages.

- Heat resistant, recommended for temperatures from -40C to +120C
- Better adhesion; reduced evaporation
- Longer end tabs for easier handling
- Does not tear during removal from the plate
- Easier to apply than aluminum foils, no tendency to roll back

ThermalSeal 2™		
Catalogue Number	Description	Pack Size
LW2726	ThermalSeal2, Non-Sterile	100



Specialist Custom Plate Seals Design, Manufacturing and Packaging for OEM

For special applications, diagnostic kit production etc.

- Indexed roll formats for automation
- Speciality materials and adhesives
- Custom die-cut shapes and sizes
- Custom printing, packaging and labelling

Quality Assured

- Stringent QC procedures for all products
- Product consistency lot-to-lot
- Certificates of compliance and sterility

Contact Alpha Laboratories for more information or a quotation



eXTreme™ Sealing Films for PCR, qPCR & Storage

eXTreme™ Sealing Film Universal Cut



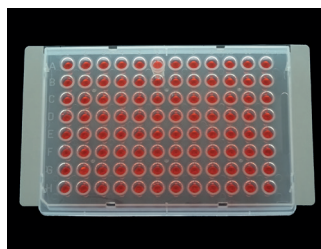
Universal Cut eXTreme sealing films measure 78.3 x 140.5mm and offers sufficient sealing area for all plate types (e.g. flat top and raised-rim). Chamfered corners result in no plate overhang for robotics applications and tight storage conditions. Length between perforations with end tabs removed is 119mm.

eXTreme™ Sealing Film

Catalogue Number	Description	Pack Size
LW2734	eXTreme™ Sealing Film Universal Cut	100

eXTreme™ Sealing Film Large Cut

Large cut eXTreme sealing films are designed for greater coverage which results in a more complete seal around the edges of the plate which can reduce evaporation rates. Larger cut also allows for easier positioning of the film to the plate via edge of plate alignment vs. centering.



- Excellent barrier properties, virtually no sample evaporation or drying
- Two end-tab feature allows for ease of placement of film to plate
- Specially formulated adhesive provides an excellent seal for all plate materials, including polycarbonate
- 50µm polyester film will remove cleanly from plate surfaces with no adhesive stringing or residue and will not tear upon removal

eXTreme™ Sealing Film

Catalogue Number	Description	Pack Size
LW2733	eXTreme™ Sealing Film Large Cut	100

ThermalSeal® Sealing Films for qPCR

ThermalSeal RT™ Sealing Films for Real-Time PCR

ThermalSeal RT™ sealing films combine an optically transparent polyester sealing film with a strong, ultra-smooth, non-absorbing, non-fluorescing medical-grade adhesive for superior performance in real-time PCR applications. In place of the customary paper backing, ThermalSeal RT™ sealing films have a plastic liner which is easily removed before use and contributes smoothness and extreme optical clarity to the adhesive. Dimensions are 79.4 x 142.9mm for sealing PCR plates. Length between the perforations with end tabs removed is 121.9mm.

- “Brilliant” ultra-high optical clarity
- Heat resistant, recommended for temperatures from -40C to +120C

ThermalSeal RT™ Sealing Films for Real-Time PCR

Catalogue Number	Description	Pack Size
LW2786	50µm Thick Sealing Films, Non-Sterile	100

ThermalSeal RTS™ Sealing Films for qPCR, Storage and Protein Crystallisation

ThermalSeal RTS™ sealing films are optically clear, with low autofluorescence, and are especially suited for real-time qPCR, storage, and protein crystallisation applications. When pressed against the sealing surface, the inert encapsulated silicone adhesive is released to form the strongest available heat-resistant seal around each Well on the plate. Adhesive on non-sealing areas of the film, such as directly over sample Wells, remains encapsulated and inert. Sized to fit within the edges of raised-rim 96-Well plates, their consistent high optical clarity ensures reproducible, reliable, and consistent DNA amplification measurements and crystal detection.

- Non-tacky adhesive layer simplifies handling of film prior to sealing
- Heat resistant, recommended for temperatures from -70C to +100C
- Chemically inert; no extractables except at extreme pH
- DMSO resistant for HTS
- Available as individual sheets or on a 65m roll for HTS automated applications

ThermalSeal RTS™ Sealing Films for qPCR

Catalogue Number	Description	Pack Size
LW2790	ThermalSeal RTS Sealing Films, Non-sterile	100
LW2791	ThermalSeal RTS Sealing Films, Sterile	50
LW2724	ThermalSeal RTS 65m roll for automation	Each

Sealing Films

ThermalSeal RT2RR™ for Real-Time PCR

50µm polyester sealing films for real-time PCR with the same consistent ultra-high optical clarity as ThermalSeal RT™ sealing films (previous page). This gives more reproducible, reliable, and consistent DNA amplification measurements.

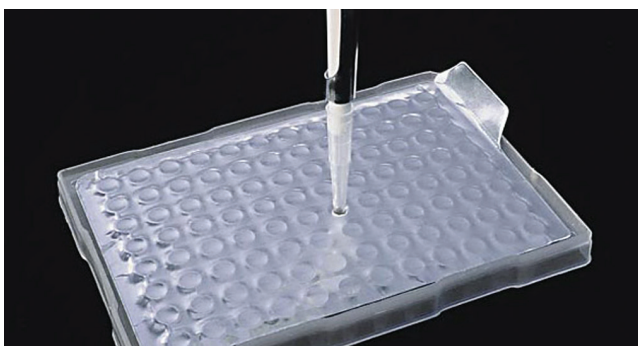
An inert, strong, temperature-resistant adhesive assures reliable sealing around each Well. Two end tabs assist in positioning the sealing film. Easy removal of the end tabs at perforated boundaries prevents lifting and higher evaporation rates that can occur with sealing films that overlap the plate rim. Recommended for specific DNA sequence detection in clinical diagnostics, forensic science and basic research.

- Fit within plate rim to prevent evaporation due to sealing film lifting
- Ultra-high optical clarity
- Heat resistant, for temperatures from -40C to +120C

ThermalSeal RT2RR™ Sealing Films for Real-Time PCR

Catalogue Number	Description	Pack Size
TS-RT2RR-100	ThermalSeal RT2RR 50-µm Thick Sealing Films, Non-sterile	100

AlumaSeal 96™ and 384™ Sealing Films



A 38µm thick aluminum foil sealing film for use with 96- or 384-Well plates.

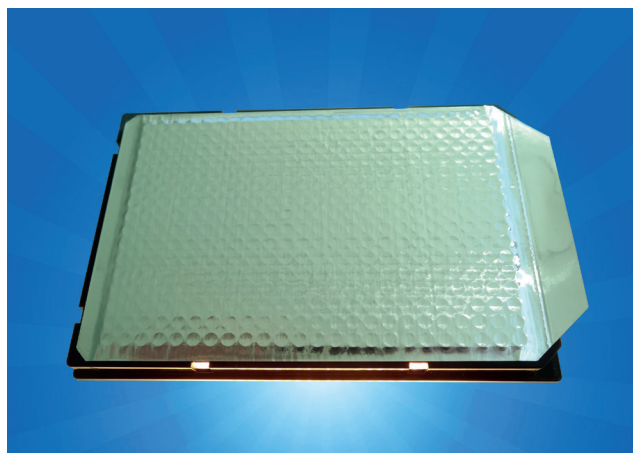
Pierceable. Available non-sterile only.

- Heat and cold resistant, recommended for temperatures from -80C to +120C
- Fits inside rim of raised-rim plate

AlumaSeal 96™ Sealing Films

Catalogue Number	Description	Pack Size
F-96-100	AlumaSeal 96 Sealing Films, Non-sterile	100
F-384-100	AlumaSeal 384 Sealing Films, Non-sterile	100

eXTReme™ FoilSeal™



For high performance under extreme conditions. Ideal for PCR, long term compound storage, light sensitive assays and robotics.

A 48µm soft non-permeable aluminium foil sealing film with 30µm layer of strong acrylic adhesive. Provides an excellent seal for all plate materials (e.g. polystyrene, polypropylene and two component polycarbonate/ polypropylene PCR plates), whilst still removing cleanly from plate surfaces with no adhesive stringing, residue or contamination.

Foils measures 78.3 x 29mm with sufficient sealing area for all plate types (e.g. flat top and raised-rim). Chamfered corners result in no plate overhang for robotics applications. Length between the perforation with end tab removed and the end of the foil seal is 118.1mm.

- Single end-tab features a custom perforation that will not tear during removal
- Excellent barrier properties minimises sample evaporation
- 48µm thick aluminium foil minimises shredding during removal and is ideal for cold storage
- Conformable foil allows visual verification of seal security

eXTReme™ FoilSeal™

Catalogue Number	Description	Pack Size
LW2732	eXTReme™ FoilSeal™ Sealing Foil	100

Microplates and PCR Consumables

AlumaSeal® Roll

Adhesive PCR sealing foils on rolls for use with high-throughput automated microplate sealers.

The Roll-Seal format provides reliable and efficient sealing at a lower cost per plate with minimal user intervention.

Robust static-free packaging provides protection during shipment and facilitates accurate alignment and adhesion.



AlumaSeal® Rolls

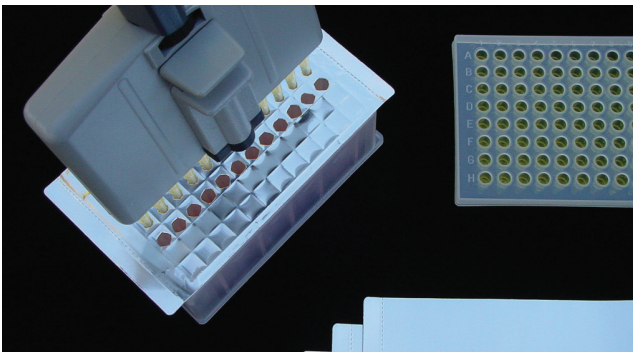
Catalogue Number	Description	Pack Size
LW2722	AlumaSeal® 100m Roll-Seal™ for Automation	Each

AlumaSeal II™ for PCR and Cold Storage

A 36µm soft, non-permeable aluminum foil sealing film with strong medical-grade adhesive, AlumaSeal II™ sealing films eliminate the need for heat-sealing devices or mats during thermal cycling. Each sealing film offers sufficient sealing area for all PCR plates. Compared to other aluminum foils, AlumaSeal II™ has less tendency to roll back on itself when removing the backing paper and conforms well to the plate during application.

Sterile product is packaged in two 100µm tamper-evident bags of 25.

- Easily pierceable with single or multichannel pipettes and robotic probes
- Heat and cold resistant, recommended for temperatures from -80C to +120C
- Excellent barrier properties, virtually no sample evaporation or drying during incubation or storage

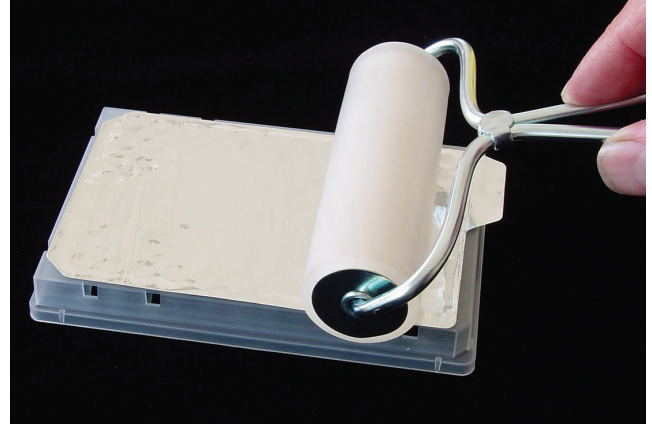


AlumaSeal II™ Sealing Films for PCR and Cold Storage

Catalogue Number	Description	Pack Size
LW2780	AlumaSeal II Sealing Films, Non-sterile	100
LW2781	AlumaSeal II Sealing Films, Sterile	50 (2 x 25)

Sealing Film Accessories

Plate Roller

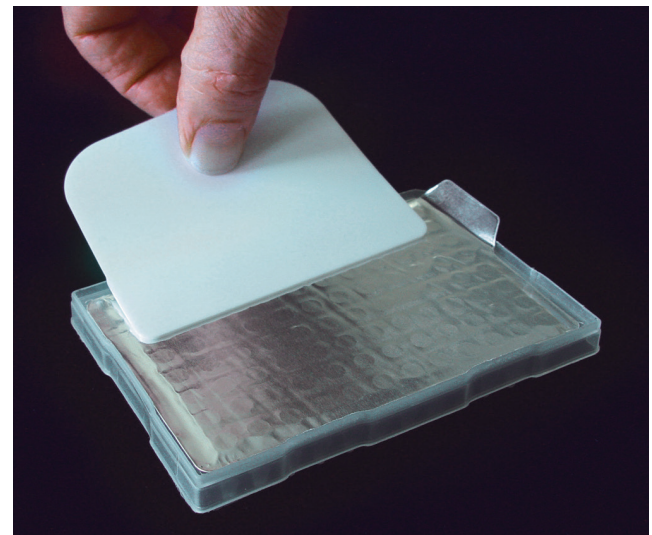


Completing application of sealing films by pressing with the accessory plate roller assures a secure uniform seal around all Wells on 96-Well, 384-Well, and 1536-Well plates.

Plate Roller

Catalogue Number	Description	Pack Size
RL-PLT-01	Accessory: Plate Roller	1

Film-Sealing Paddles



Alternative to plate roller for pressing sealing film to assure a secure uniform seal around all Wells on 96-Well, 384-Well, and 1536-Well plates. Better than plate roller for use with raised-rim plates as the paddle fits within the rim of the plate.

Film-Sealing Paddles

Catalogue Number	Description	Pack Size
PDL-5	Film-Sealing Paddles, Non-sterile	50