

Sealing Films for 96-Well Microplates

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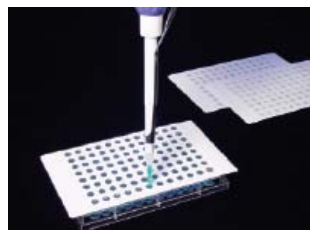


PTFE sealing film has an adhesive free area around each well so plastic pipette tips and metal probes stay clean.

96-Well Pattern Blue PTFE Sealing Film (Patented)

- Solvent-free adhesives adheres to polypropylene, polystyrene and polycarbonate materials
- PTFE film is compatible with aqueous solutions and organic solvents.
- Excellent chemical resistance, resistant to DMSO.
- Works in Autosamplers with no coring of material and no clogging of needles
- Prevents cross-contamination and evaporation
- Adhesive is resistant to leaching and breakdown
- Functional temperatures range -80°C to +120°C.

Cat. No.	Description	Qty
BST-9790	2mil Blue PTFE 96-Well Pattern Film	100
BST-9791	5mil Blue PTFE 96-Well Pattern Film	100



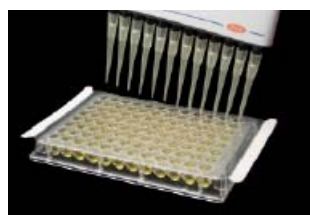
The adhesive-free zone above each well prevents adhesive fouling of the pipet tip or probe, ultimately minimizing the amount of adhesive that comes into contact with the sample.

96-Well Adhesive Free Zone Sealing Film (Patent Pending)

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.

- Dimensions are 79.4mm x 142.9mm for 96-well plates.
- Clear zones and end tabs facilitate well alignment and accurate positioning.
- Inert, chemical resistant.
- Functional temperature range -40°C to +90°C.

Cat. No.	Description	Qty
ZAF-PE-50	Adhesive Free Zone Sealing Film	50



EZ-Pierce™ Sealing Films

EZ-Pierce™ Sealing Films

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

- Dimensions are 82.6mm x 142.9mm for 96-well plates.
- Easily pierceable with pipet tips or robotic probes.
- Inert, chemical resistant.
- Functional temperature range -40°C to +90°C.

Cat. No.	Description	Qty
EZP-NL-100	EZ-Pierce Sealing Film	100

Sealing Films for 96-Well Microplates



A 38 µm thick aluminum foil sealing film for use with 96-well plates. Fits inside the rim of raised-rim plates.

AlumaSeal 96™ Sealing Films

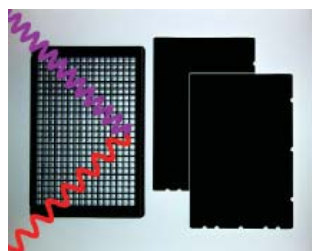
AlumaSeal 96™ sealing films have one partial-width end tab with no perforations.

- Fits inside rim of raised-rim plate.
- Heat & cold resistant, recommended for temperatures from -40°C to +150°C.
- Easily pierceable.
- Certified DNase-, RNase-, and nucleic-acid-free.
- Dimensions: 127mm x 78mm (including single 9.5mm end tab).

Cat. No.	Description	Qty
F-96-100	AlumaSeal 96 Sealing Films	100
PDL-5	Film-Sealing Paddles*	5

* Completing application of AlumaSeal 96 sealing films by pressing with an accessory film-sealing paddles assures a secure uniform seal around all wells. The paddle fits within the rim of a raised-well plate.

AbsorbMax™ Sealing Films for Fluorescence and Photoprotection



AbsorbMax™ Black Sealing Films

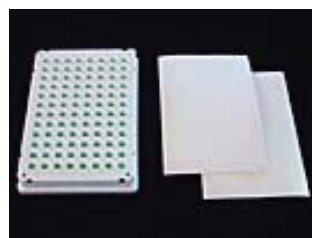
AbsorbMax™ sealing films are 203µm thick black vinyl films with 37µm acrylic adhesive for use with 96-well, 384-well, and 1536-well black microplates. The sealing films may be applied to either the top or bottom of the plate. A split backing aids in applying the sealing film properly. Edge cutouts assist in positioning and accommodate ribs on the plate bottom. The light-blocking and absorbing properties of AbsorbMax™ sealing films make them ideal for protecting light-sensitive samples during storage. In fluorescence applications they reduce stray light and well-to-well crosstalk. For top-reading fluorescence applications, apply the black sealing film to the plate bottom with clear-bottom wells. For bottom-reading fluorescence, use the black sealing film as a top seal.

AbsorbMax™ sealing films will fit within the rim of raised-rim plates.

- Black light-absorbing sealing films for use with black microplates
- May be applied to top or bottom of plate
- Protect light-sensitive samples during storage
- Reduce stray light and crosstalk in fluorescence assays
- Dimensions: 76.2mm x 114.3mm
- Recommended temperature range: -40°C to +80°C.

Cat. No.	Description	Qty
BK-50	AbsorbMax™ Black Sealing Films for Luminescence Assays, Vinyl, 203µm Thick, Opaque, Non-Sterile	50

BrightMax™ Sealing Films for Luminescence and Microscopy



BrightMax™ White Sealing Films

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 application as a backing matrix for microscopy of punchout samples from filter plates, for example in ELISPOT assays. A backing split singly on the long dimension aids in applying film to plates.

- White light-reflecting sealing films for use with white microplates
- May be applied to top or bottom of plate
- Maximize intensity and signal-to-noise ratios in luminescence assays
- Additional applications for mounting and storage of filters for microscopy, for example in ELISPOT assays
- Dimensions: 76.2mm x 116mm with no end tabs
- Recommended temperature range: -40°C to +80°C.

Cat. No.	Description	Qty
WT-50	BrightMax™ White Sealing Films for Fluorescence, Luminescence Photoprotection, Vinyl, 203µm Thick, Opaque, Non-Sterile	50

Sealing Films for 96-Well Microplates



X-Pierce™ Sealing Films

X-Pierce™ Precut Pierceable Sealing Films for Automation

Also useful for protecting contents of plate from contamination during multiple manual reagent additions over time. 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. A precut "X" over each well creates four flaps that easily bend downward when pushed by a robotic probe or pipet tip, allowing sample access without coring or adhesive fouling. A thin adhesive layer and special hairline cuts separating the X-Pierce flaps combine to prevent probes from contacting adhesive and becoming occluded. The flaps return to their original position after sampling for continued protection. For long-term sample protection after sampling, a continuous sealing film should be applied as a second layer.

- Protect samples and limit evaporation, short-term
- Special hairline X-cuts and thin adhesive prevent fouling or occlusion of probes and tips
- Sealing film reseals for continued sample protection after sampling
- Temperatures -40°C to +90°C
- Dimensions: 79.4mm x 145.5mm

Cat. No.	Description	Qty
XP-100	X-Pierce™ Sealing Films, Non-Sterile	100
XPS-25	X-Pierce™ Sealing Films, Sterile	50

Sealing Film for HPLC and LC/MS Applications

Easy Piercing Seal (EPS) punctures easily to prevent needle clogging or damage. In addition, no adhesive residues are left on the plate or injector needle. The EPS plate seal is made of polyolefin and is highly resistant to organic solvents. Some suggested applications are HPLC and LC/MS.

- Self-closes instantly
- High resistance to organic solvents such as DMSO, Acetonitrile, and Methanol
- Embossed design pierces easily to prevent needle clogging or damage
- Works with 96-, 384-, and 1536-well plates
- Airtight sealing between -80°C and +80°C
- Adhesive does not remain on the plate after peeling off
- Dimensions: 80mm x 122mm

Cat. No.	Description	Qty
RAPID EPS	RAPID EPS Easy Piercing Polyolefin Synthetic Adhesive Sealing Film for HPLC and LC/MS Applications	100

The Slit Seal is a resistant, instant self-closing 96-well plate seal. The adhesive-free, pre-cut slits made of silicone and PET allows easy insertion and withdrawal of pipette tips and sampling needles without dragging. The Slit Seal's main purpose is to prevent solvent evaporation and cross-contamination. Some suggested applications are Automation, SPE, HPLC, LC/MS, ADME, and organic synthesis.

- Self-closes instantly
- No cross-contamination between wells
- Allows next day analysis
- No adhesive on well spots
- Pipette tips insert easily with less friction
- Functional temperature range: -80°C to +37°C
- Dimensions: 80mm x 122mm

Cat. No.	Description	Qty
RAPID Slit	RAPID Slit PET Silicone Adhesive Sealing Film Pre-Slit for Automation, SPE, HPLC, LC/MS and ADME	100



Easy Piercing Seal (EPS)



PET Silicone Adhesive Sealing Film



sales@novatech-usa.com
 www.novatech-usa.com
 Tel: (866) 433-6682 Fax: (866) 433-6684
 Tel: (281) 359-8538 Fax: (281) 359-0084