

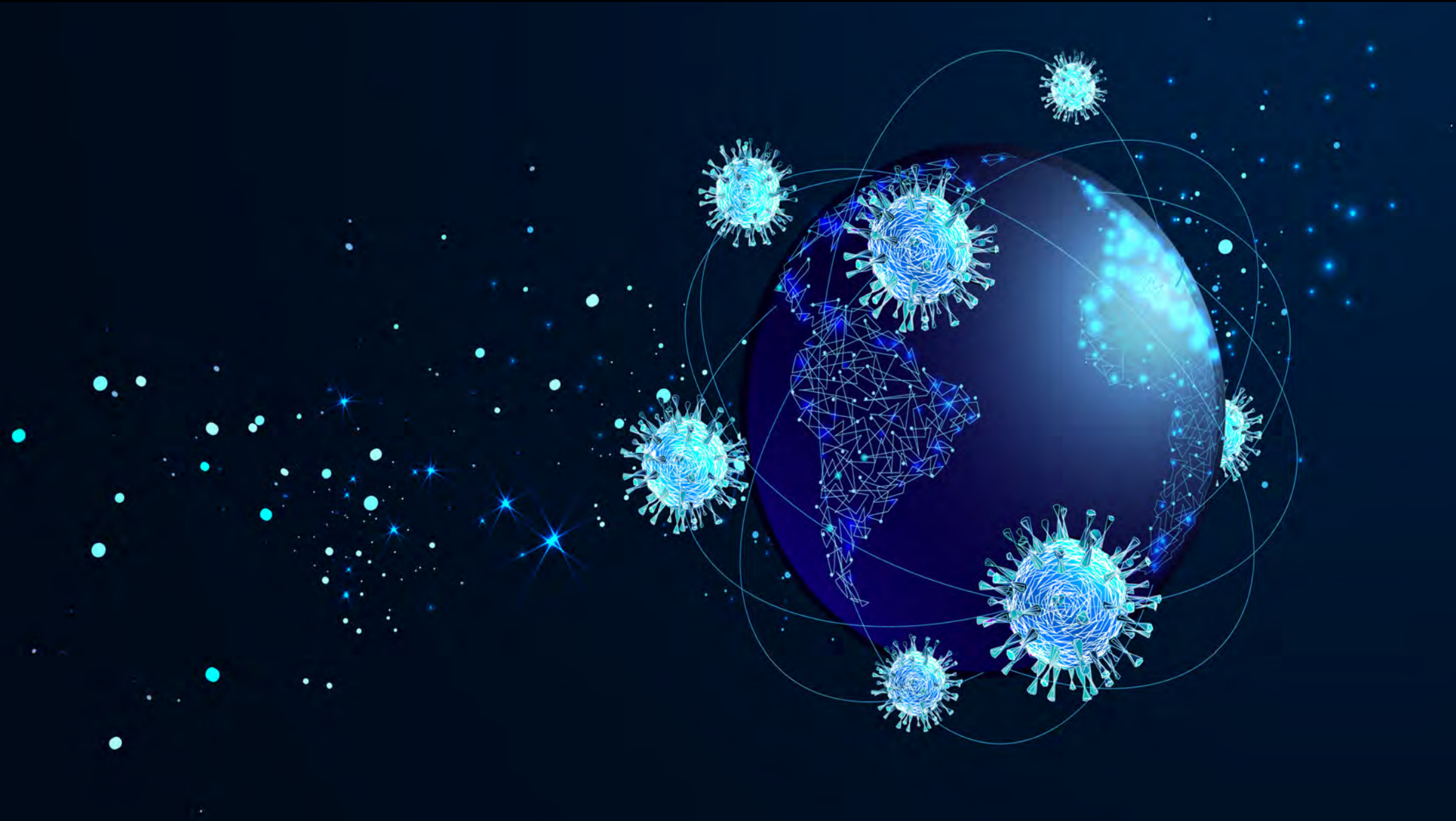
The Roadway to Performance Solutions

Distributed By:

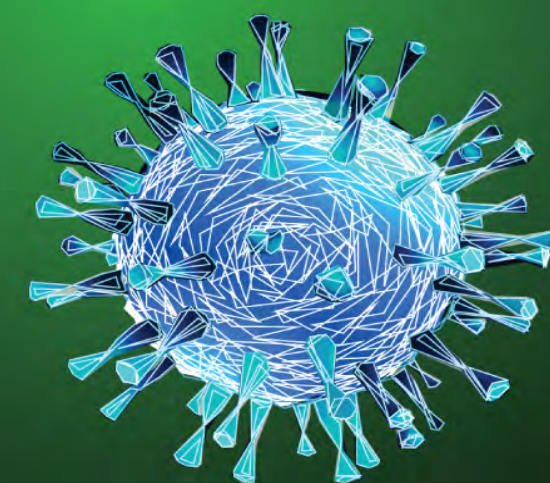
Thomas
Scientific



Plate Sealing



CORONAVIRUS COVID-19



There is an urgent societal need to fight against this deadly virus and eradicate it worldwide. There is a passionate and unifying global desire within the scientific community to collaborate around this common cause.

Our products are being utilized for Covid-19 testing, antibody and vaccine research & development. PCR, bacteriological, and serological testing is being performed globally. Samples are being collected, contained, processed, and stored utilizing uniquely different plate-sealing films and foils that have been developed to meet specific protocols.

Currently, Excel products are used:

- To diagnose patients with Corona Virus symptoms
- To determine if individuals are safe to return to work without fear of becoming infected
- To identify individuals whose antibody concentration is sufficiently high for their blood to be used as a source of antibodies for treatment of patients suffering from the disease
- To support long-term epidemiological studies to track the extent of disease in communities
- To enable the development of therapeutic treatments and the clinical validation of vaccine development

We are committed to providing you with the highest quality products to aide in your research and development efforts.

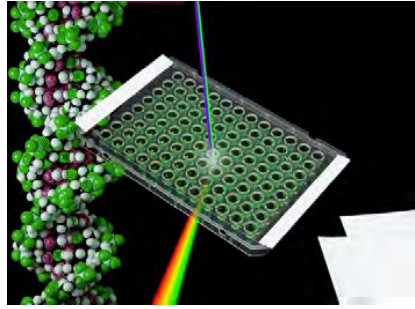
We are committed to providing superior, on-time service during these turbulent and challenging times.

We have the capability and expertise to customize products to your specifications and dimensions to optimize performance for the benefit of society and humankind. Bring us your most challenging applications, and we will design products that meet your exact requirements by choosing the best substrates and adhesive formulations.

We at Excel Scientific are proud to play our small role in this major undertaking.

Bambi Lyn Cahilly
CEO

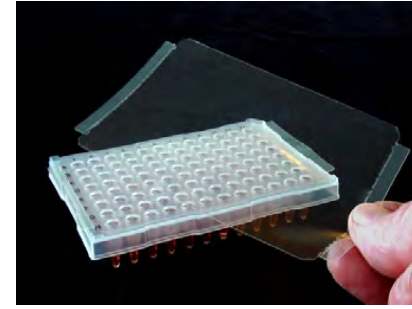
COVID-19 Featured Products



Features a pressure-activated, non-tacky silicone adhesive.

ThermalSeal RTS™

RT-qPCR, Molecular Diagnostic Testing



A cost-effective qPCR optical film.

ThermalSeal RT2RR™

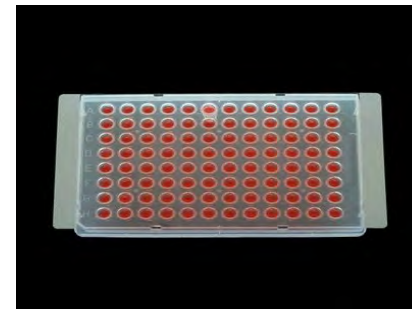
RT-qPCR, Molecular Diagnostic Testing



Quicker and easier to apply than strip caps.

EZcap® 1x8 PCR FilmStrips™

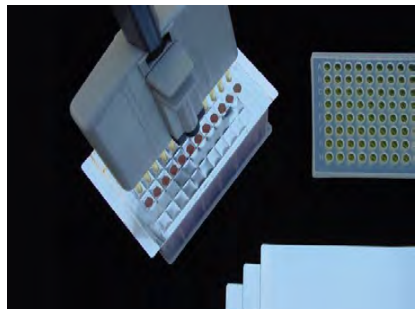
RT-PCR, Molecular Diagnostic Testing
Short-Term Storage



A secure seal that removes cleanly without adhesive residue. Ideal when plates need to be sealed multiple times.

eXTreme™ Seal, Large

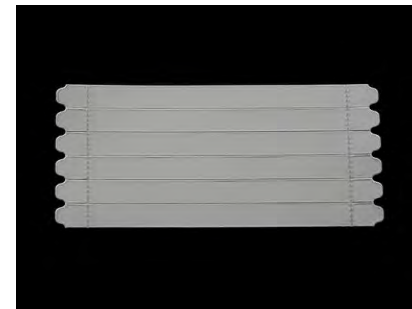
RT-PCR, Molecular Diagnostic Testing
Short-Term Storage



Available sterile and easily pierceable.

AlumaSeal II™

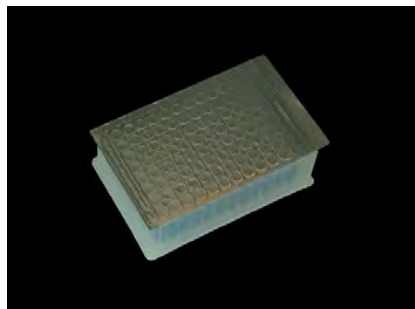
RT-PCR, -80°C Long-Term Storage



Quicker and easier to apply than strip caps.

EZcap™ 1x8 PCR FoilStrips™

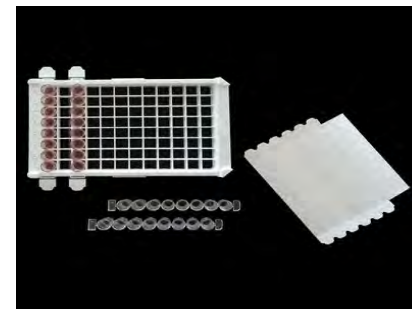
RT-PCR, Short-Term Storage



Ideal for -80° sample storage.

eXTreme™ FoilSeal™, Large

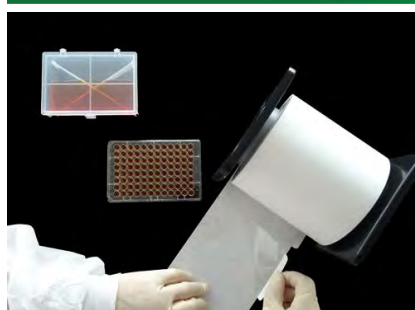
-80°C Long-Term Storage



Can be used as a secondary cover after depositing swabs into deep-well plates.

1x8 MiniStrips™

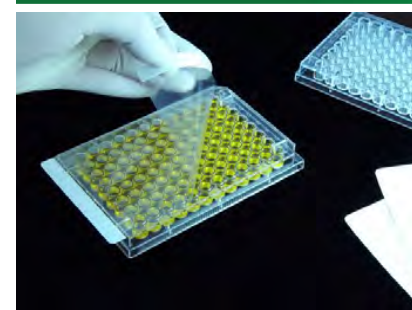
Serology, Antibody Testing
Short-Term Storage



High volume, efficient plate-sealing.

SealPlate® RollMate™

Serology, Antibody Testing
Short-Term Storage



Minimizes evaporation during incubation.

SealPlate®

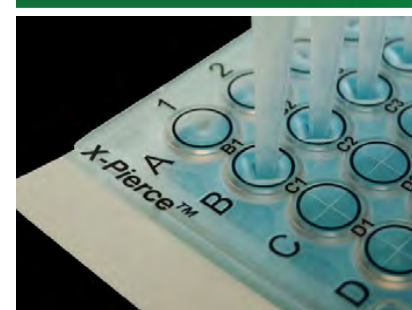
Serology, Antibody Testing
Short-Term Storage



Allows for air and CO₂ exchange.

AeraSeal™

Cell Culture, Vaccine Development



X-cut allows for swab depositing into deep-well plates.

X-Pierce™

Sample Collection

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The Roadway to Performance Solutions



About Excel

Excel Scientific is a high quality, innovative manufacturer of laboratory disposables specializing in adhesive sealing films and foils for microplates; as well as, liquid and sample handling products such as reagent reservoirs and spreaders. Excel's products are engineered to optimize performance in a variety of applications including ELISA, PCR, qPCR, cell/bacteriological/tissue culture, long-term storage, protein crystallography and chromatography. Materials, adhesive formulations, and design characteristics are custom tailored to maximize performance.

MADE IN ★ THE ★ USA



Need Help Choosing?

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Product Selection Guide

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Sealing Accessories

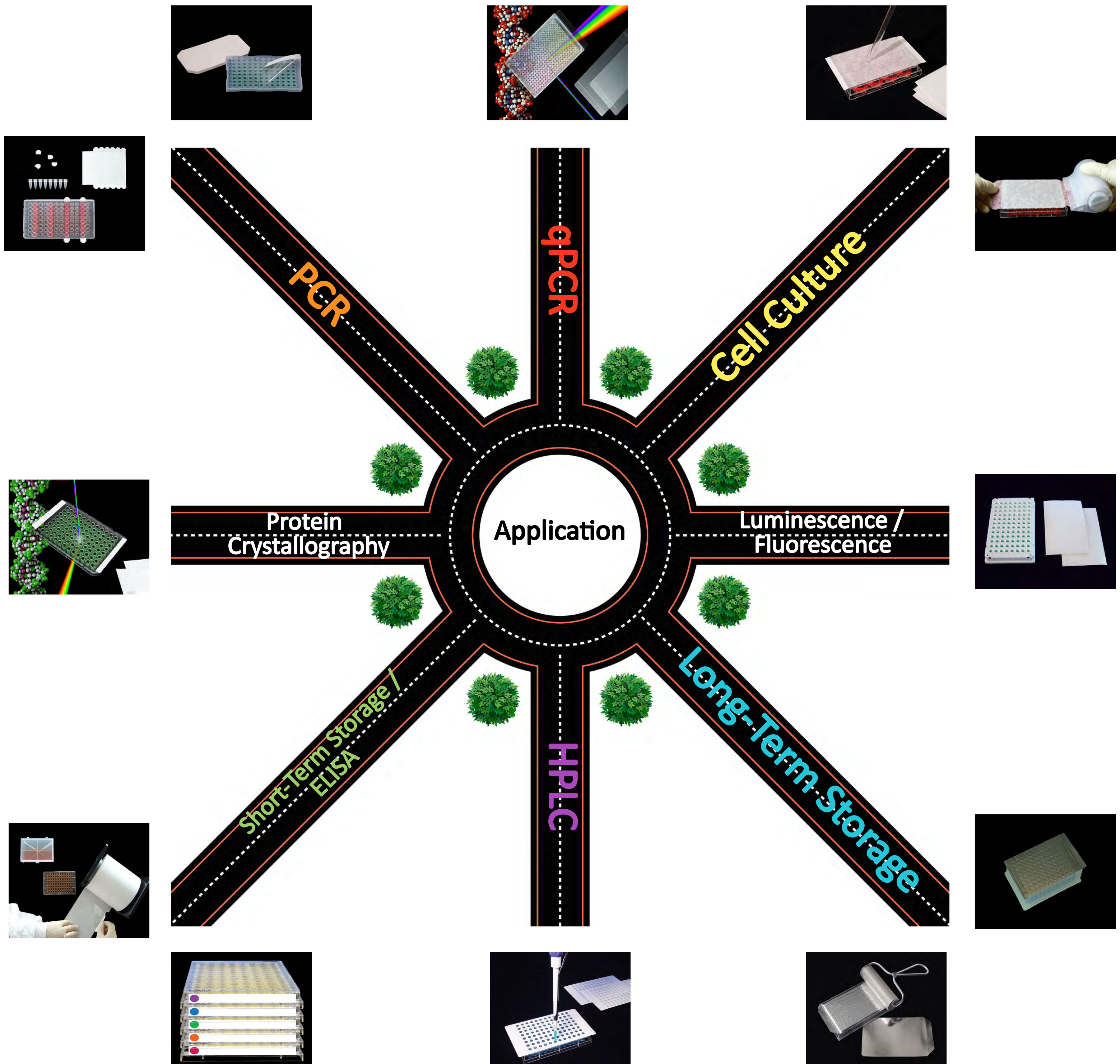
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How to Use the Product Selection Guide



How to Use the Product Selection Guide

◆ Select by **Application** and/or **Attribute** to identify the sealing option that best meets your needs ◆

◆ Films and foils are separated to help you narrow your choices quickly ◆

◆ Major product groupings are delineated with bold black lines ◆

1) Select your Application:

| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Plate/Tube Type | | | | | | | Application | | | | | | Buy Now | | |
|---|--------------------------|--------------------------|----------|---|---|-----|------|---|-------------------|-------------------------------------|-------------------------|------|-----------------------------|------------|---------|--|--|
| | | Non-Skirted / Raised-Rim | Flat-Top | Dual Component (Polycarbonate / Polypropylene) | PCR, 8-Tube Strip / Strip Wells / Single Plate Row | PCR | qPCR | Short-Term Storage/ Incubation / ELISA | Long-Term Storage | Cell / Tissue/ Bacterial Culture | Protein Crystallography | HPLC | Fluorescence / Luminescence | Sonication | | | |
| AeraSeal™ 6980A23 | -20°C to +80°C | | * | | | | | | | * | | | | | | | |
| AeraSeal™, Sterile 6980A25 | -20°C to +80°C | | * | | | | | | | * | | | | | | | |
| eXTreme™ Seal 1176B60 | -20°C to +120°C | * | * | | | | * | | | | | | | | | | |
| eXTreme™ Seal, Large 1150Q16 | -20°C to +120°C | | * | | | | * | | | | | | | | | | |
| ThermalSeal A™ 1222K40 | -40°C to +120°C | | | | | | * | | | | | | | | | | |

2) Choose your Plate Type:

- Non-Skirted / Raised-Rim
- Flat-Top, Semi-Skirted and Full-Skirted
- Hard-Shell®, Dual Component (Polycarbonate / Polypropylene)

3) Decide if you Prefer Film or Foil:

- Film
 - Optically clear or transparent
 - Easy to handle, apply and remove; does not curl or tear
- Foil
 - Pierceable
 - Light blocking for light sensitive assays
 - Provides visual verification of the seal's integrity

4) Finalize your Selection by Attribute:

| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Product Attribute | | | | | | | | Material Construction | | Buy Now |
|---|--------------------------|-------------------|----------------------|----------------------|------------|-----------------|-------------|----------------|------------|-------------------------------------|-----------------------------|---------|
| | | Sterile | DNase- & RNase- Free | Chemically Resistant | Pierceable | Optically Clear | Transparent | Light Blocking | Breathable | Film / Foil Thickness | Adhesive Thickness | |
| AeraSeal™ 6980A23 | -20°C to +80°C | | | | * | | | | * | Rayon / Acrylic 5.5mil / 139.7µm | | |
| AeraSeal™, Sterile 6980A25 | -20°C to +80°C | * | | | * | | | | * | Rayon / Acrylic 5.5mil / 139.7µm | | |
| eXTreme™ Seal 1176B60 | -20°C to +120°C | | * | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| eXTreme™ Seal, Large 1150Q16 | -20°C to +120°C | | * | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| ThermalSeal A™ 1222K40 | -40°C to +120°C | | * | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |



Product Selection Guide by Application

| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Plate/Tube Type | | | | | | Application | | | | | | Buy Now | | |
|---|--------------------------|--------------------------|----------|---|--|-----|------|---|-------------------|--------------------------------------|-------------------------|------|-----------------------------|---------|------------|--|
| | | Non-Skirted / Raised-Rim | Flat-Top | Dual Component (Polycarbonate / Polypropylene) | PCR 8-Tube Strip / Strip Wells / Single Plate Row | PCR | qPCR | Short-Term Storage/ Incubation / ELISA | Long-Term Storage | Cell / Tissue / Bacterial Culture | Protein Crystallography | HPLC | Fluorescence / Luminescence | | Sonication | |
| SealPlate® RollMate™ 1150Q15 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® 6980A01 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate®, Sterile 6980A03 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| 1x8 MiniStrips™ 20A00H055 | -40°C to +120°C | | * | | * | | | * | | | | | | | | |
| 1x8 MiniStrips™, Sterile 20A00H056 | -40°C to +120°C | | * | | * | | | * | | | | | | | | |
| SealPlate® 2x8 MiniStrips™ 6980A02 | -40°C to +120°C | | * | | * | | | * | | | | | | | | |
| SealPlate® 2x8 MiniStrips™, Sterile 6980A04 | -40°C to +120°C | | * | | * | | | * | | | | | | | | |
| SealPlate® ColorTab™, Assorted 1232X05 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® ColorTab™, Blue 1230Y20 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® ColorTab™, Green 1230Y16 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® ColorTab™, Lavender 1230Y17 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® ColorTab™, Orange 1230Y18 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealPlate® ColorTab™, Red 1230Y19 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| ThinSeal™ 6980A05 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| ThinSeal™, Sterile 6980A07 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| General Purpose Film 20A00H053 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| General Purpose Film, Sterile 20A00H054 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| ValueSeal™ 20A00M366 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealMate™ SealPlate® Kit 1218R39 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealMate™ SealPlate® Rolls 1218R43 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealMate™ SealPlate® Kit, Sterile 1218R40 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealMate™ SealPlate® Rolls, Sterile 1218R44 | -40°C to +120°C | | * | | | | | * | | | | | | | | |
| SealMate™ AeraSeal™ Kit 1218R41 | -20°C to +80°C | | * | | | | | | | * | | | | | | |
| SealMate™ AeraSeal™ Rolls 1218R45 | -20°C to +80°C | | * | | | | | | | * | | | | | | |
| SealMate™ AeraSeal™ Kit, Sterile 1218R42 | -20°C to +80°C | | * | | | | | | | * | | | | | | |
| SealMate™ AeraSeal™ Rolls, Sterile 1218R46 | -20°C to +80°C | | * | | | | | | | * | | | | | | |



Product Selection Guide by Attribute

EXCEL Scientific



| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Product Attribute | | | | | | | Material Construction | | Buy Now | |
|---|--------------------------|-------------------|----------------------|----------------------|------------|-----------------|-------------|----------------|-----------------------|-----------------------------------|-----------------------------|--------------------|
| | | Sterile | DNase- & RNase- Free | Chemically Resistant | Pierceable | Optically Clear | Transparent | Light Blocking | Breathable | Film / Foil Thickness | | Adhesive Thickness |
| SealPlate® RollMate™ 1150Q15 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® 6980A01 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate®, Sterile 6980A03 | -40°C to +120°C | * | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| 1x8 MiniStrips™ 20A00H055 | -40°C to +120°C | | * | | | | | * | | Polypropylene 2.0mil / 50.8µm | Acrylic 0.95mil / 24.1µm | |
| 1x8 MiniStrips™, Sterile 20A00H056 | -40°C to +120°C | * | * | | | | | * | | Polypropylene 2.0mil / 50.8µm | Acrylic 0.95mil / 24.1µm | |
| SealPlate® 2x8 MiniStrips™ 6980A02 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® 2x8 MiniStrips™, Sterile 6980A04 | -40°C to +120°C | * | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Assorted 1232X05 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Blue 1230Y20 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Green 1230Y16 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Lavender 1230Y17 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Orange 1230Y18 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealPlate® ColorTab™, Red 1230Y19 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| ThinSeal™ 6980A05 | -40°C to +120°C | | | * | | | | * | | Polyester 1.0mil / 25.4µm | Acrylic 0.95mil / 24.1µm | |
| ThinSeal™, Sterile 6980A07 | -40°C to +120°C | * | | * | | | | * | | Polyester 1.0mil / 25.4µm | Acrylic 0.95mil / 24.1µm | |
| General Purpose Film 20A00H053 | -40°C to +120°C | | * | | | | | * | | Polypropylene 2.0mil / 50.8µm | Acrylic 1.0mil / 25.4µm | |
| General Purpose Film, Sterile 20A00H054 | -40°C to +120°C | * | * | | | | | * | | Polypropylene 2.0mil / 50.8µm | Acrylic 1.0mil / 25.4µm | |
| ValueSeal™ 20A00M366 | -40°C to +120°C | | | | | | | * | | Polyester 2.0mil / 50.8µm | Acrylic 1.05mil / 26.7µm | |
| SealMate™ SealPlate® Kit 1218R39 | -40°C to +120°C | | | | | | | * | | Polyester 1.5mil / 38.1µm | Acrylic 1.05mil / 26.7µm | |
| SealMate™ SealPlate® Rolls 1218R43 | -40°C to +120°C | | | | | | | * | | Polyester 1.5mil / 38.1µm | Acrylic 1.05mil / 26.7µm | |
| SealMate™ SealPlate® Kit, Sterile 1218R40 | -40°C to +120°C | * | | | | | | * | | Polyester 1.5mil / 38.1µm | Acrylic 1.05mil / 26.7µm | |
| SealMate™ SealPlate® Rolls, Sterile 1218R44 | -40°C to +120°C | * | | | | | | * | | Polyester 1.5mil / 38.1µm | Acrylic 1.05mil / 26.7µm | |
| SealMate™ AeraSeal™ Kit 1218R41 | -20°C to +80°C | | | * | | | | * | | Rayon/Acrylic 5.5mil / 139.7µm | | |
| SealMate™ AeraSeal™ Rolls 1218R45 | -20°C to +80°C | | | * | | | | * | | Rayon/Acrylic 5.5mil / 139.7µm | | |
| SealMate™ AeraSeal™ Kit, Sterile 1218R42 | -20°C to +80°C | * | | * | | | | * | | Rayon/Acrylic 5.5mil / 139.7µm | | |
| SealMate™ AeraSeal™ Rolls, Sterile 1218R46 | -20°C to +80°C | * | | * | | | | * | | Rayon/Acrylic 5.5mil / 139.7µm | | |



Product Selection Guide by Application

EXCEL Scientific



| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Plate/Tube Type | | | | | | Application | | | | | | Buy Now | | |
|---|--------------------------|--------------------------|----------|---|--|-----|------|---|-------------------|--------------------------------------|-------------------------|------|-----------------------------|---------|------------|--|
| | | Non-Skirted / Raised-Rim | Flat-Top | Dual Component (Polycarbonate / Polypropylene) | PCR 8-Tube Strip / Strip Wells / Single Plate Row | PCR | qPCR | Short-Term Storage/ Incubation / ELISA | Long-Term Storage | Cell / Tissue / Bacterial Culture | Protein Crystallography | HPLC | Fluorescence / Luminescence | | Sonication | |
| AeraSeal™ 6980A23 | -20°C to +80°C | | * | | | | | | | * | | | | | | |
| AeraSeal™, Sterile 6980A25 | -20°C to +80°C | | * | | | | | | | * | | | | | | |
| eXTReme™ Seal 1176B60 | -20°C to +120°C | * | * | | | * | | | | | | | | | | |
| eXTReme™ Seal, Large 1150Q16 | -20°C to +120°C | | * | | | * | | | | | | | | | | |
| ThermalSeal A™ 1222K40 | -40°C to +120°C | * | | | | * | | | | | | | | | | |
| ThermalSeal 2™ 1204C20 | -40°C to +120°C | | * | | | * | | | | | | | | | | |
| ThermalSeal® 6980A10 | -40°C to +120°C | | * | | | * | | | | | | | | | | |
| ThermalSeal®, Sterile 6980A13 | -40°C to +120°C | | * | | | * | | | | | | | | | | |
| EZcap® 1x8 PCR FilmStrips™ 1150Q18 | -20°C to +120°C | | * | | * | * | | | | | | | | | | |
| ThermalSeal® 2x8 MiniStrips™ 1230Y23 | -40°C to +120°C | | | | | * | | | | | | | | | | |
| ThermalSeal RTS™ 1222K41 | -80°C to +105°C | * | * | | | | | * | | * | * | | | | | |
| ThermalSeal RTS™, Sterile 1187A11 | -80°C to +105°C | * | * | | | | | * | | * | * | | | | | |
| ThermalSeal RT2RR™ 1232X09 | -40°C to +120°C | * | * | * | | | | * | | | | | | | | |
| ThermalSeal RT2™ 6980A11 | -40°C to +120°C | | * | * | | | | * | | | | | | | | |
| X-Pierce™ 1230Y21 | -40°C to +90°C | | * | | | | | | | | * | | * | | | |
| X-Pierce™, Sterile 1230Y22 | -40°C to +90°C | | * | | | | | | | | * | | * | | | |
| Zone-Free™ 6980A43 | -40°C to +90°C | | * | | | | | | | | * | | | | | |
| AbsorbMax™ 1230Y26 | -40°C to +80°C | | * | | | | | | | | | * | | | | |
| BrightMax™ 1222K42 | -40°C to +80°C | | * | | | | | | | | | * | | | | |
| FoilSeal™ 20A00M368 | -20°C to +120°C | * | * | | | * | | | | | | | | | | |
| FoilSeal™, Sterile 20A00M369 | -20°C to +120°C | * | * | | | * | | | | | | | | | | |
| EZcap™ 1x8 PCR FoilStrips™ 1150Q19 | -20°C to +120°C | | * | | * | * | | | | | | | | | | |
| FoilSeal™ RollMate™ 1150Q17 | -20°C to +120°C | * | * | | | * | | | | | | | | | | |
| AlumaSeal II™ 6106W41 | -80°C to +120°C | | * | * | | * | | * | | | | | | | | |
| AlumaSeal II™, Sterile 6106W43 | -80°C to +120°C | | * | * | | * | | * | | | | | | | | |
| AlumaSeal® 96™ 1232X07 | -80°C to +120°C | * | | | | * | | * | | | | | | | | |
| AlumaSeal® 384™ 1232X08 | -80°C to +120°C | | * | | | * | | * | | | | | | | | |
| eXTReme™ FoilSeal™ 1180W00 | -80°C to +120°C | * | * | | | | | * | | | | | | | | |
| eXTReme™ FoilSeal™, Large 20A00M367 | -80°C to +120°C | | * | | | | | * | | | | | | | | |



Product Selection Guide by Attribute

EXCEL Scientific



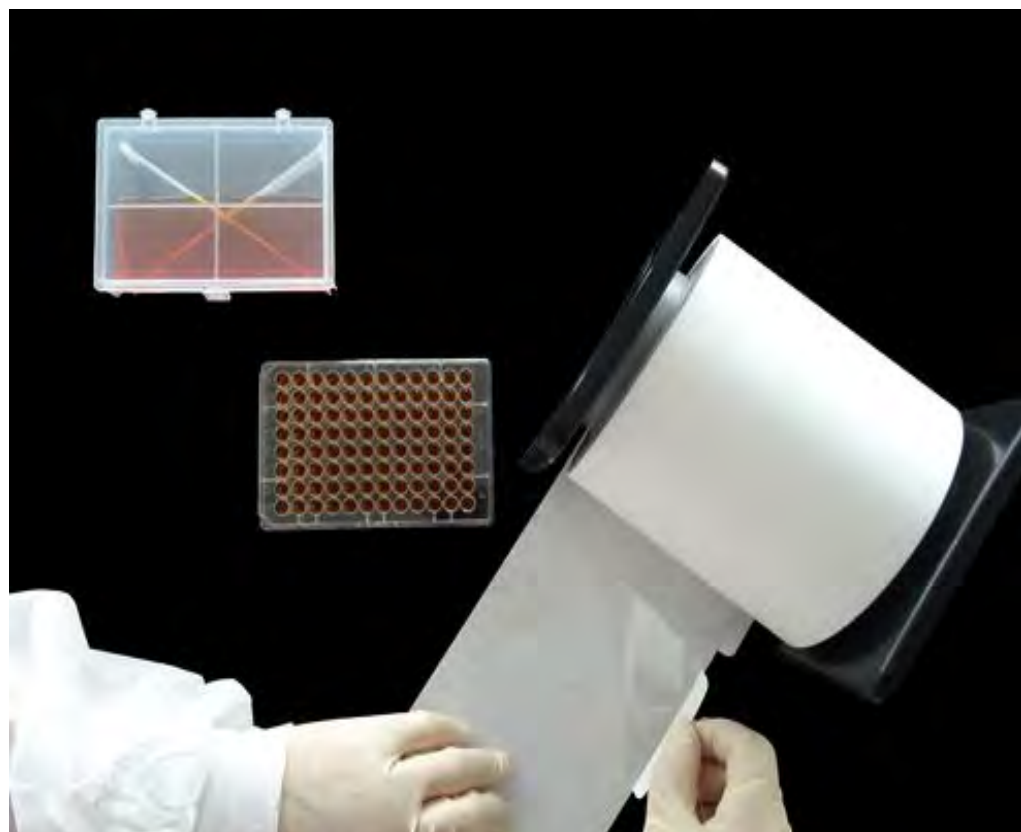
| Product Name Catalog # (Click Below for Product Link) | Functional Temp Range | Product Attribute | | | | | | | | Material Construction | | Buy Now |
|---|--------------------------|-------------------|----------------------|----------------------|------------|-----------------|-------------|----------------|------------|-------------------------------------|-----------------------------|---------|
| | | Sterile | DNase- & RNase- Free | Chemically Resistant | Pierceable | Optically Clear | Transparent | Light Blocking | Breathable | Film / Foil Thickness | Adhesive Thickness | |
| AeraSeal™ 6980A23 | -20°C to +80°C | | | | * | | | | * | Rayon / Acrylic 5.5mil / 139.7µm | | |
| AeraSeal™, Sterile 6980A25 | -20°C to +80°C | * | | | * | | | | * | Rayon / Acrylic 5.5mil / 139.7µm | | |
| eXTReme™ Seal 1176B60 | -20°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| eXTReme™ Seal, Large 1150Q16 | -20°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| ThermalSeal A™ 1222K40 | -40°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| ThermalSeal 2™ 1204C20 | -40°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| ThermalSeal® 6980A10 | -40°C to +120°C | | * | | | | | | * | Polypropylene 2.0mil / 50.8µm | Acrylic 0.95mil / 24.1µm | |
| ThermalSeal®, Sterile 6980A13 | -40°C to +120°C | * | * | | | | | | * | Polypropylene 2.0mil / 50.8µm | Acrylic 0.95mil / 24.1µm | |
| EZcap® 1x8 PCR FilmStrips™ 1150Q18 | -20°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 1.65mil / 41.9µm | |
| ThermalSeal® 2x8 MiniStrips™ 1230Y23 | -40°C to +120°C | | * | | | | | | * | Polyester 2.0mil / 50.8µm | Acrylic 0.95mil / 24.1µm | |
| ThermalSeal RTS™ 1222K41 | -80°C to +105°C | | * | * | | * | | | | Polyolefin 2.0mil / 50.8µm | Silicone 2.0mil / 50.8µm | |
| ThermalSeal RTS™, Sterile 1187A11 | -80°C to +105°C | * | * | * | | * | | | | Polyolefin 2.0mil / 50.8µm | Silicone 2.0mil / 50.8µm | |
| ThermalSeal RT2RR™ 1232X09 | -40°C to +120°C | | * | | | * | | | | Polyester 2.0mil / 50.8µm | Acrylic 1.15mil / 29.2µm | |
| ThermalSeal RT2™ 6980A11 | -40°C to +120°C | | * | | | * | | | | Polyester 2.0mil / 50.8µm | Acrylic 1.15mil / 29.2µm | |
| X-Pierce™ 1230Y21 | -40°C to +90°C | | | | * | | * | | | Vinyl 3.5mil / 88.9µm | Acrylic 0.7mil / 17.8µm | |
| X-Pierce™, Sterile 1230Y22 | -40°C to +90°C | * | | | * | | * | | | Vinyl 3.5mil / 88.9µm | Acrylic 0.7mil / 17.8µm | |
| Zone-Free™ 6980A43 | -40°C to +90°C | | | | * | | * | | | Polyethylene 2.75mil / 69.9µm | Acrylic 1.05mil / 26.7µm | |
| AbsorbMax™ 1230Y26 | -40°C to +80°C | | | | | | | * | | Vinyl 8.0mil / 203.2µm | Acrylic 1.45mil / 36.8µm | |
| BrightMax™ 1222K42 | -40°C to +80°C | | | | | | | * | | Vinyl 8.0mil / 203.2µm | Acrylic 1.45mil / 36.8µm | |
| FoilSeal™ 20A00M368 | -20°C to +120°C | | * | | * | | | * | | Aluminum Foil 2.0mil / 50.8µm | Acrylic 1.45mil / 36.8µm | |
| FoilSeal™, Sterile 20A00M369 | -20°C to +120°C | * | * | | * | | | * | | Aluminum Foil 2.0mil / 50.8µm | Acrylic 1.45mil / 36.8µm | |
| EZcap™ 1x8 PCR FoilStrips™ 1150Q19 | -20°C to +120°C | | * | | * | | | * | | Aluminum Foil 2.0mil / 50.8µm | Acrylic 1.45mil / 36.8µm | |
| FoilSeal™ RollMate™ 1150Q17 | -20°C to +120°C | | * | | * | | | * | | Aluminum Foil 2.0mil / 50.8µm | Acrylic 1.45mil / 36.8µm | |
| AlumaSeal II™ 6106W41 | -80°C to +120°C | | * | * | * | | | * | | Aluminum Foil 1.4mil / 35.6µm | Acrylic 1.1mil / 27.9µm | |
| AlumaSeal II™, Sterile 6106W43 | -80°C to +120°C | * | * | * | * | | | * | | Aluminum Foil 1.4mil / 35.6µm | Acrylic 1.1mil / 27.9µm | |
| AlumaSeal® 96™ 1232X07 | -80°C to +120°C | | * | | * | | | * | | Aluminum Foil 1.5mil / 38.1µm | Acrylic 1.48mil / 37.6µm | |
| AlumaSeal® 384™ 1232X08 | -80°C to +120°C | | * | | * | | | * | | Aluminum Foil 1.5mil / 38.1µm | Acrylic 1.48mil / 37.6µm | |
| eXTReme™ FoilSeal™ 1180W00 | -80°C to +120°C | | * | * | * | | | * | | Aluminum Foil 1.9mil / 48.3µm | Acrylic 1.2mil / 30.5µm | |
| eXTReme™ FoilSeal™, Large 20A00M367 | -80°C to +120°C | | * | * | * | | | * | | Aluminum Foil 1.9mil / 48.3µm | Acrylic 1.2mil / 30.5µm | |



Sealing Films

EXCEL Scientific

Plate-Sealing



SealPlate® RollMate™

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

Application:

General laboratory use, short-term storage, incubation and ELISA

Temperature Range:

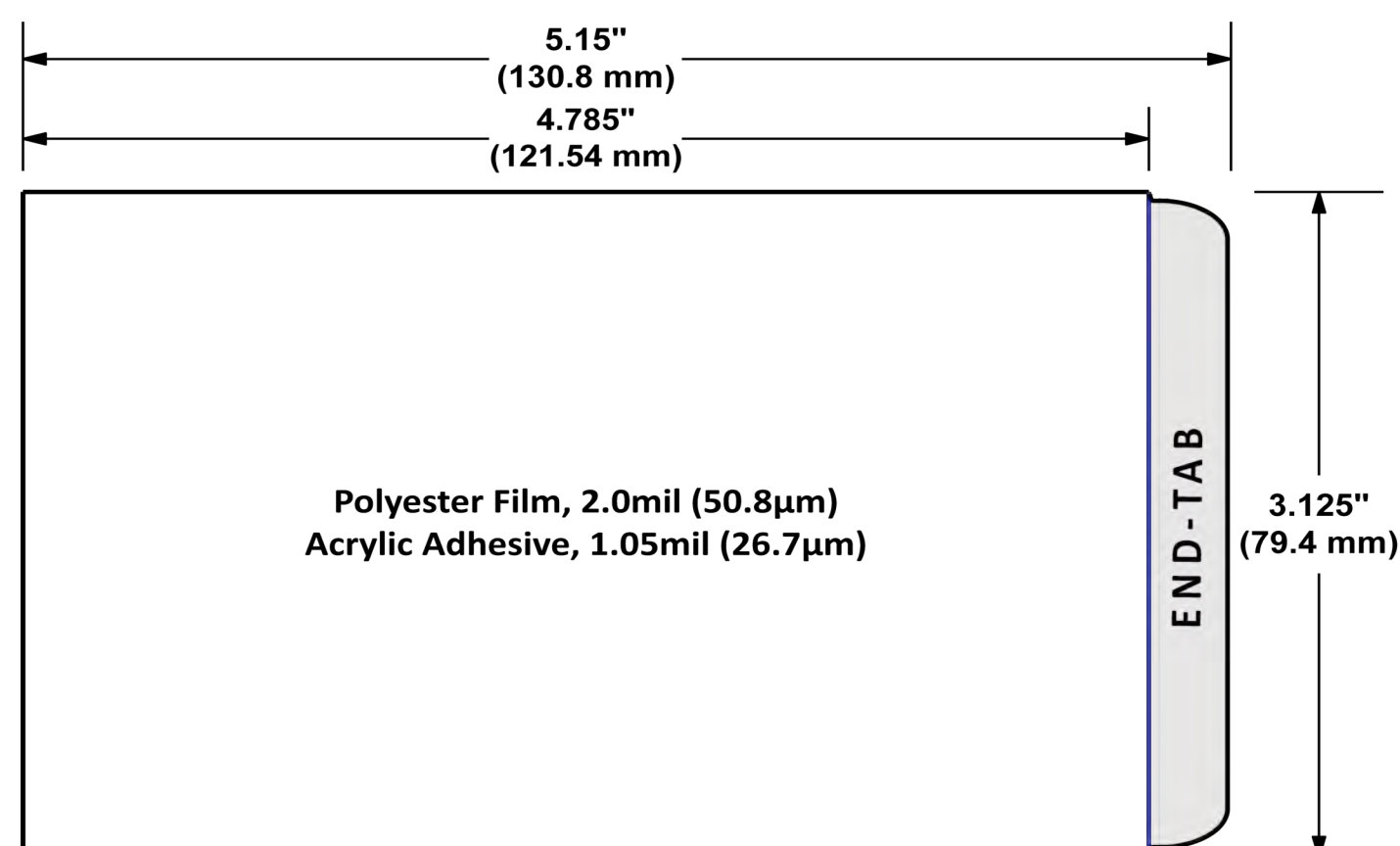
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------------|-----------|
| 1150Q15 | SealPlate RollMate | 500/Roll |

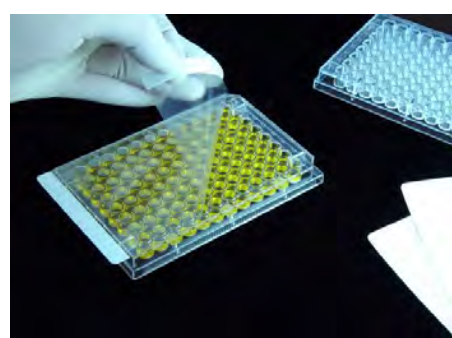
Pre-scored film on a roll is a more economical and efficient alternative to rapidly seal microplates or racked test tubes; faster than applying single sheeted film. Self-standing, non-slip supports hold the pre-scored film roll securely in place for quick and easy bench-top dispensement. The roll unwind tension can be easily adjusted to user preference. Continuous backing liner can be torn off or fed directly into a waste basket for disposal.

- Economical
- Quicker, more efficient sealing
- Provides a secure seal and is easy to remove
- Rigid polyester film features good clarity and easy handling
- Can be used as a temporary seal while awaiting further processing

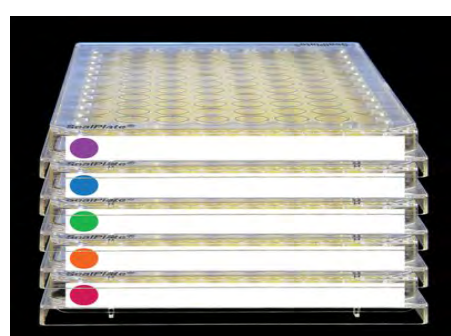
"For an equivalent product in a sheeted format, link below to ValueSeal films"



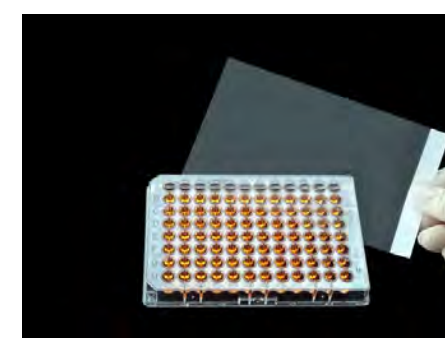
Similar Products



SealPlate



SealPlate
ColorTab



ValueSeal



General
Purpose



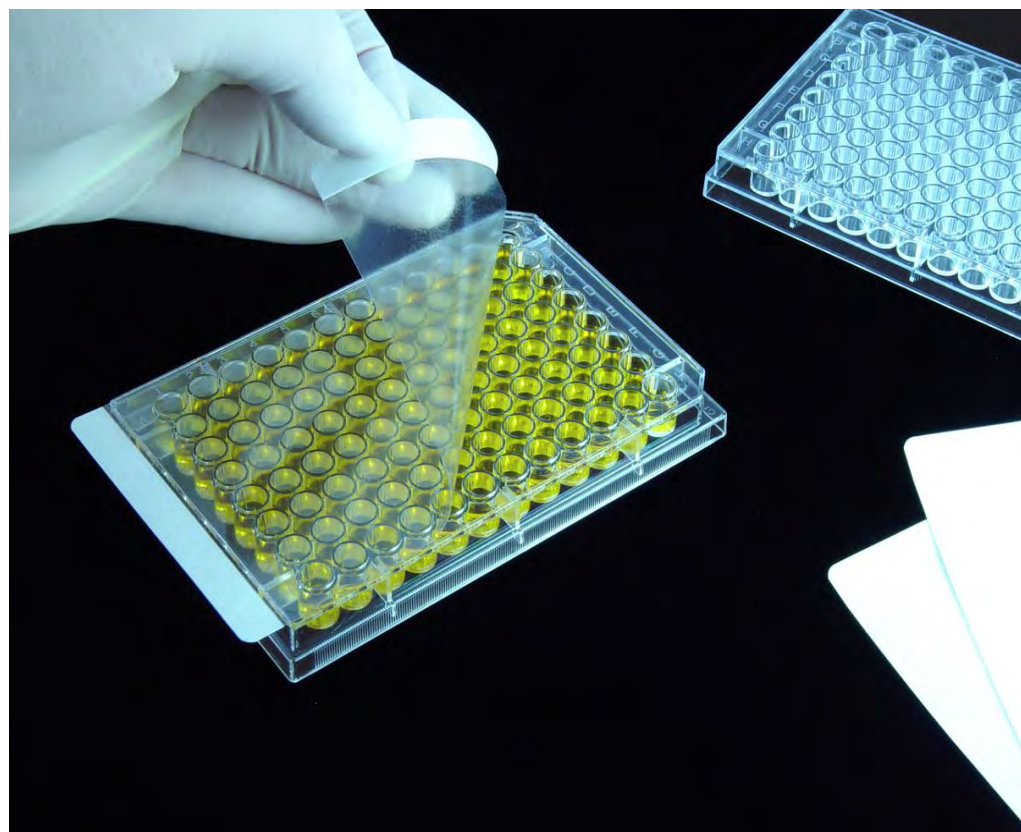
SealMate



Sealing Films

EXCEL Scientific

Plate-Sealing



SealPlate®

The industry standard for sample protection

Application:

General laboratory use, short-term storage, incubation and ELISA

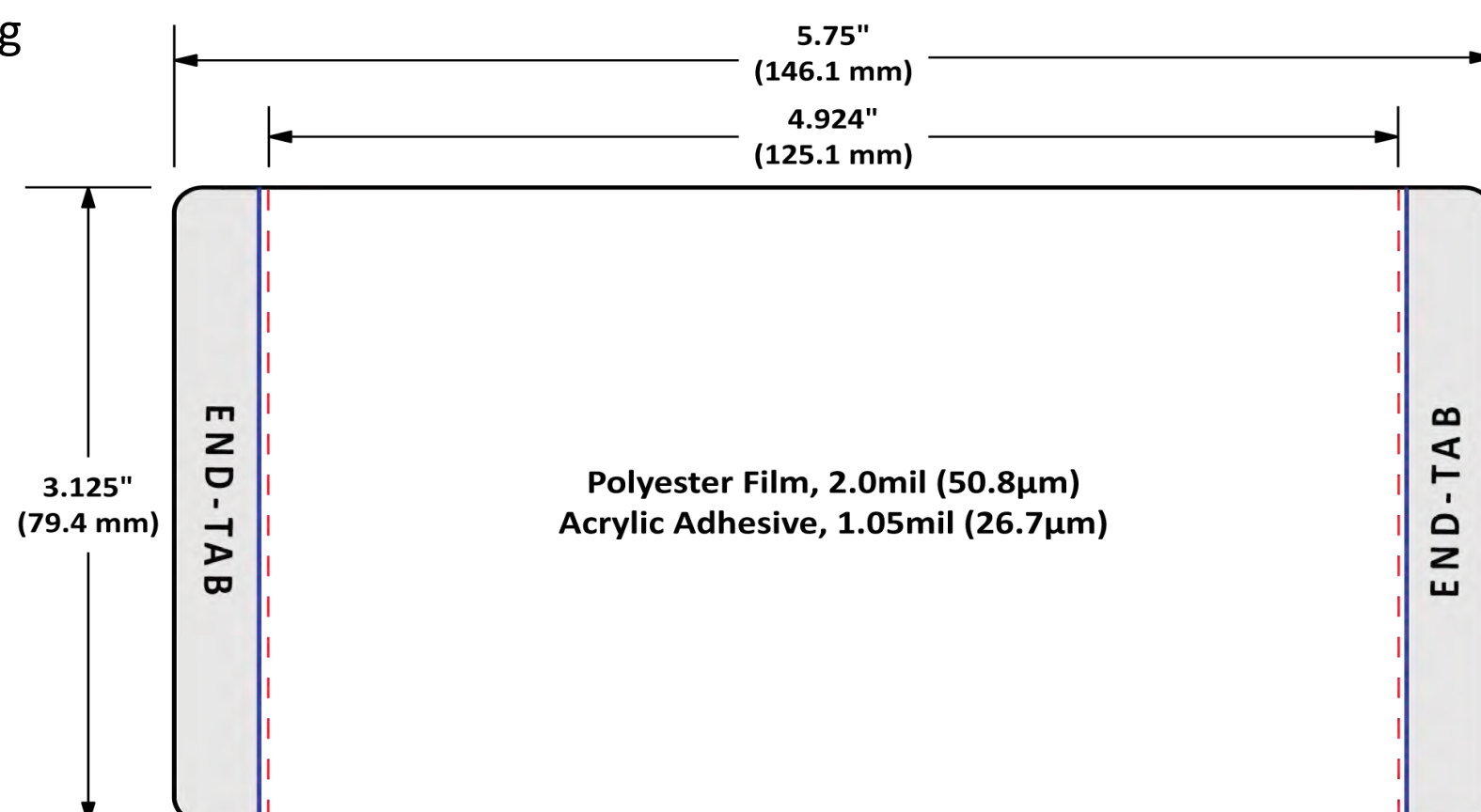
Temperature Range:

-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------------|-----------|
| 6980A01 | SealPlate | 100 |
| 6980A03 | SealPlate, Sterile | 100 |

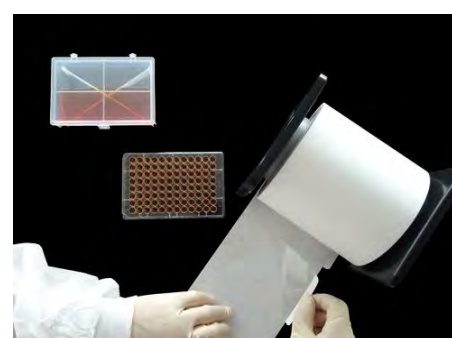
SealPlate minimizes evaporation, prevents well-to-well contamination and spillage. Eliminates the “edge effect” which can occur with plate lids (e.g. greater evaporation in the outside plate wells).

- Provides a secure seal and is easy to remove
- Rigid polyester film features good clarity and easy handling
- Can be used as a temporary economical seal while awaiting further processing
- Features two end-tabs with perforations

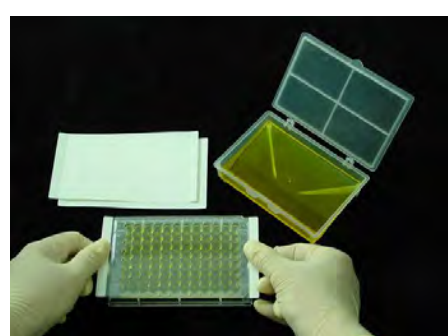


"For color-coding and plate identification, link below to SealPlate ColorTab films"

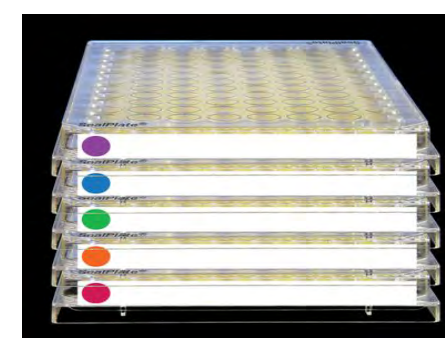
Similar Products



SealPlate RollMate



ThinSeal



SealPlate ColorTab



General Purpose

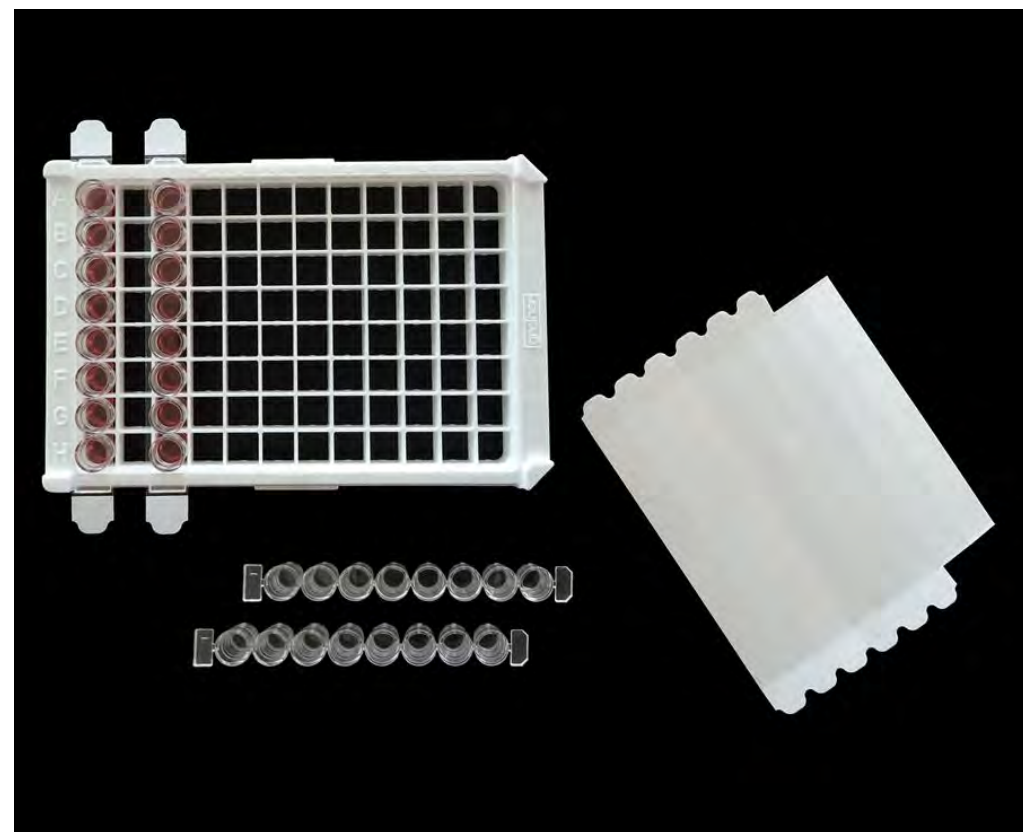


SealMate



Sealing Films

EXCEL Scientific



1x8 MiniStrips™

For sealing only one 8-well row of a 96-well plate

Application:

General laboratory use, incubation and ELISA

Temperature Range:

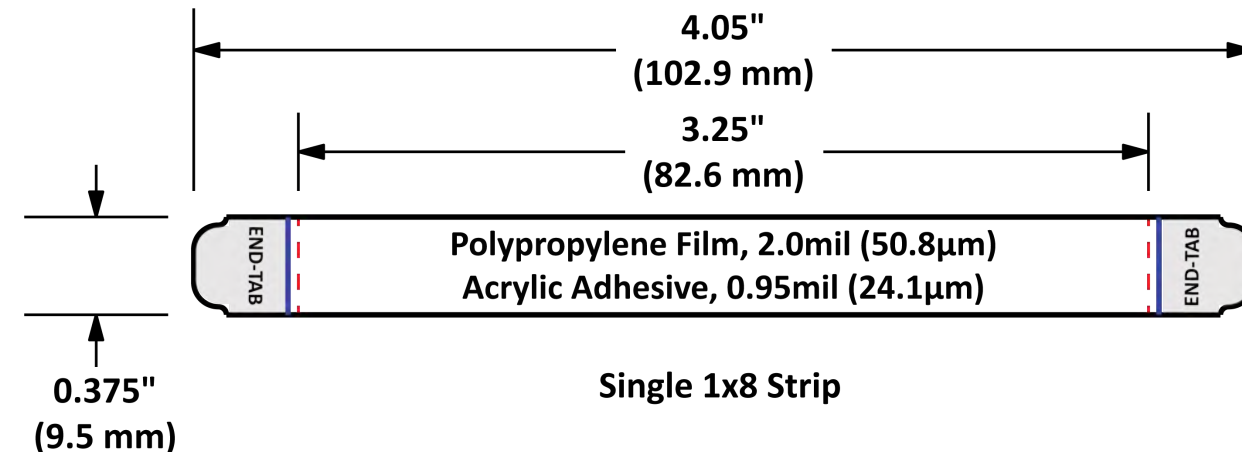
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------------|-----------|
| 20A00H055 | 1x8 MiniStrips | 400 |
| 20A00H056 | 1x8 MiniStrips, Sterile | 400 |

1x8 MiniStrips are less expensive than full-size sheets when using only a partial plate. Designed for use with either 1x8 strip-well ELISA plates or standard 96-well plates where rows must be selectively protected or accessed. Ideal for COVID-19 testing to seal a row of 8 wells after swabs are deposited into a deep-well plate.

- Certified DNase- & RNase- free
- A pliable polypropylene film minimizes aerosols upon removal
- Each sheet contains 8 strips on a continuous liner for ease of use
- Apply individually or two-at-a-time
- Use as a secondary film to seal previously pierced wells or to prevent accidental pipetting

*"For greater coverage or to seal two rows at-a-time,
link below to SealPlate 2x8 MiniStrips"*



Similar Products



**SealPlate 2x8
MiniStrips**



Sealing Films

EXCEL Scientific

Plate-Sealing



SealPlate® 2x8 MiniStrips™

For sealing one or two 8-well rows of a 96-well plate

Application:

General laboratory use, incubation and ELISA

Temperature Range:

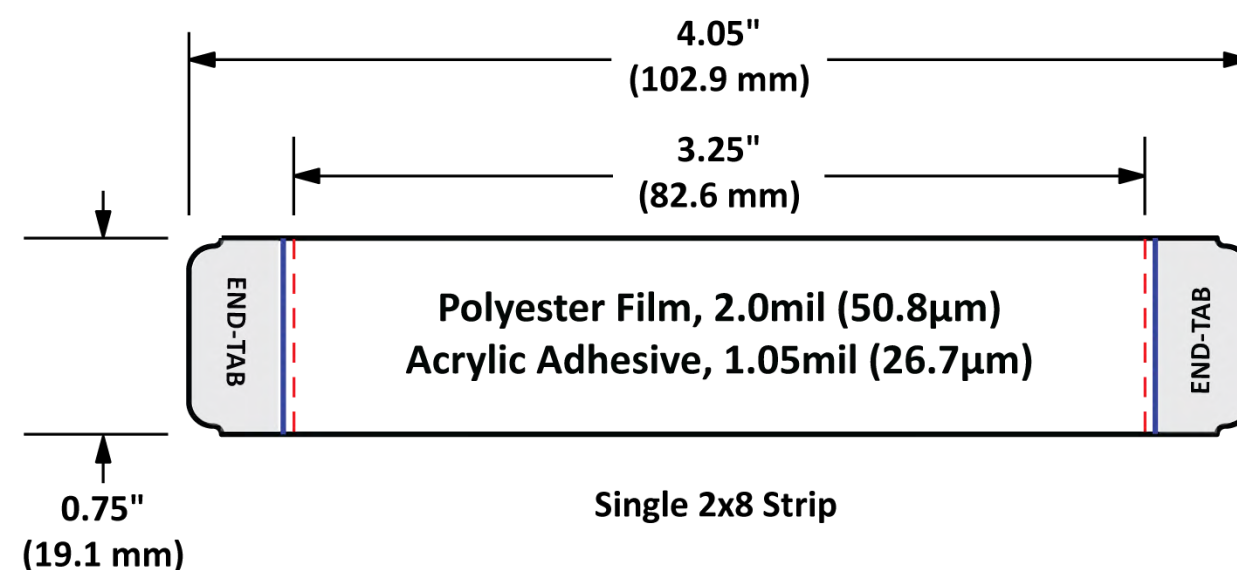
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-----------------------------------|-----------|
| 6980A02 | SealPlate 2x8 MiniStrips | 200 |
| 6980A04 | SealPlate 2x8 MiniStrips, Sterile | 200 |

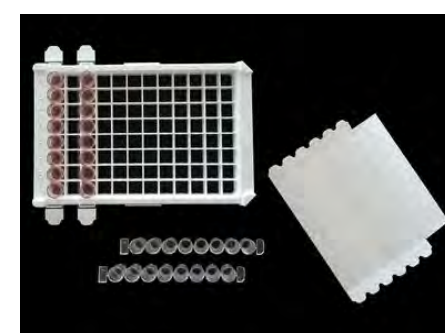
SealPlate 2x8 MiniStrips are less expensive than full-size sheets when using only a partial plate. Designed for use with either 1x8 strip-well ELISA plates or standard 96-well plates where rows must be selectively protected or accessed.

- Each sheet contains 4 strips on a continuous liner for ease of use
- Apply individually or two-at-a-time
- Use as a secondary film to seal previously pierced wells or to prevent accidental pipetting

"For a narrower strip to seal only one 8-well row, link below to 1x8 MiniStrips"



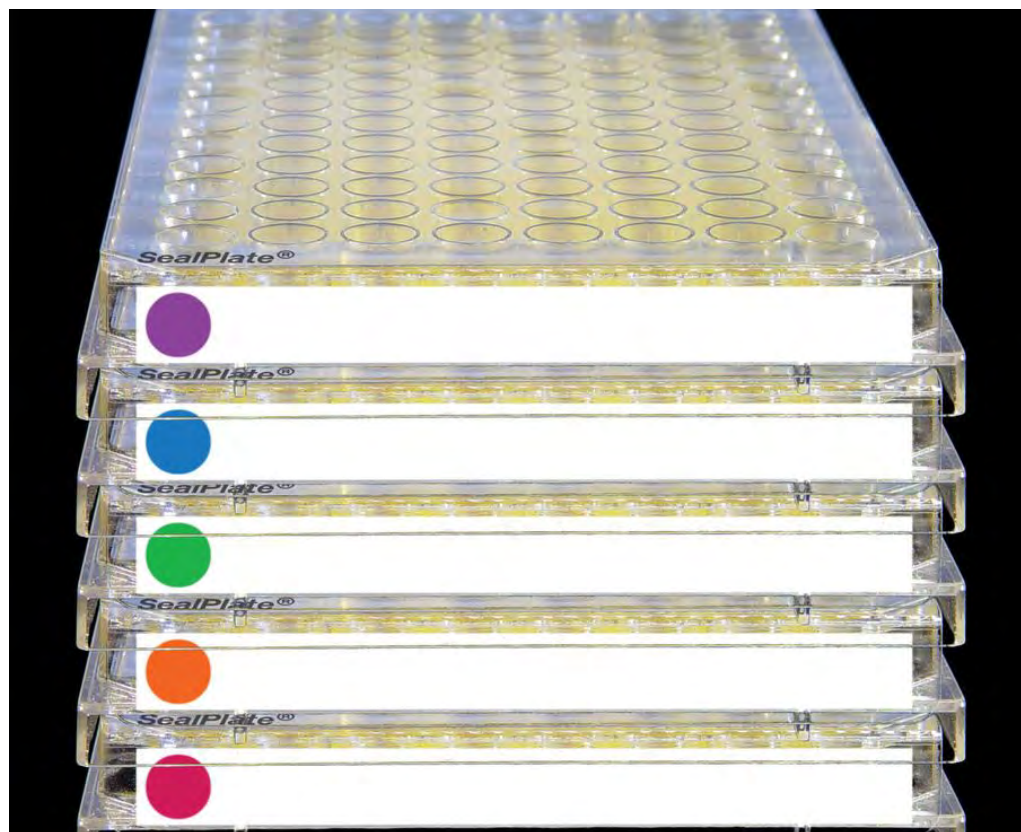
Similar Products



1x8 MiniStrips



Sealing Films



SealPlate® ColorTab™

For sample identification and plate labeling

Application:

General laboratory use, short-term storage, incubation and ELISA

Temperature Range:

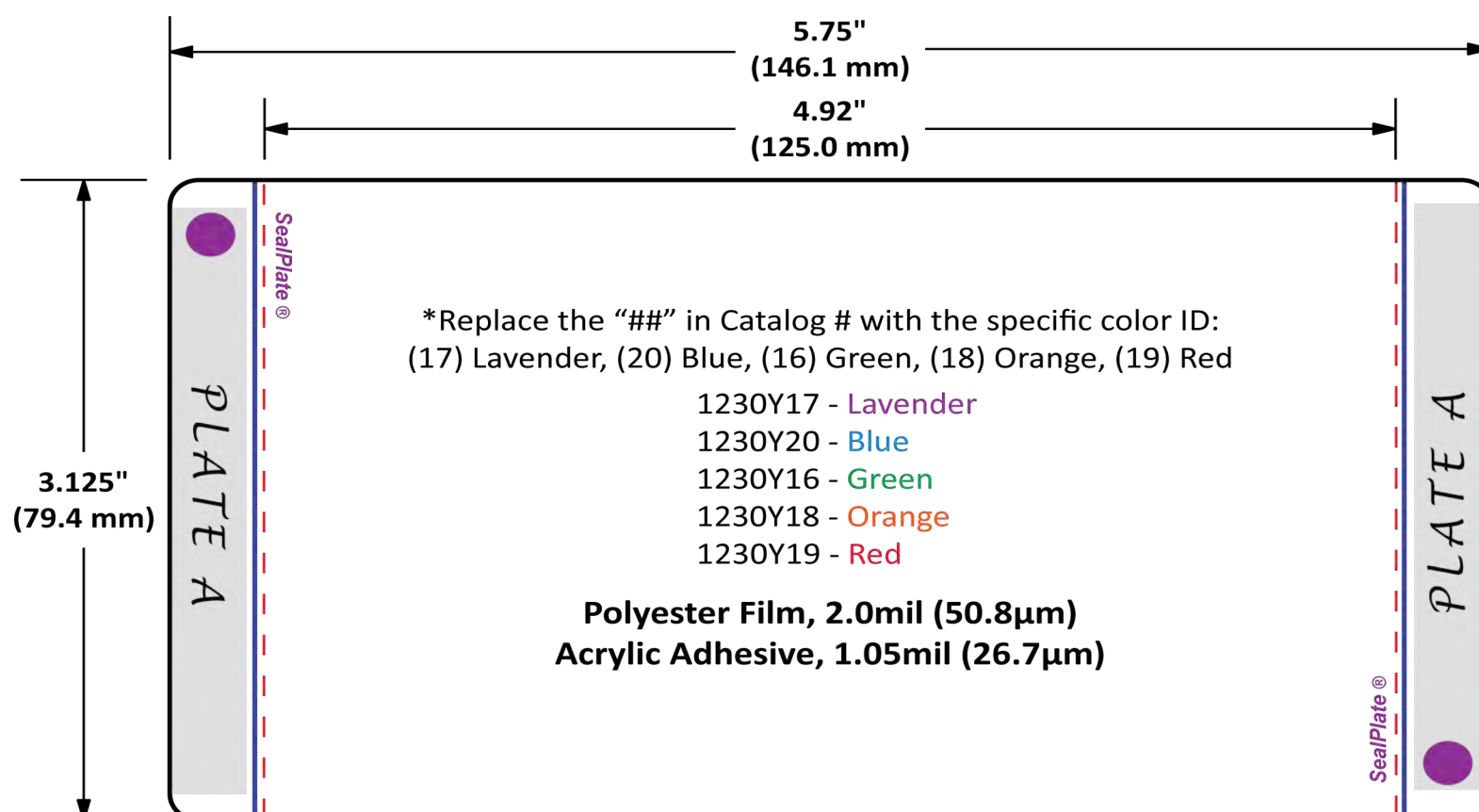
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|------------------------------|-----------|
| 1232X05 | SealPlate ColorTab, Assorted | 50 |
| 1230Y## | SealPlate ColorTab, Color | 100 |

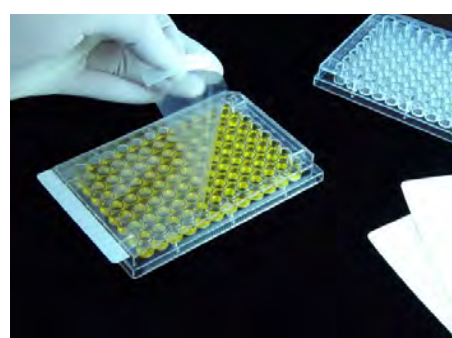
Each end-tab features a colored dot and white writing area. An inscribed color-coded end-tab can be removed and pasted into a laboratory notebook while the other remains on the plate for identification. The film sheet can be removed from the plate without disturbing the identification label due to the finely perforated end-tabs. Choose from 5 different individual colors or the assortment pack.

- Provides a secure seal and is easy to remove
- Rigid polyester film features good clarity and easy handling
- Features two end-tabs with perforations

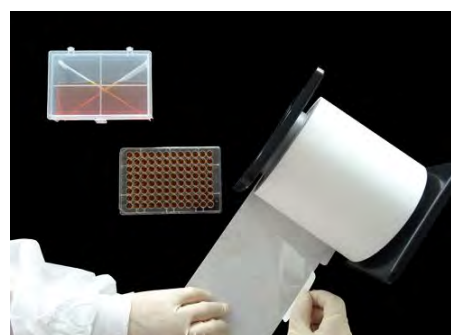
"For 3 times faster sealing, link below to our SealMate films on a roll with dispenser"



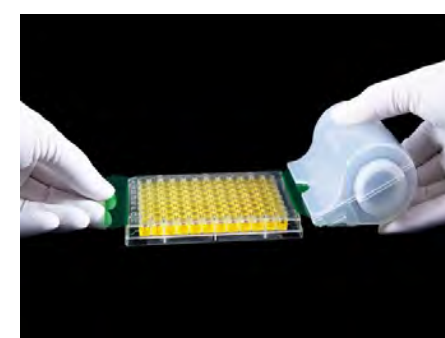
Similar Products



SealPlate



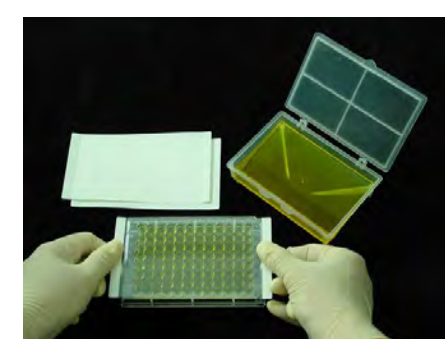
SealPlate RollMate



SealMate



General Purpose



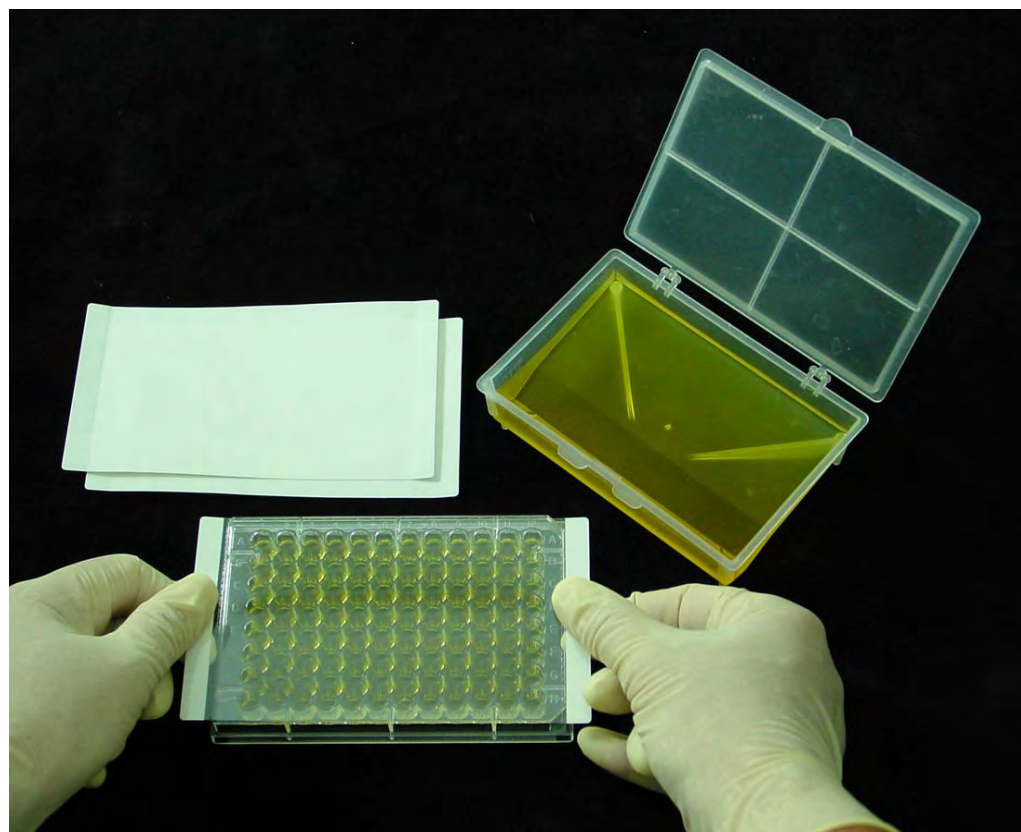
ThinSeal



Sealing Films

EXCEL Scientific

Plate-Sealing



ThinSeal™

For pierceability with single-channel pipet tips, probes and needles

Application:

General laboratory use, short-term storage, incubation and ELISA

Temperature Range:

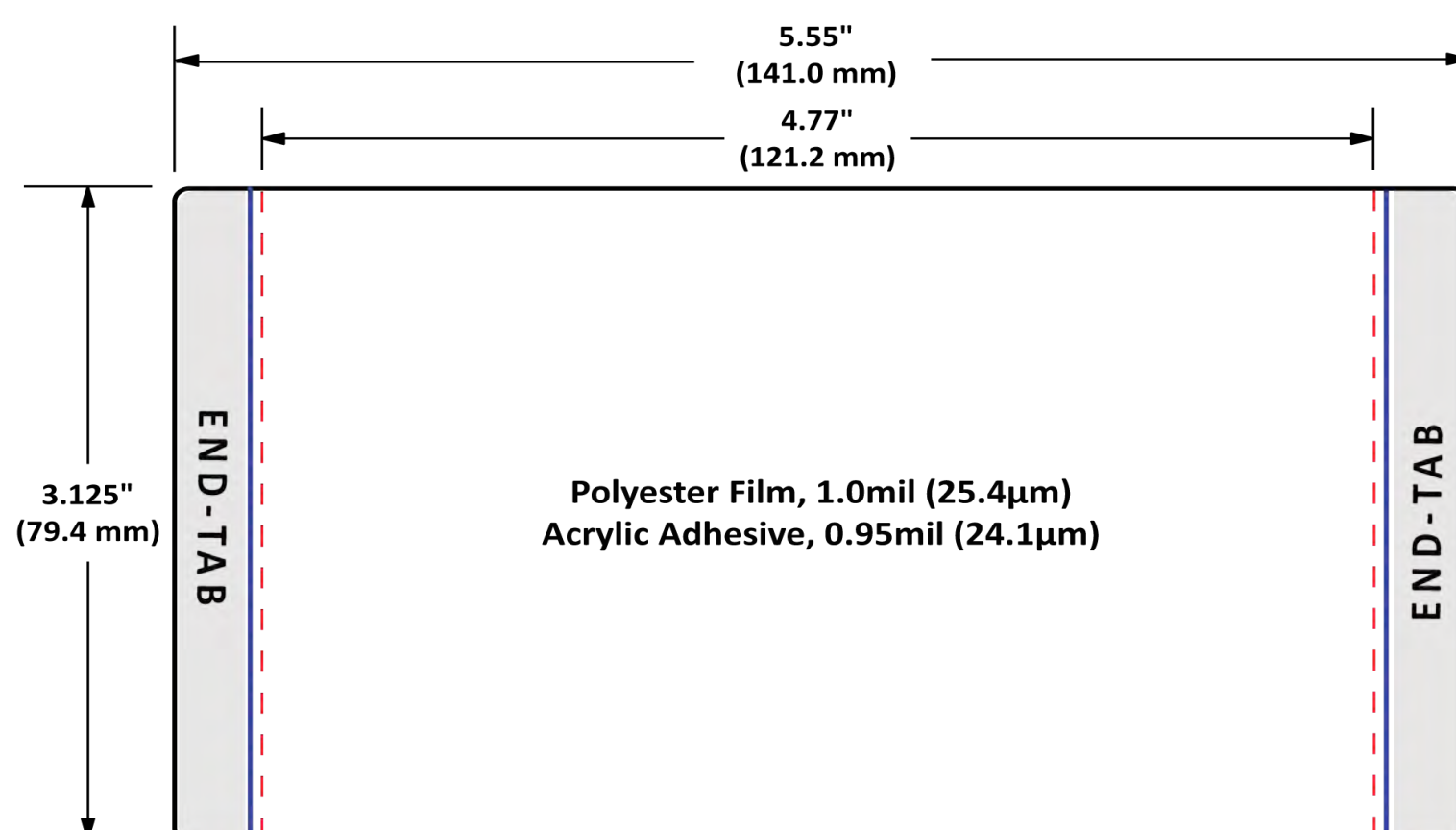
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 6980A05 | ThinSeal | 100 |
| 6980A07 | ThinSeal, Sterile | 100 |

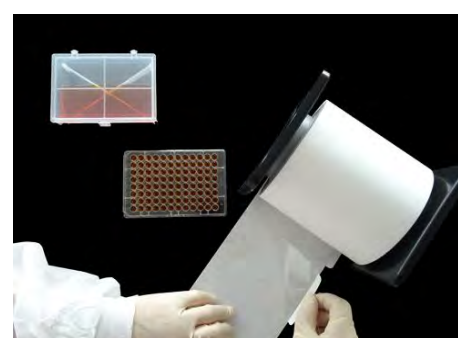
ThinSeal minimizes evaporation, prevents well-to-well contamination and spillage.

- Pierceable
- Features good chemical resistance
- Specially formulated adhesive minimizes plate residue and prevents tip clogging
- Features two end-tabs with perforations

"For a non-pierceable, easier-to-handle and apply film, link below to SealPlate"



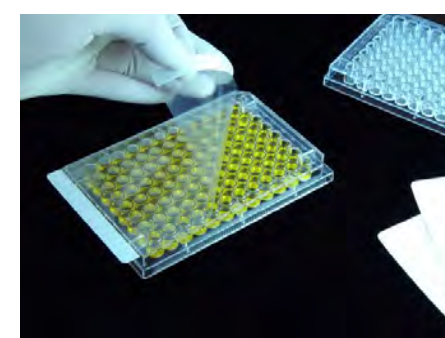
Similar Products



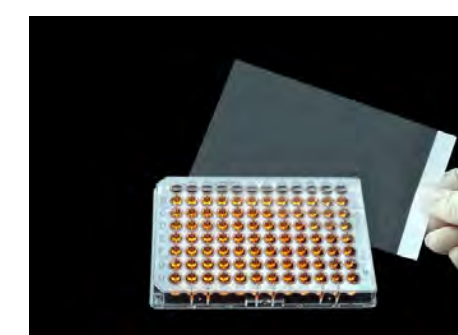
**SealPlate
RollMate**



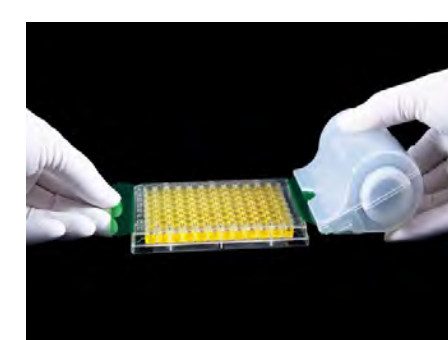
General Purpose



SealPlate



ValueSeal



SealMate



Sealing Films

EXCEL Scientific

Plate-Sealing



General Purpose Film

For a more secure seal to minimize evaporation

Application:

General laboratory use, short-term storage, incubation and ELISA

Temperature Range:

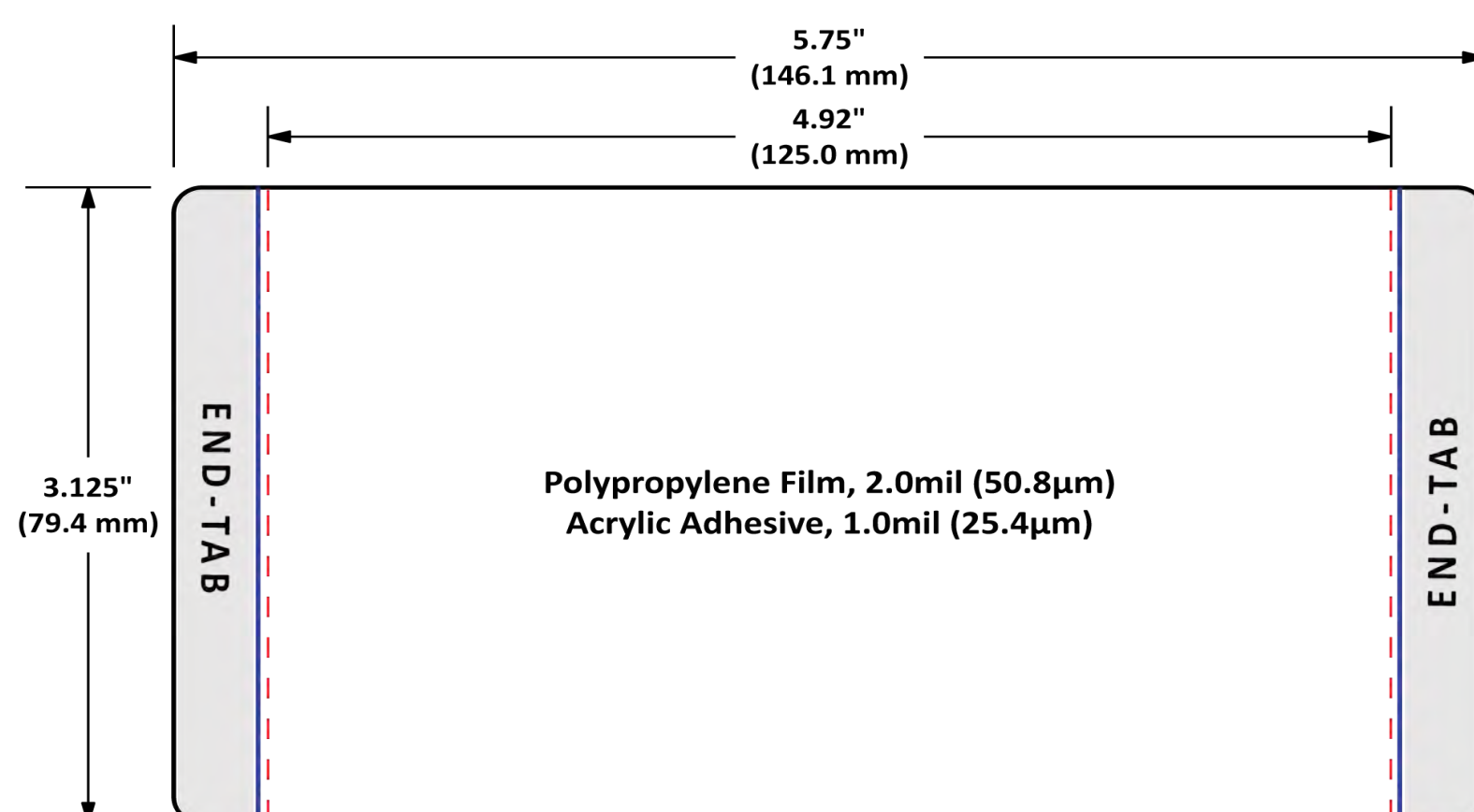
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------------------|-----------|
| 20A00H053 | General Purpose Film | 100 |
| 20A00H054 | General Purpose Film, Sterile | 100 |

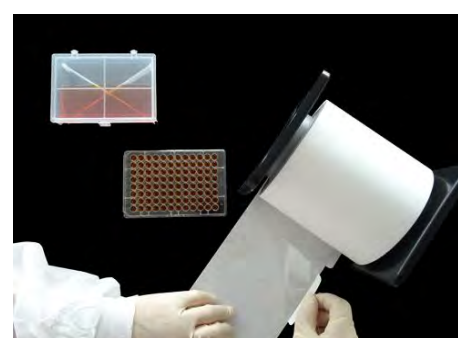
General Purpose polypropylene films offer superior barrier properties to minimize evaporation and prevent well-to-well contamination. Ideal for use with polypropylene plates.

- Certified DNase- & RNase- free
- Features good chemical resistance
- Provides a very secure seal to minimize evaporation, but is slightly harder to remove than SealPlate films
- Less rigid polypropylene film reduces aerosols upon removal
- Specially formulated adhesive minimizes plate residue
- Can be used as a temporary seal while awaiting further processing

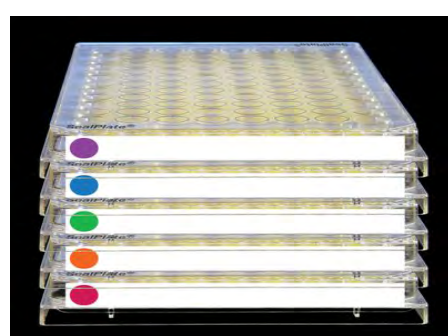
"For a more rigid easier-to-handle and apply film, link below to SealPlate"



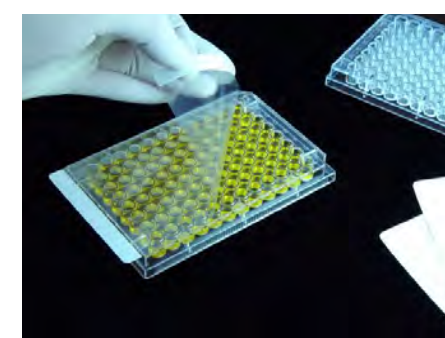
Similar Products



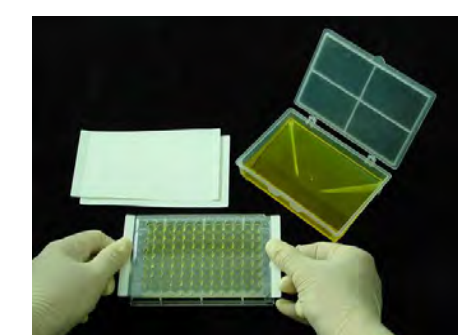
**SealPlate
RollMate**



**SealPlate
ColorTab**



SealPlate



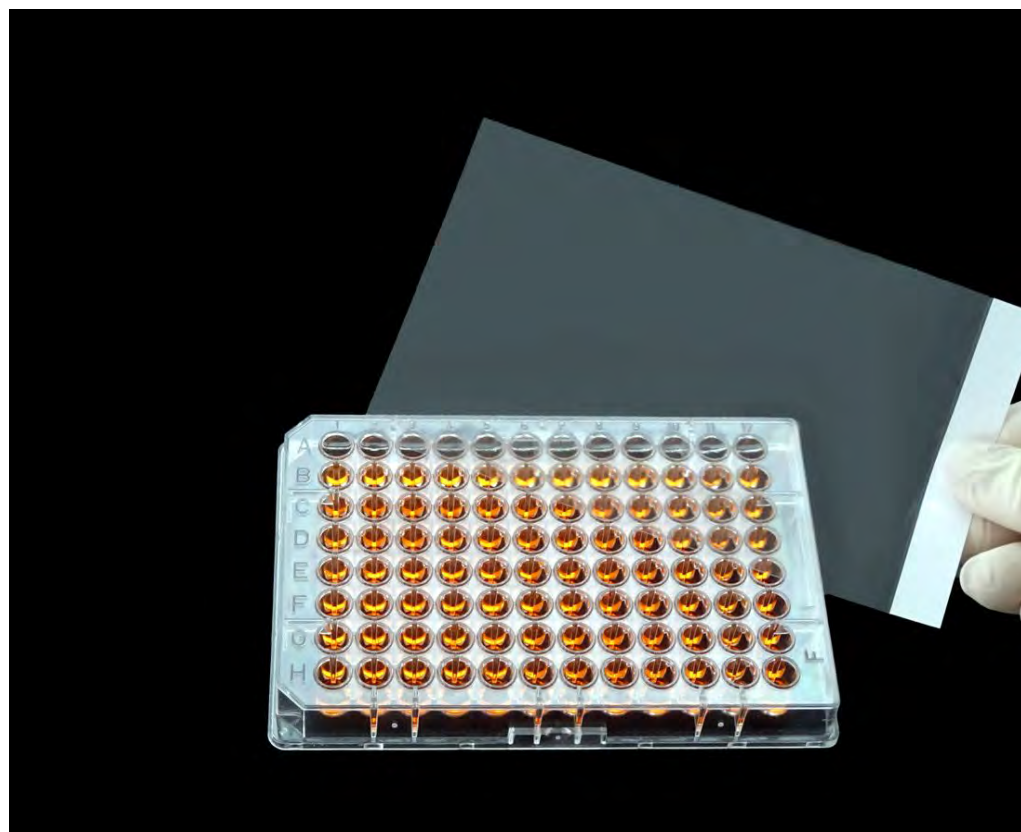
ThinSeal



SealMate



Sealing Films



ValueSeal™

The most economical film for general laboratory use

Application:

General laboratory use, short-term storage, incubation and ELISA

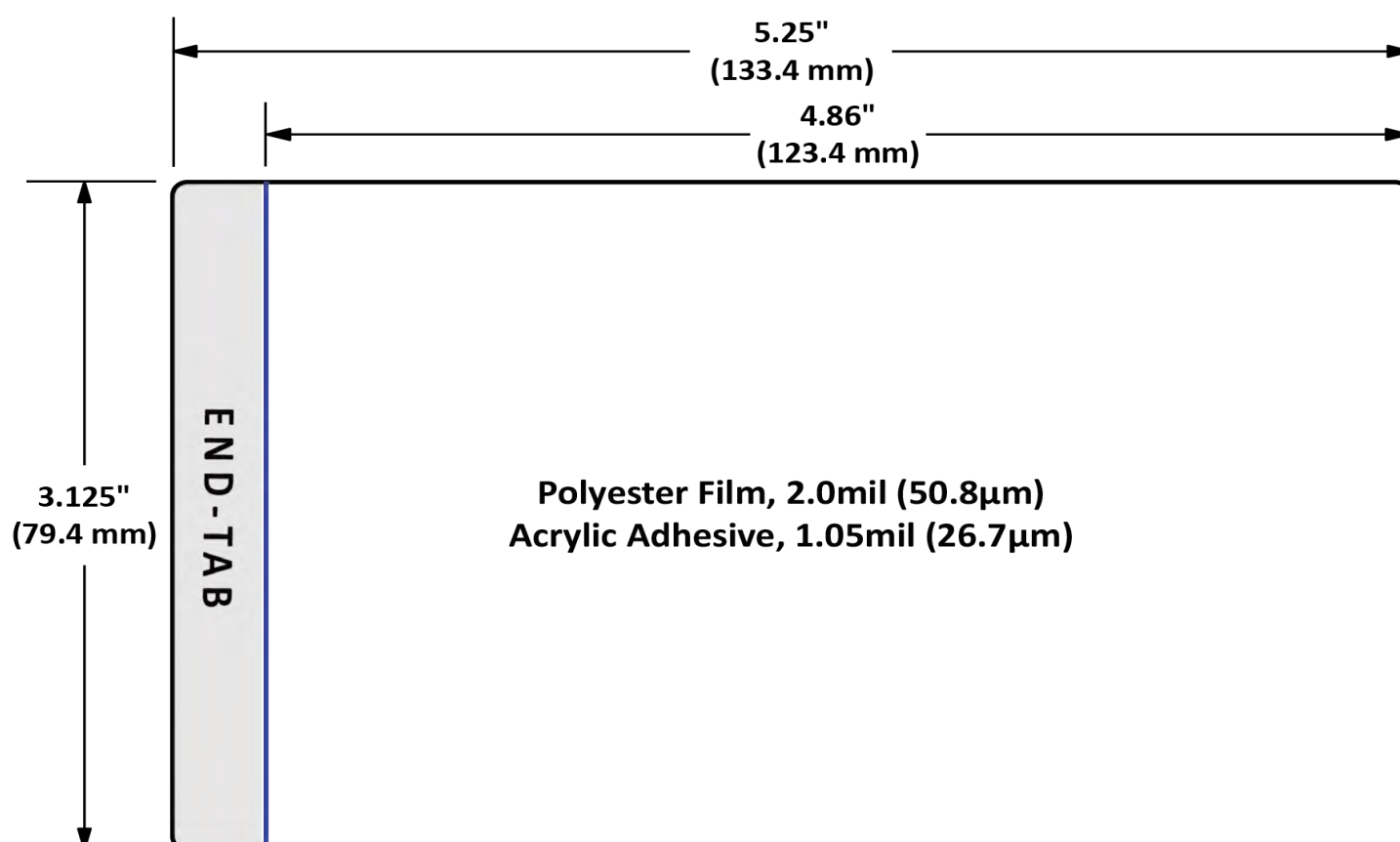
Temperature Range:

-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 20A00M366 | ValueSeal | 100 |

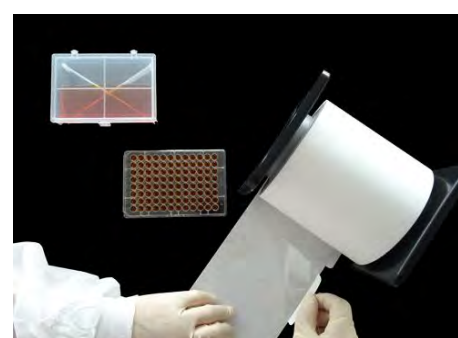
ValueSeal features smaller dimensions and a single non-perforated end-tab to provide a more cost-effective alternative to protect samples from evaporation, external contamination, dust and particulates.

- Provides a secure seal and is easy to remove
- Rigid polyester film features good clarity and easy handling
- Can be used as a temporary seal while awaiting further processing

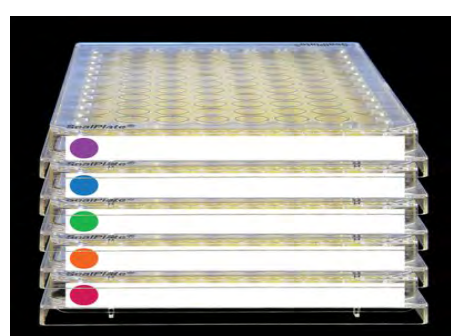


"For a dimensionally larger film with two end-tabs for ease of handling, link below to SealPlate"

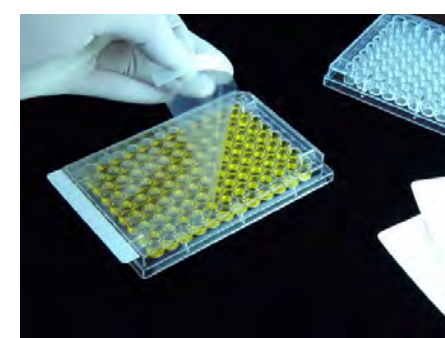
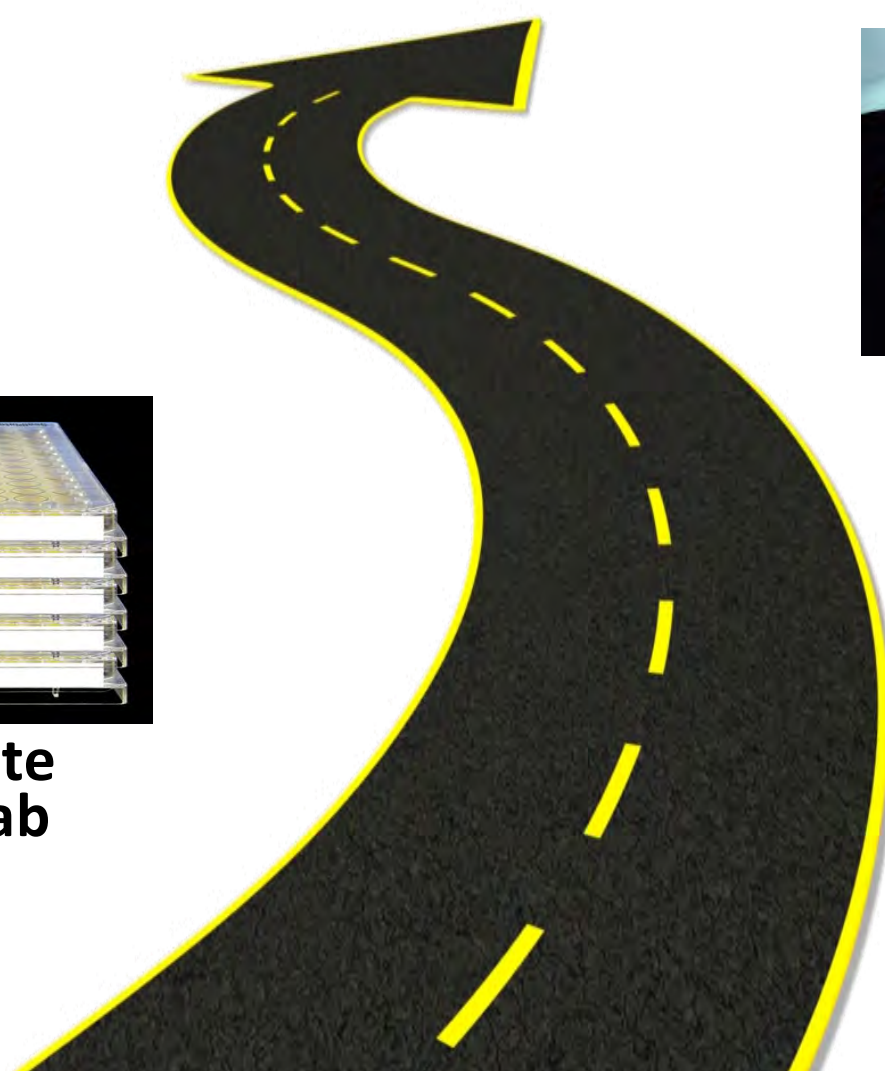
Similar Products



SealPlate RollMate



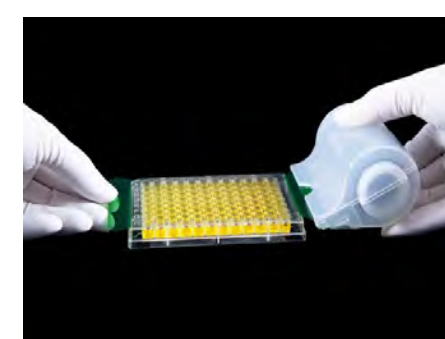
SealPlate ColorTab



SealPlate



General Purpose



SealMate



Sealing Films

EXCEL Scientific

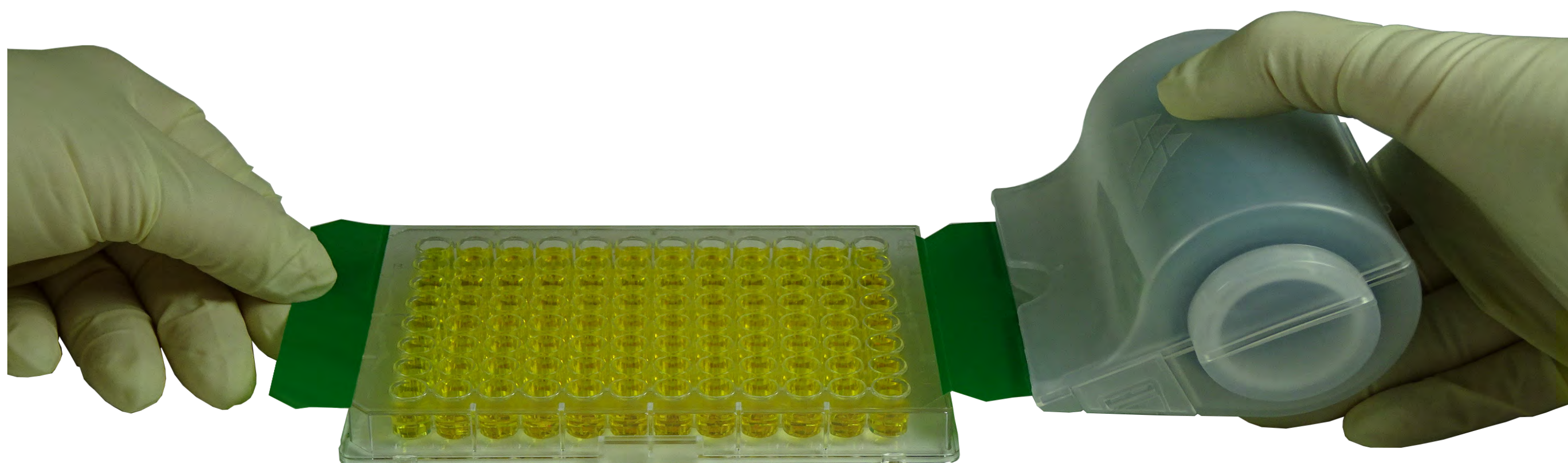


SealMate™ System for Adhesive Microplate Sealing Films

"a revolutionary new way of applying sealing films to microplates"

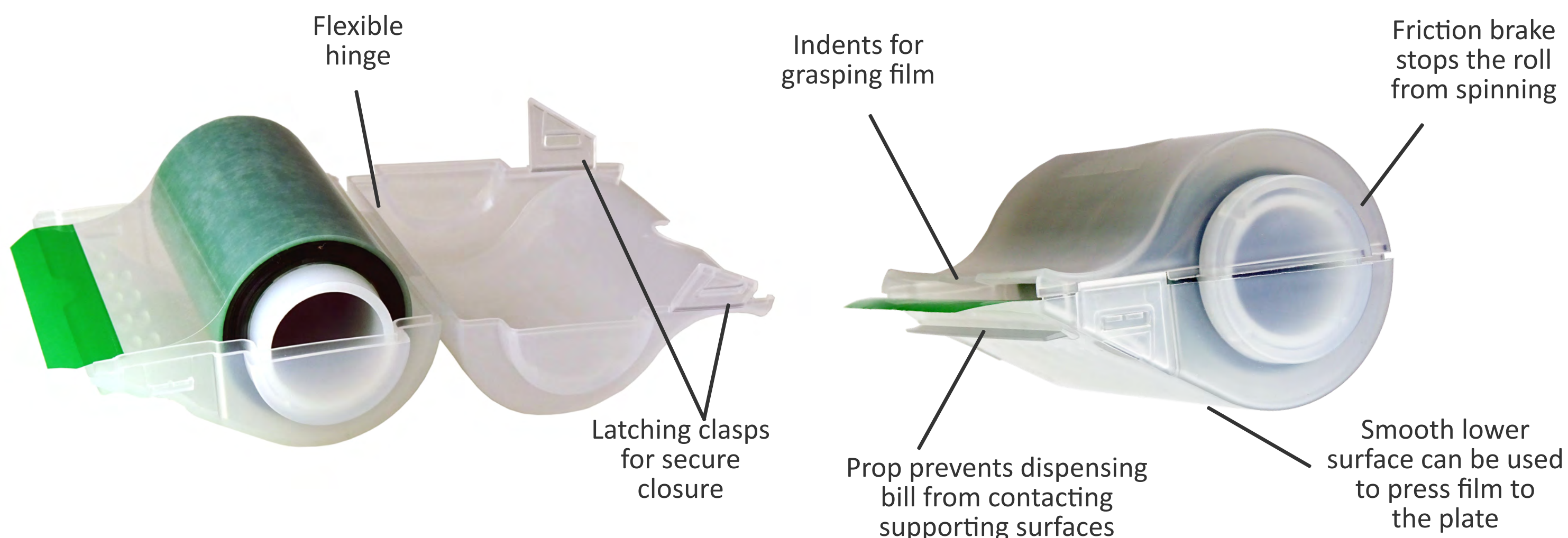
Easy to Use:

1. Pull out one seal
2. Apply to plate
3. Anchor the film to the plate with thumb and forefinger at dispenser end
4. Squeeze dispenser as shown to prevent accidental release of additional seals
5. Tear at perforation by rotating dispenser sideways; do not pull up
6. Seal with bottom surface of dispenser



Handy dispenser protects unused seals.

The SealMate™ Dispenser Makes Microplate Sealing Easy!



Open the dispenser to insert a new roll

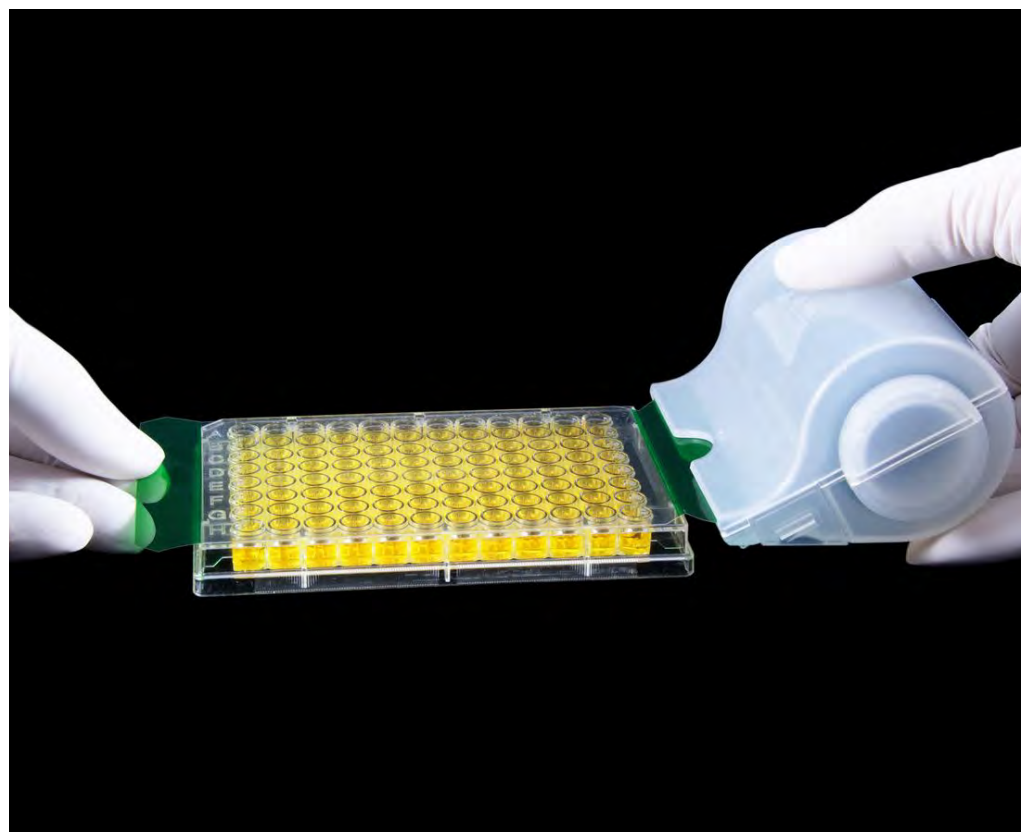
Close and lock the side latches to dispense



Sealing Films

EXCEL Scientific

Plate-Sealing



SealMate™ SealPlate®

For fast and efficient microplate sealing

Application:

General laboratory use, short-term storage, incubation and ELISA

Temperature Range:

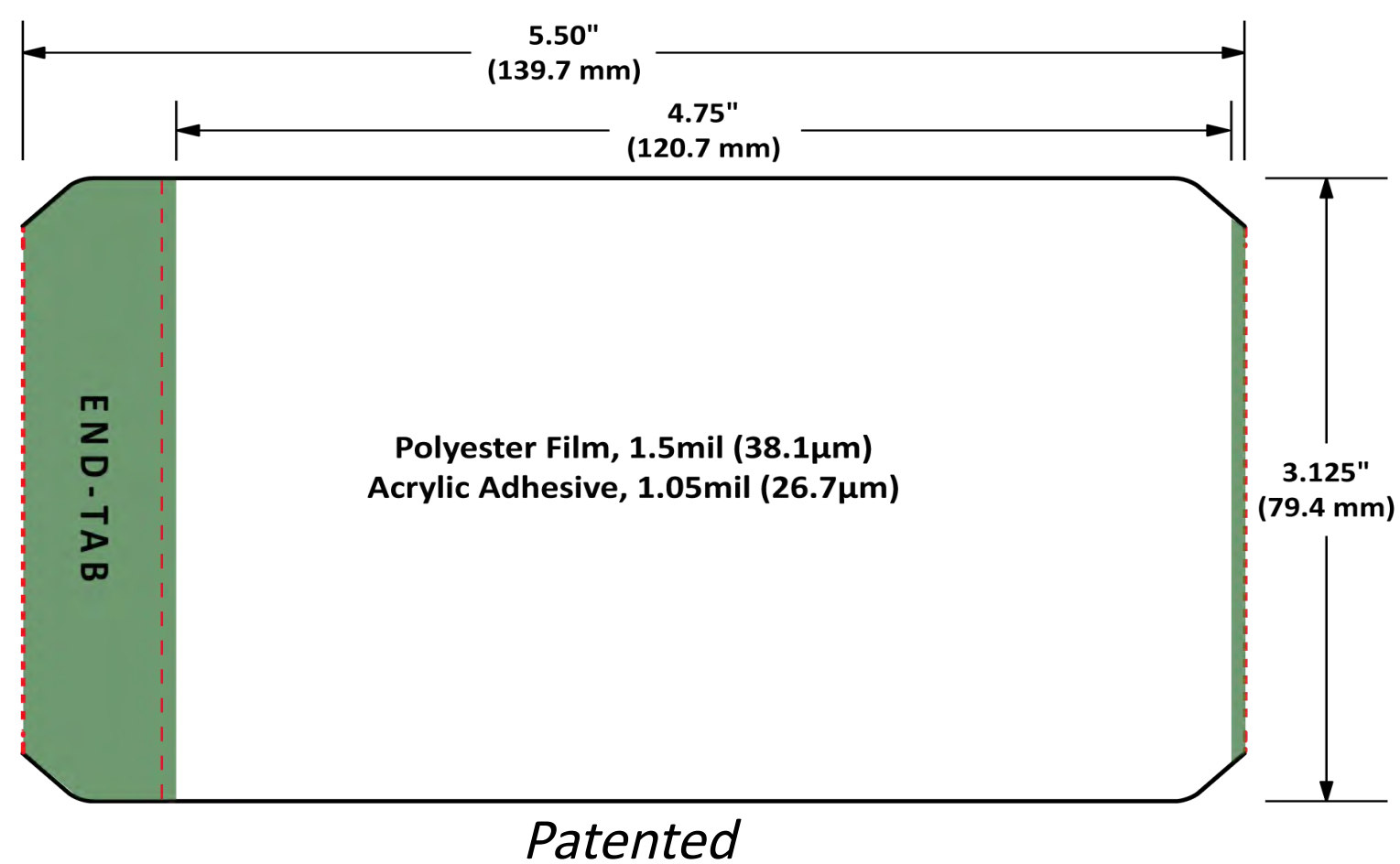
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---|-----------|
| 1218R39 | SealPlate Starter Kit, Dispenser + 2 Rolls | 100/Roll |
| 1218R40 | SealPlate Starter Kit, Dispenser + 2 Rolls, Sterile | 100/Roll |

The SealMate SealPlate Starter Kit features a re-usable dispenser and two rolls of perforated film. The dispenser facilitates the quick and easy dispensing of film from a roll allowing microplates to be sealed three times faster than using sheeted films. Cost-effective replacement rolls are sold separately. Ideal for use under the hood; the SealMate dispenser minimizes film contamination.

- Environmentally friendly; no paper liner to remove and discard; utilizes approximately 72% less material than SealPlate sheeted film
- Each sheet is separated by an adhesive-free, perforated, color-coded green band
- The smooth lower surface of the dispenser can be used to seal the film to the plate
- Dispenser protects unused seals from contamination
- Lower support prop prevents dispensing bill from contacting surfaces to prevent contamination
- Replacement rolls can be easily installed by releasing the locking clasps on the dispenser

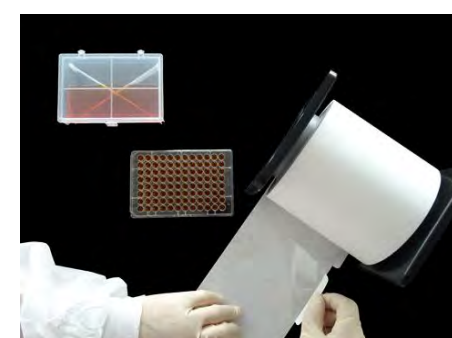
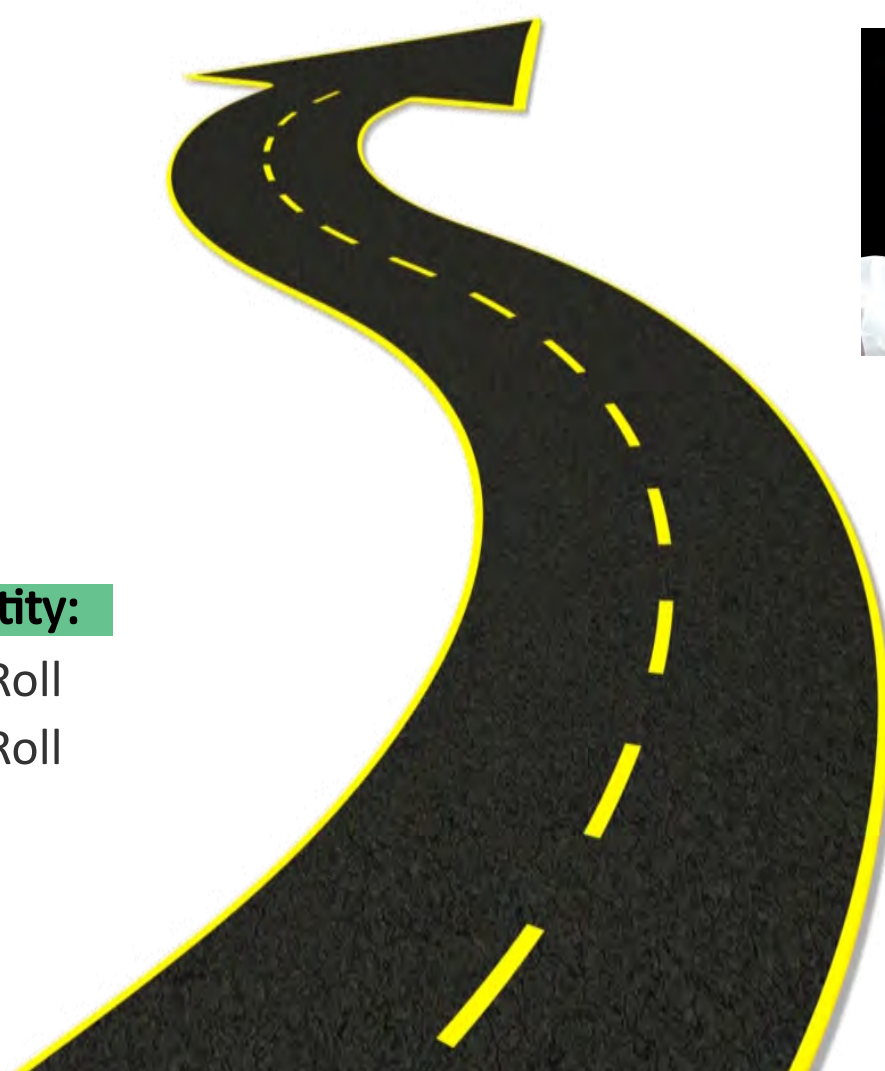
"Link below to SealPlate RollMate for 500 pre-scored sheets on a roll"



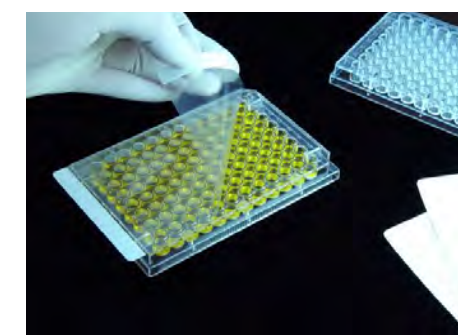
Similar Products



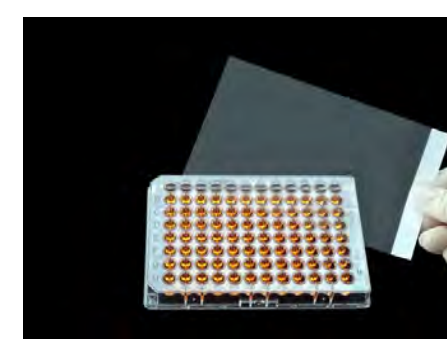
| Catalog # | Description: | Quantity: |
|-----------|----------------------------------|-----------|
| 1218R43 | SealPlate Film, 2 Rolls | 100/Roll |
| 1218R44 | SealPlate Film, 2 Rolls, Sterile | 100/Roll |



SealPlate RollMate



SealPlate



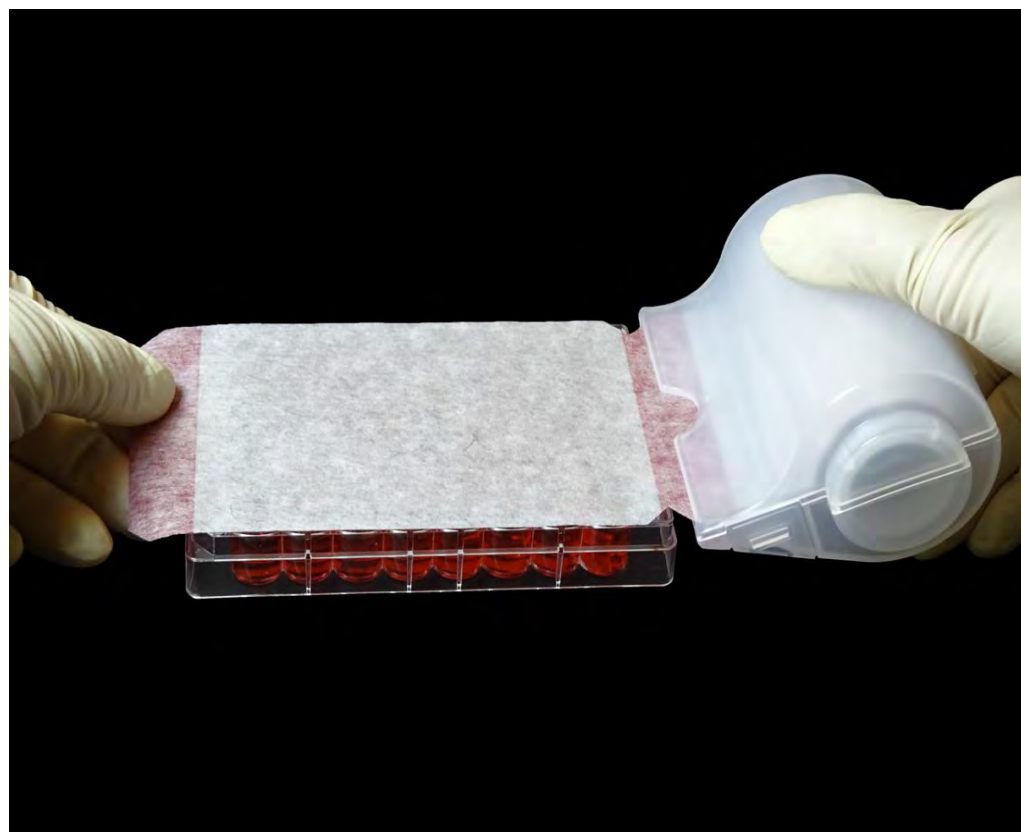
ValueSeal



Sealing Films

EXCEL Scientific

Plate-Sealing



SealMate™ AeraSeal™

For fast and efficient microplate sealing

Application:

Cell, tissue and bacterial cultures

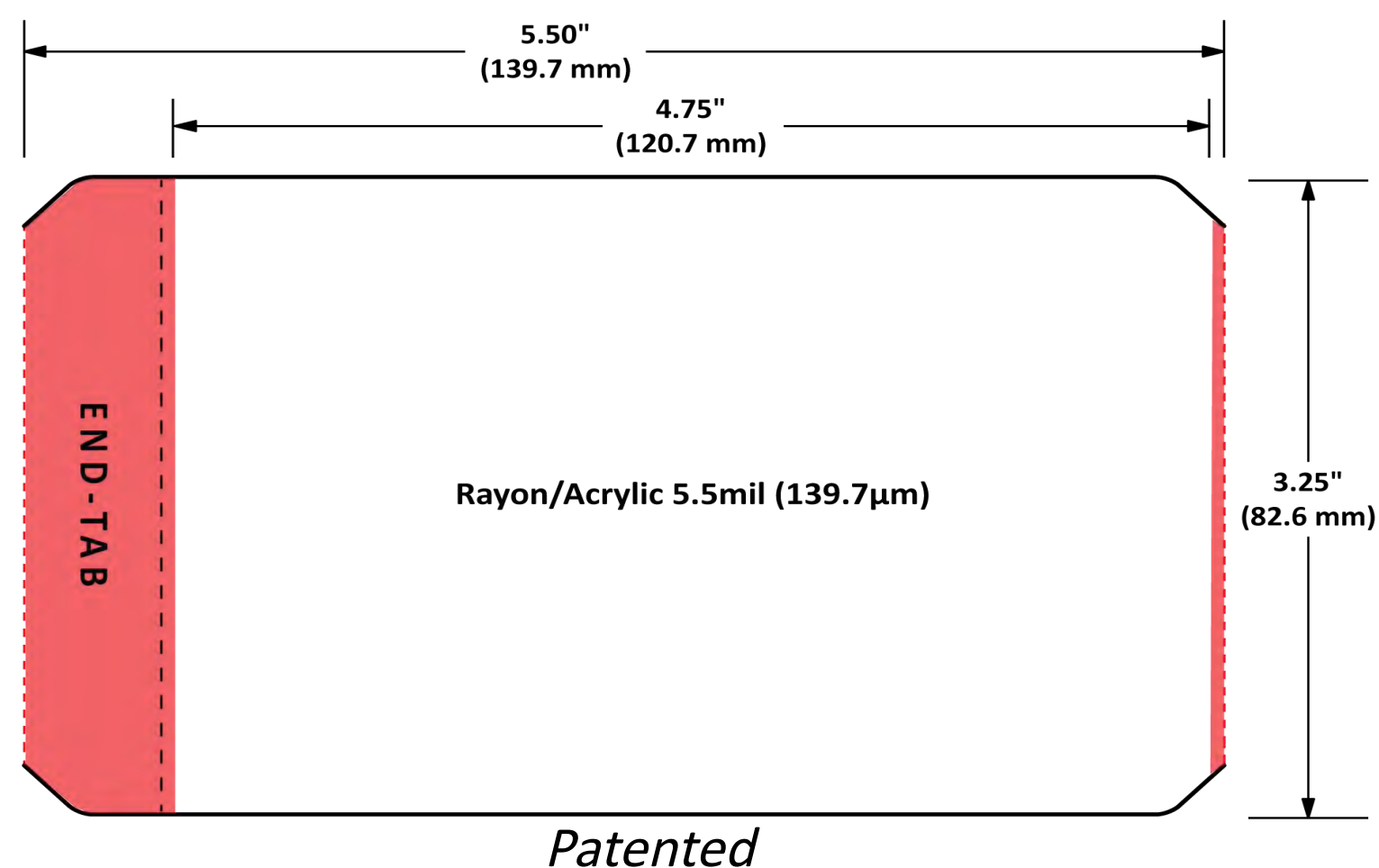
Temperature Range:

-20°C to +80°C

| Catalog # | Description: | Quantity: |
|-----------|--|-----------|
| 1218R41 | AeraSeal Starter Kit, Dispenser + 2 Rolls | 50/Roll |
| 1218R42 | AeraSeal Starter Kit, Dispenser + 2 Rolls, Sterile | 50/Roll |

The SealMate AeraSeal Starter Kit features a re-usable dispenser and two rolls of perforated film. The dispenser facilitates the quick and easy dispensing of film from a roll allowing microplates to be sealed three times faster than using sheeted films. Cost-effective replacement rolls are sold separately. Ideal for use under the hood; the SealMate dispenser minimizes film contamination.

- Environmentally friendly; no paper liner to remove and discard; utilizes approximately 59% less material than AeraSeal sheeted film
- Each sheet is separated by an adhesive-free, perforated, color-coded red band
- The smooth lower surface of the dispenser can be used to seal the film to the plate
- Dispenser protects unused seals from contamination
- Lower support prop prevents dispensing bill from contacting surfaces to prevent contamination
- Replacement rolls can be easily installed by releasing the locking clasps on the dispenser
- Designed to facilitate air and CO₂ exchange
- Pore size from 10µm to 50µm
- Moisture vapor transmission rate = 4,200g/m²/24hr
- Easy-to-pierce with serological pipets and pipet tips for direct sample recovery



*"For the sheeted alternative,
link below to AeraSeal"*



| Catalog # | Description: | Quantity: |
|-----------|---------------------------------|-----------|
| 1218R45 | AeraSeal Film, 2 Rolls | 50/Roll |
| 1218R46 | AeraSeal Film, 2 Rolls, Sterile | 50/Roll |

Similar Products



AeraSeal



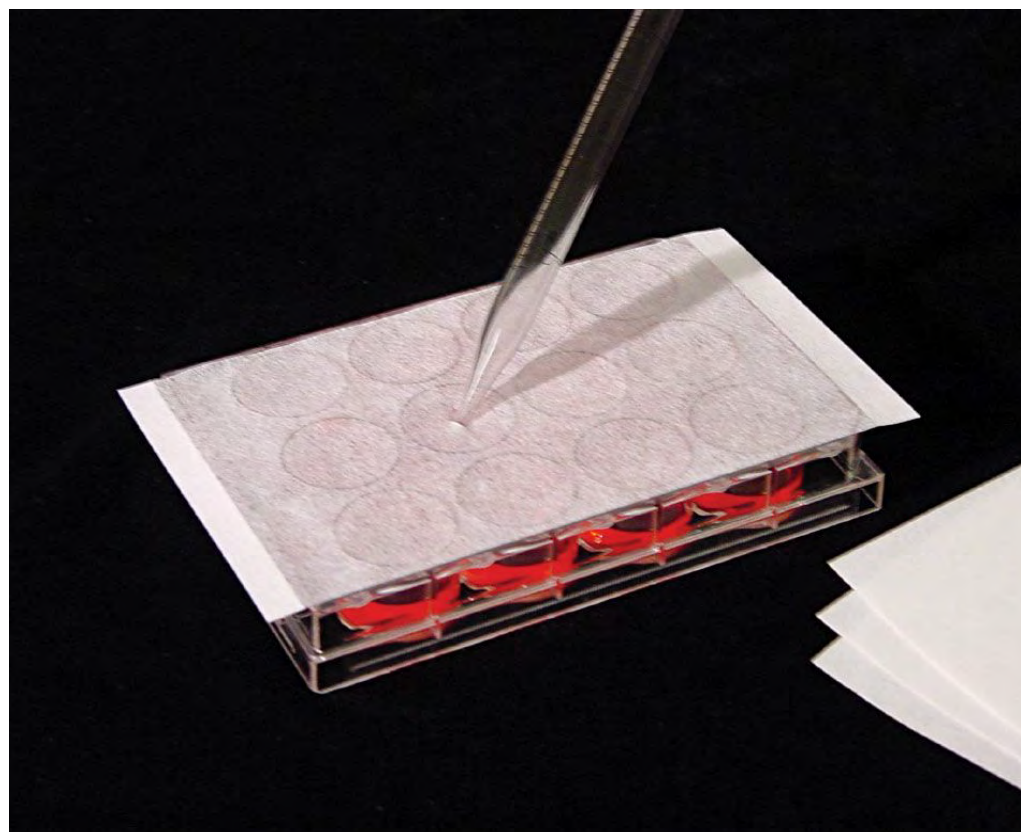
AeraSeal
Roll-Seal



Sealing Films

EXCEL Scientific

Plate-Sealing



AeraSeal™

Designed to facilitate air and CO₂ exchange

Application:

Cell, tissue and bacterial cultures

Temperature Range:

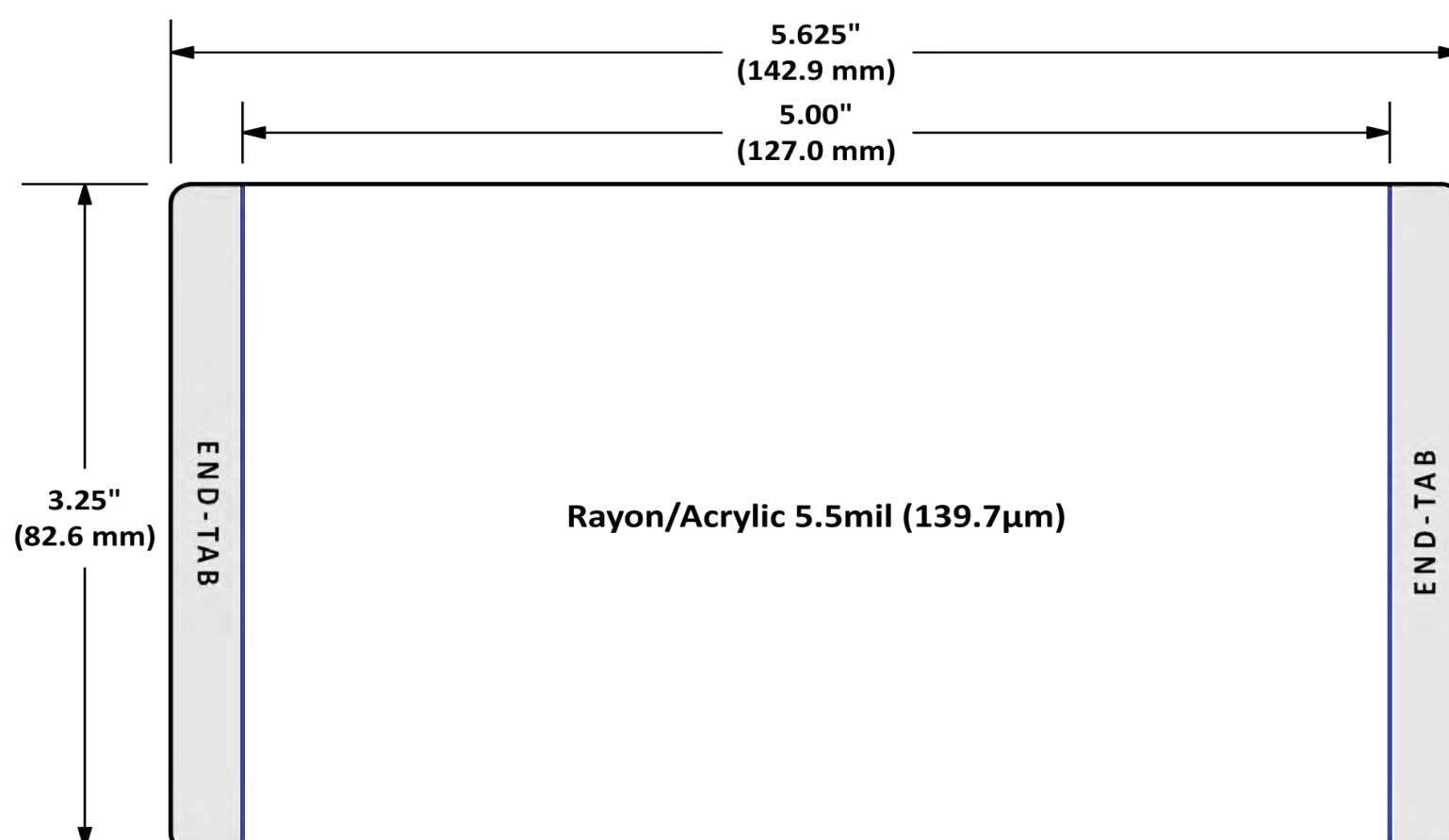
-20°C to +80°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 6980A23 | AeraSeal | 100 |
| 6980A25 | AeraSeal, Sterile | 50 |

AeraSeal features a hydrophobic, gas permeable membrane with a medical grade, non-cytotoxic adhesive. The porous membrane consists of layers of heat welded rayon fibers.

- Pore size from 10µm to 50µm
- Moisture vapor transmission rate = 4,200g/m²/24hr
- Easy-to-pierce with serological pipets and pipet tips for direct sample recovery
- Available in roll format for automation: AeraSeal Roll-Seal

"For a faster and easier way to apply via rolls and a dispenser, link below to SealMate AeraSeal"



Similar Products



**SealMate
AeraSeal**



**AeraSeal
Roll-Seal**



Sealing Films

EXCEL Scientific

Plate-Sealing



eXTReme™ Seal

Extra strong adhesive minimizes evaporation without residue

Application:

PCR and robotics

Temperature Range:

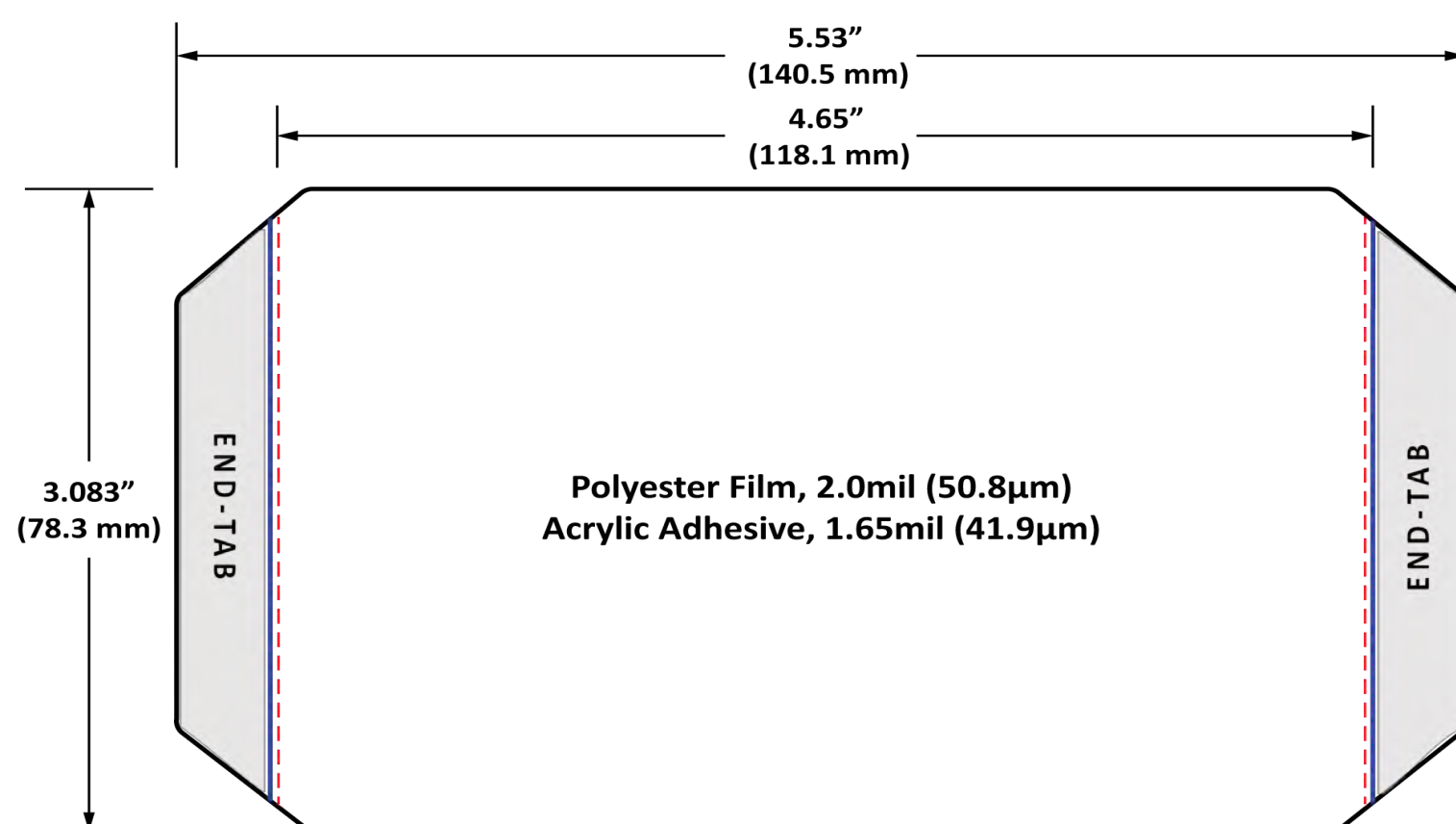
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 1176B60 | eXTReme Seal | 100 |

eXTReme Seal features an extra-strong thick adhesive to minimize evaporation, yet removes easily without leaving residue on the plate. Features chamfered corners to eliminate plate overhang for robotics applications and tight storage conditions.

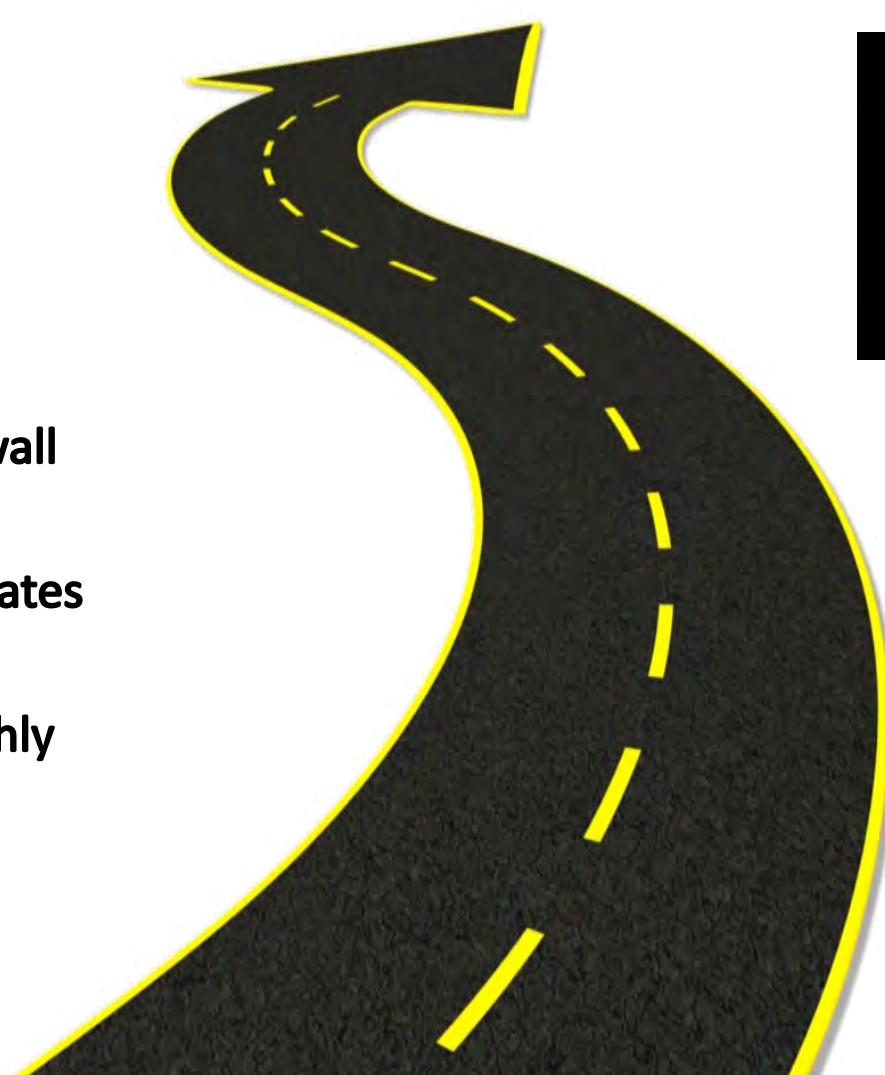
- Certified DNase- & RNase- free
- Ideal for use with raised-rim and non-skirted PCR plates
- Available in a larger cut for flat-top semi-skirted and full-skirted PCR plates: eXTReme Seal, Large

*"For a cut compatible with flat-top PCR plates,
link below to eXTReme Seal, Large"*

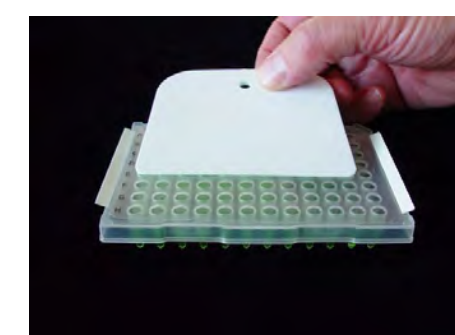


- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

Similar Products



eXTReme Seal,
Large



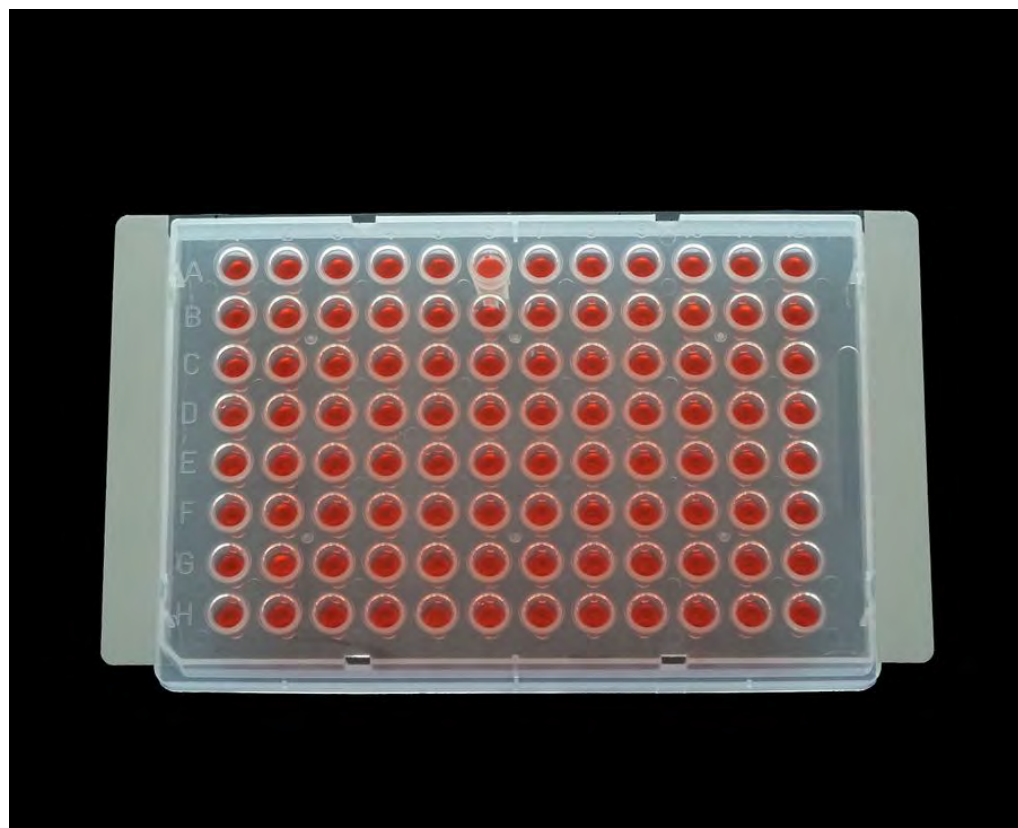
ThermalSeal A



Sealing Films

EXCEL Scientific

Plate-Sealing



eXTReme™ Seal, Large

Extra strong adhesive minimizes evaporation without residue

Application:

PCR

Temperature Range:

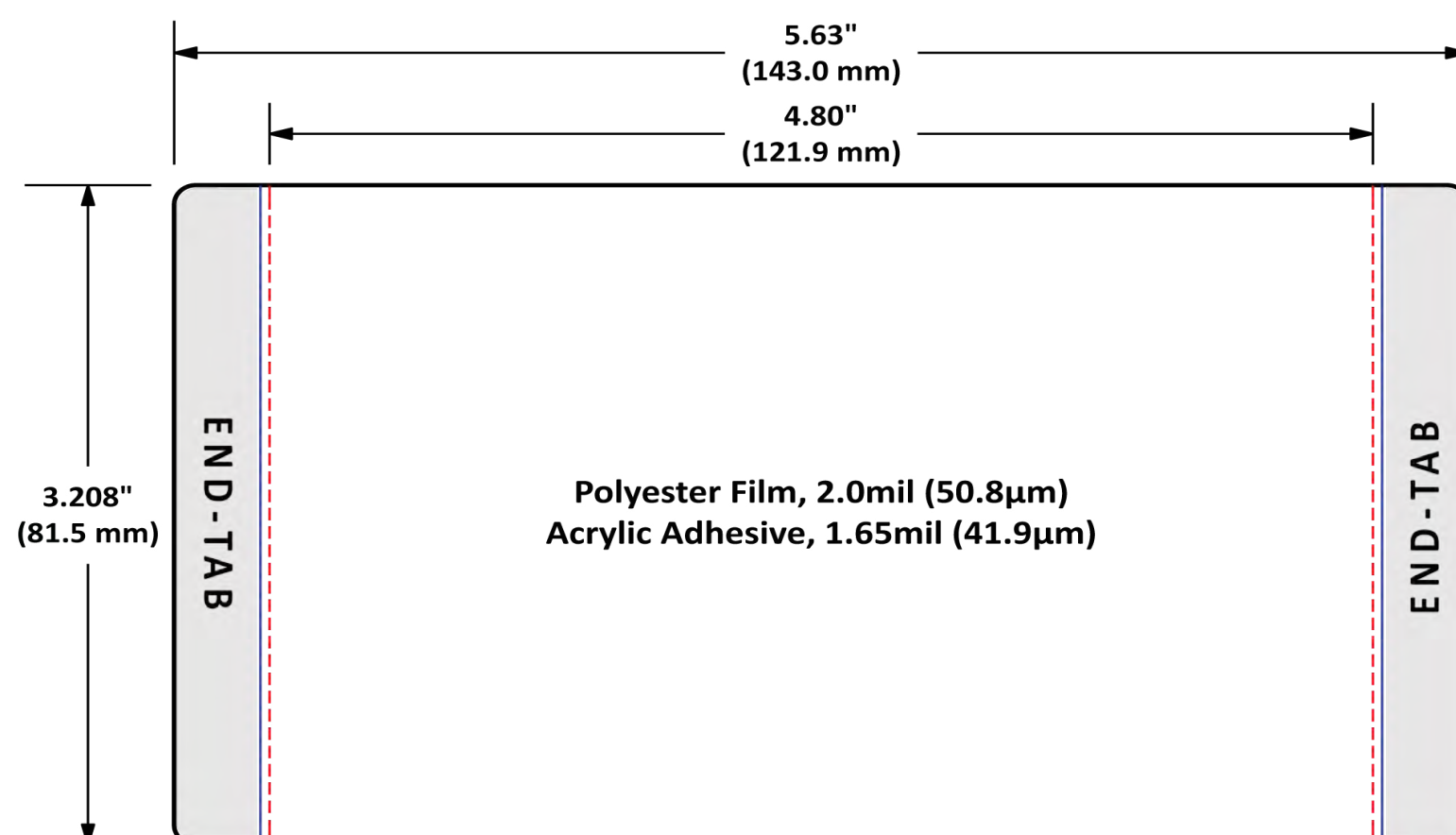
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---------------------|-----------|
| 1150Q16 | eXTReme Seal, Large | 100 |

eXTReme Seal, Large features an extra strong, thick adhesive to minimize evaporation, yet removes easily without leaving residue on the plate; ideal when plates need to be sealed multiple times. The larger cut is designed for greater plate coverage for a more complete seal around the edges to reduce evaporation rates.

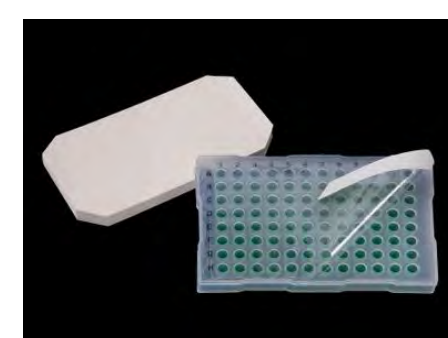
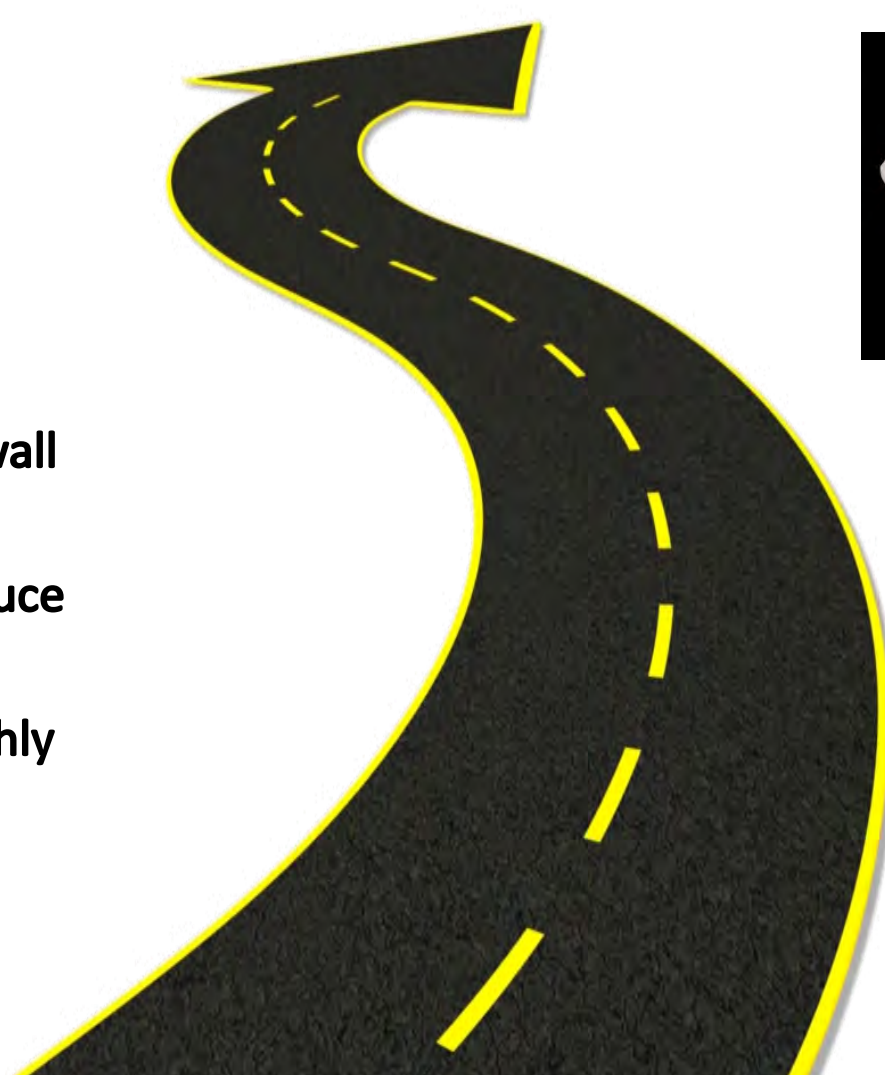
- Certified DNase- & RNase- free
- Ideal for use with flat-top, semi-skirted and full-skirted PCR plates as well as deep-well plates
- Large cut allows for easier positioning of the film to the plate via edge of plate alignment vs. centering
- Available in a smaller cut for raised-rim and non-skirted PCR plates: eXTReme Seal

"For a smaller cut compatible with raised-rim & non-skirted plates, link below to eXTReme Seal"



- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of the plate will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

Similar Products



eXTReme Seal



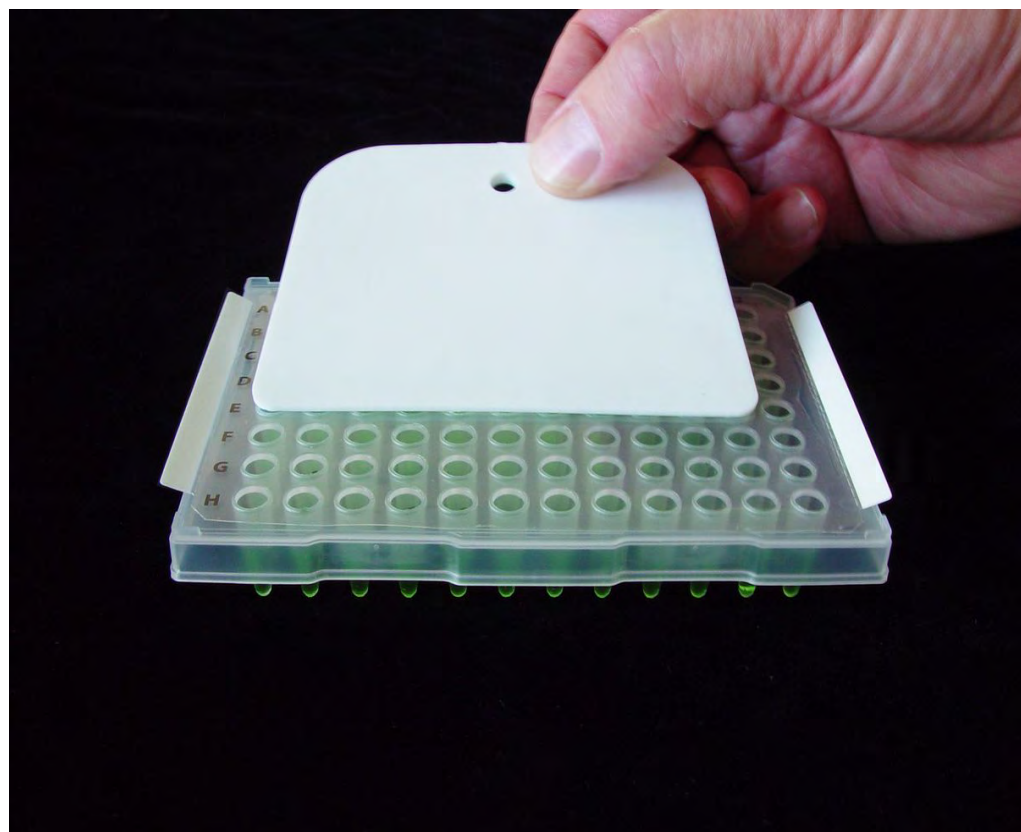
ThermalSeal 2



Sealing Films

EXCEL Scientific

Plate-Sealing



ThermalSeal® A™

Features a soft, extra thick, conformable adhesive

Application:

PCR

Temperature Range:

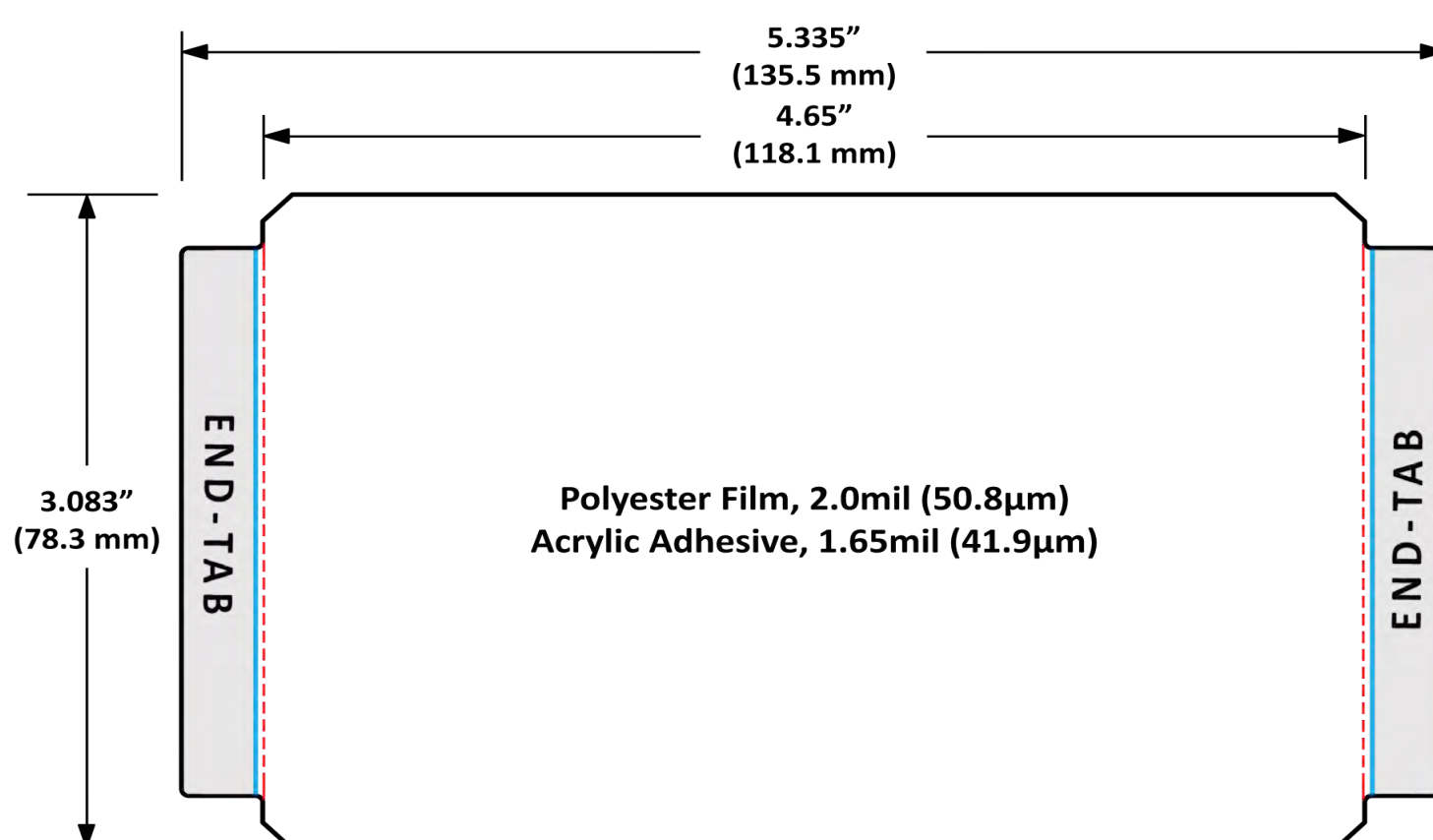
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---------------|-----------|
| 1222K40 | ThermalSeal A | 100 |

ThermalSeal A features a soft, extra thick, conformable adhesive that forms a very strong seal around raised wells to minimize evaporation and cross-contamination.

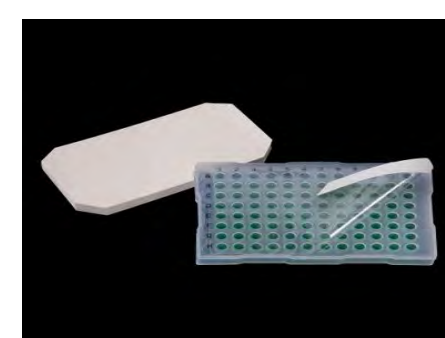
- Certified DNase- & RNase- free
- Ideal for use with raised-rim and non-skirted PCR plates
- Available in a larger cut for flat-top semi-skirted and full-skirted PCR plates: ThermalSeal 2
- A complimentary sealing paddle is included in each box

"For a PCR film that does not leave residue upon removal, link below to eXTreme Seal"



- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

Similar Products



eXTreme Seal



ThermalSeal 2



Sealing Films

EXCEL Scientific

Plate-Sealing



ThermalSeal® 2™

Features a soft, extra thick, conformable adhesive

Application:

PCR

Temperature Range:

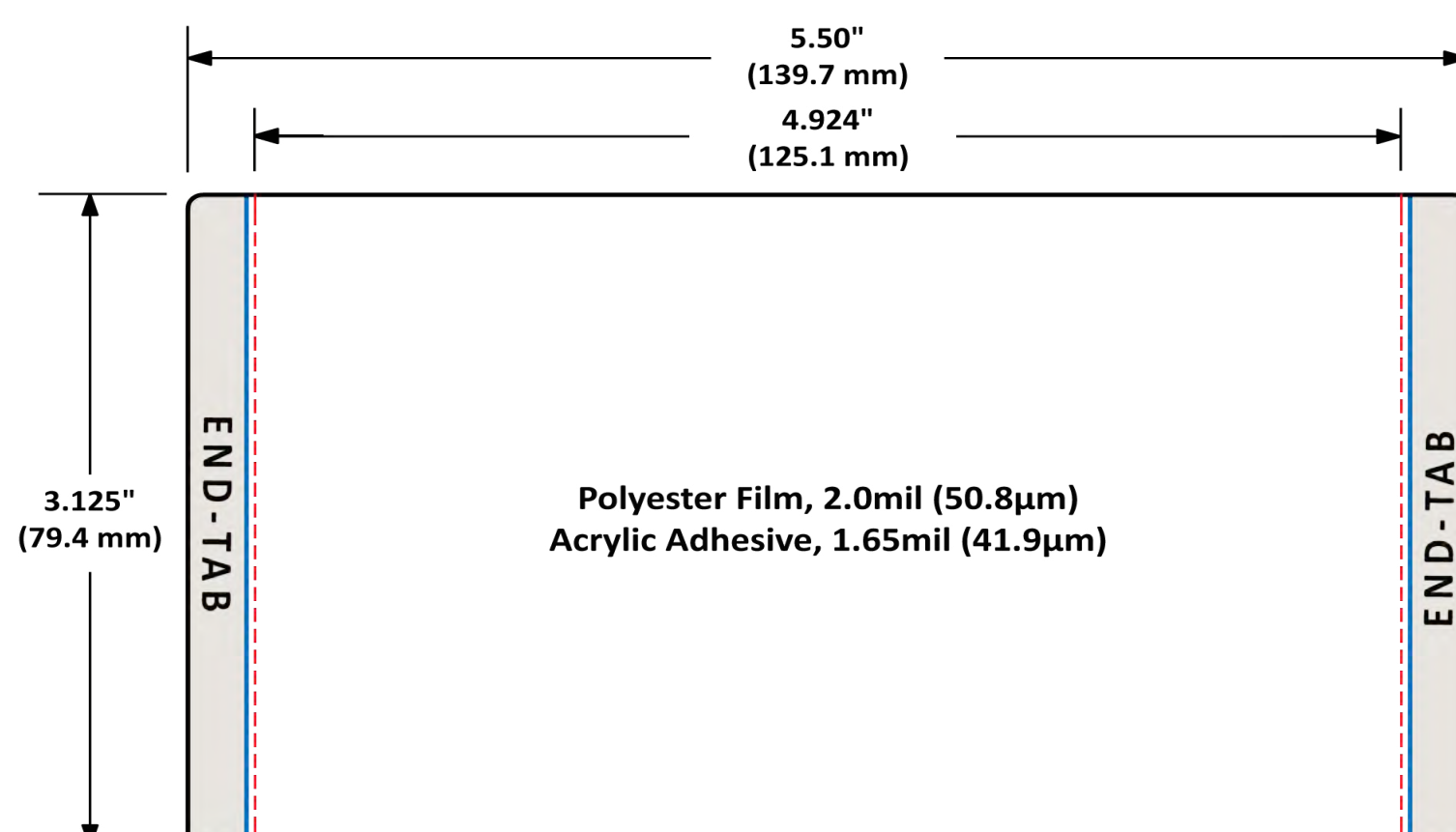
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---------------|-----------|
| 1204C20 | ThermalSeal 2 | 100 |

ThermalSeal 2 features a soft, extra thick, conformable adhesive that forms a very strong seal around raised wells to minimize evaporation and cross-contamination.

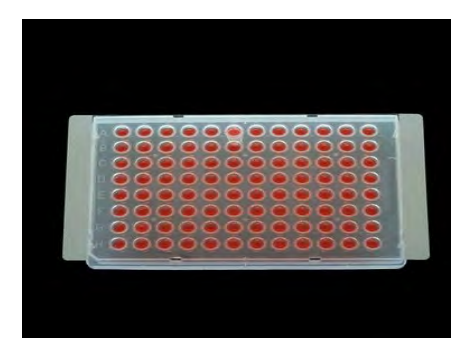
- Certified DNase- & RNase- free
- Ideal for use with flat-top, semi-skirted and full-skirted PCR plates
- Compatible with hard-shell dual component (e.g. polycarbonate/polypropylene) PCR plates
- Large cut allows for easier positioning of the film to the plate via edge of plate alignment vs. centering
- Available in a smaller cut for raised-rim and non-skirted PCR plates: ThermalSeal A

"For a PCR film that does not leave residue upon removal, link below to eXTreme Seal, Large"

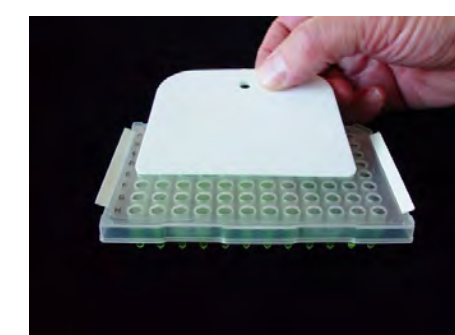


- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

Similar Products



eXTreme Seal,
Large



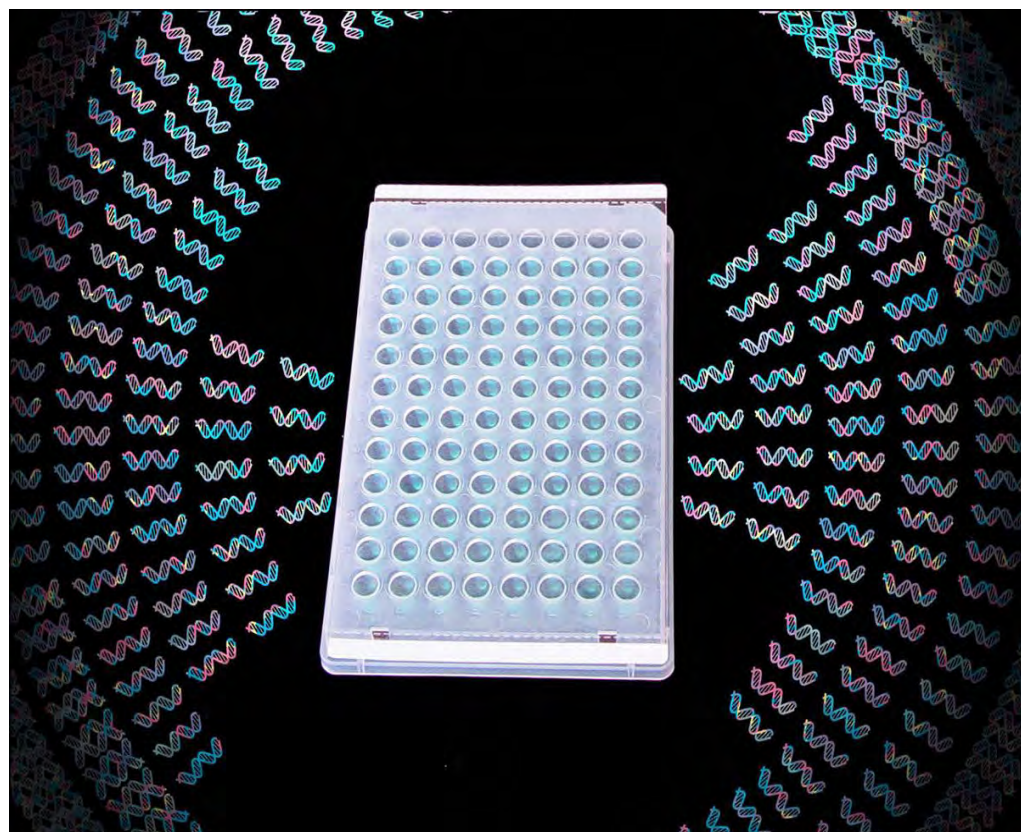
ThermalSeal A



Sealing Films

EXCEL Scientific

Plate-Sealing



ThermalSeal®

An easier to remove film

Application:

PCR and general storage

Temperature Range:

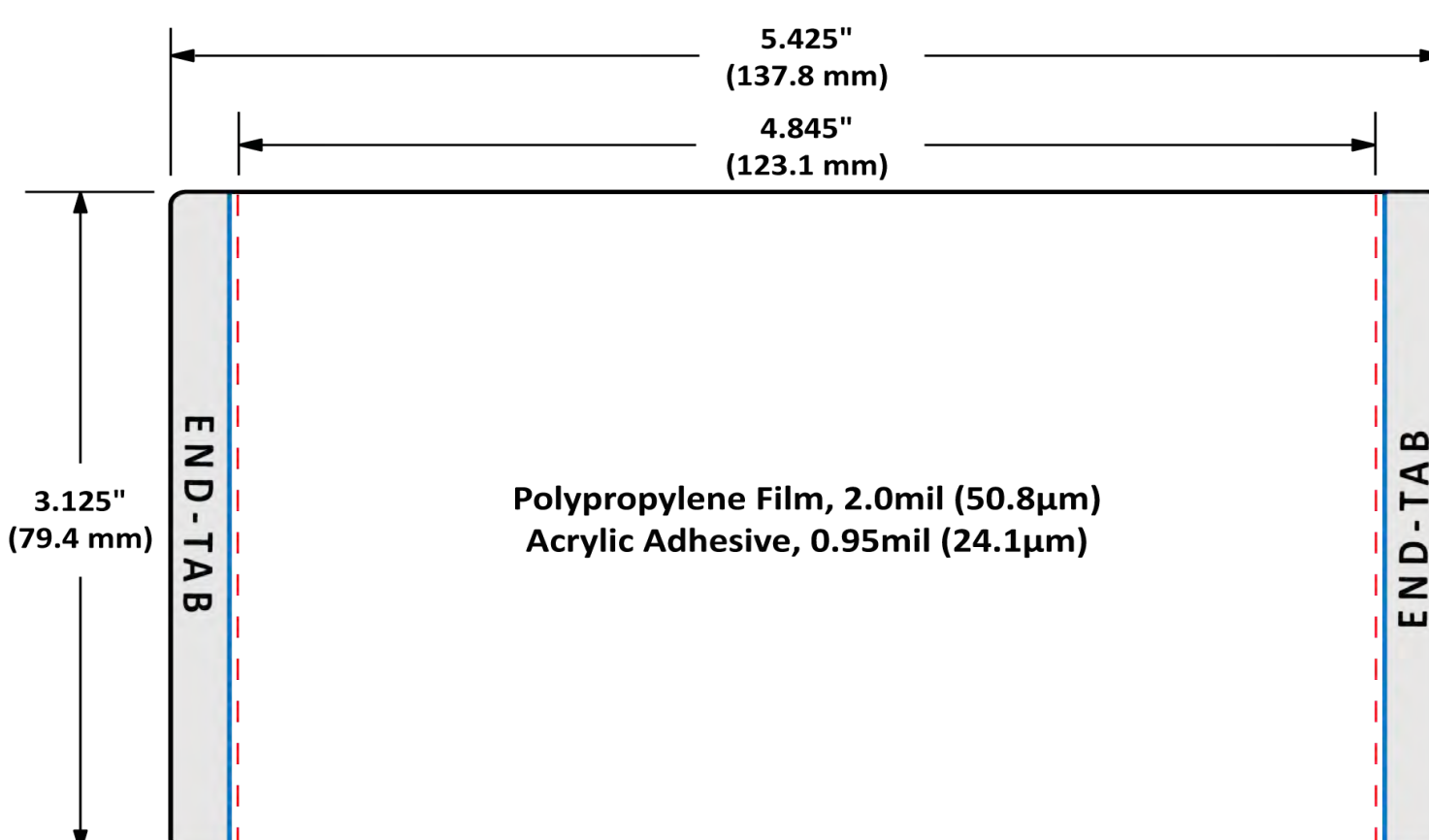
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|----------------------|-----------|
| 6980A10 | ThermalSeal | 100 |
| 6980A13 | ThermalSeal, Sterile | 100 |

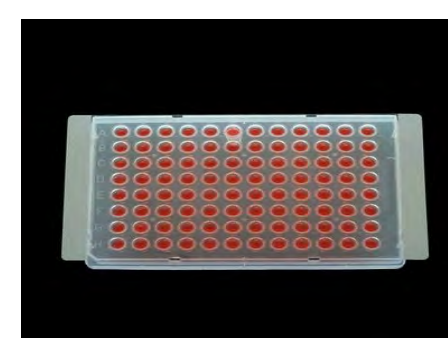
ThermalSeal features a moderate strength adhesive for ease of removal.

- Certified DNase- & RNase- free
- Only recommended for structurally rigid polypropylene PCR plates that don't warp
- A less rigid polypropylene film that minimizes aerosols upon removal
- Features good chemical resistance

*"For a stronger more secure seal,
link below to eXTreme Seal, Large"*



Similar Products



**eXTreme Seal,
Large**



ThermalSeal 2



Sealing Films

EXCEL Scientific

Plate-Sealing



EZcap™ 1x8 PCR FilmStrips™

For sealing a PCR 8-tube strip or a single row of a 96-well plate

Application:

PCR and short-term storage

Temperature Range:

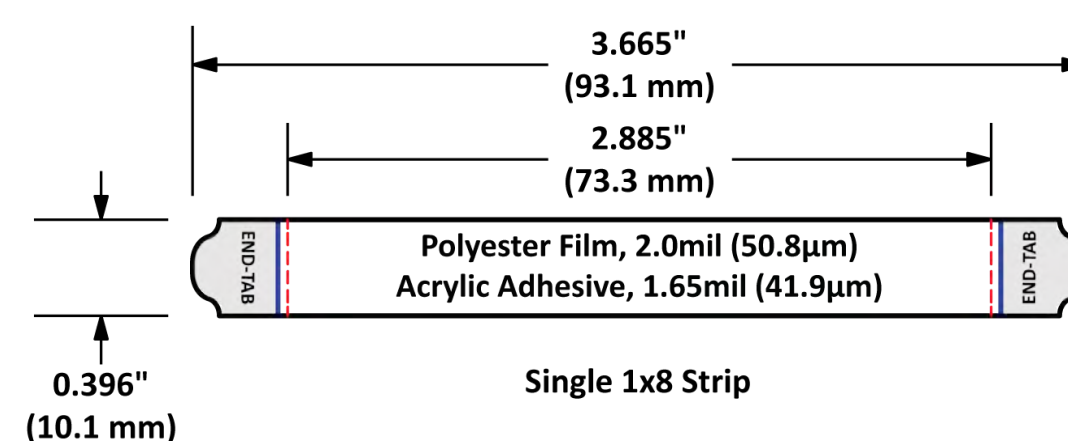
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------------------|------------|
| 1150Q18 | EZcap 1x8 PCR FilmStrips | 400 Strips |

An economical and more user-friendly alternative to PCR strip-caps; no sore thumbs guaranteed! Precision cut to a smaller dimension for sealing one PCR 8-tube strip or a single row of a 96-well plate whenever rows must be selectively protected or accessed. FilmStrips remove easily with no splash back as can occur with strip-caps.

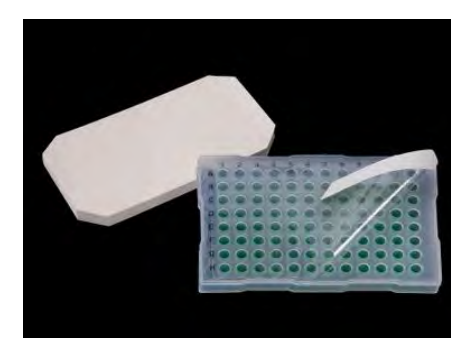
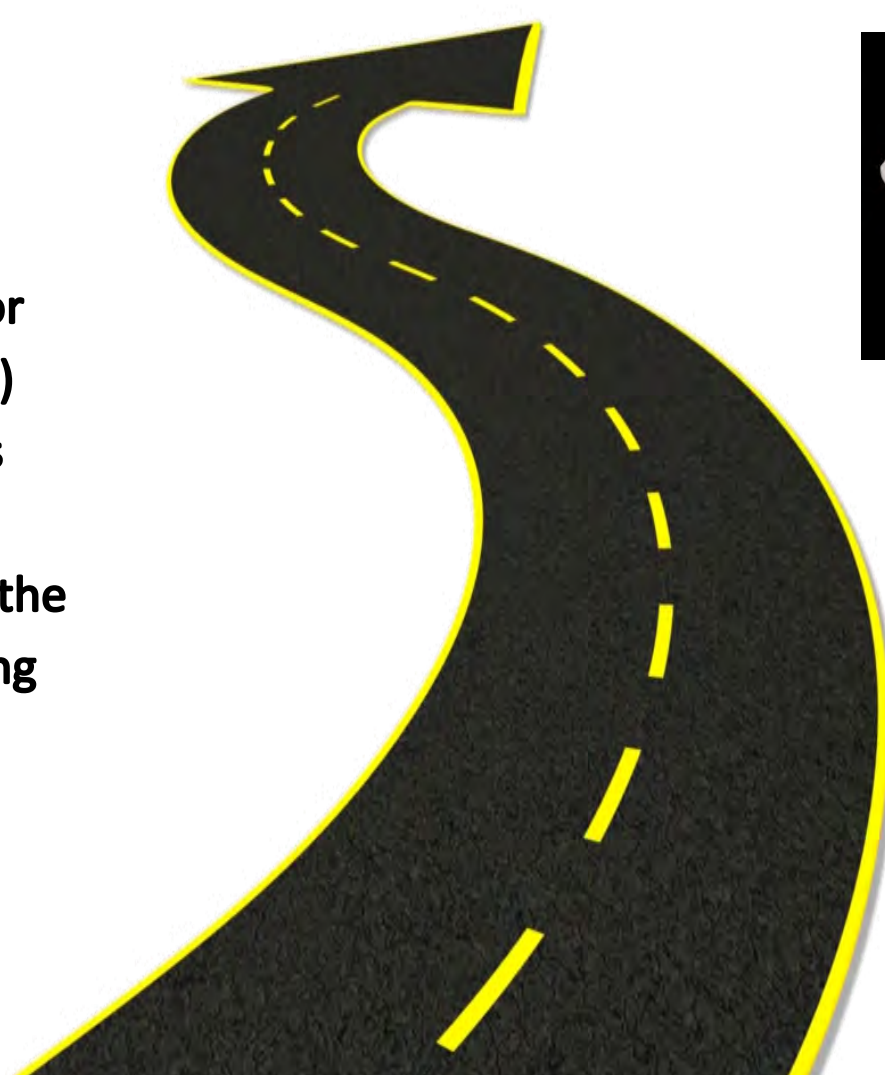
- Certified DNase- & RNase- free
- Features an extra strong, thick adhesive to minimize evaporation
- Each sheet contains 8 strips on a continuous liner

*"For a full plate size version of this film,
link below to eXTreme Seal"*



- »» A non-locking workstation is recommended for sample prep (e.g. 96-well round-bottom plate)
- »» Removal of the end-tabs at the perforations is recommended before thermal cycling
- »» A final sealing step is highly recommended in the thermal cycler because 8-tube strips flex during handling

Similar Products



eXTreme Seal

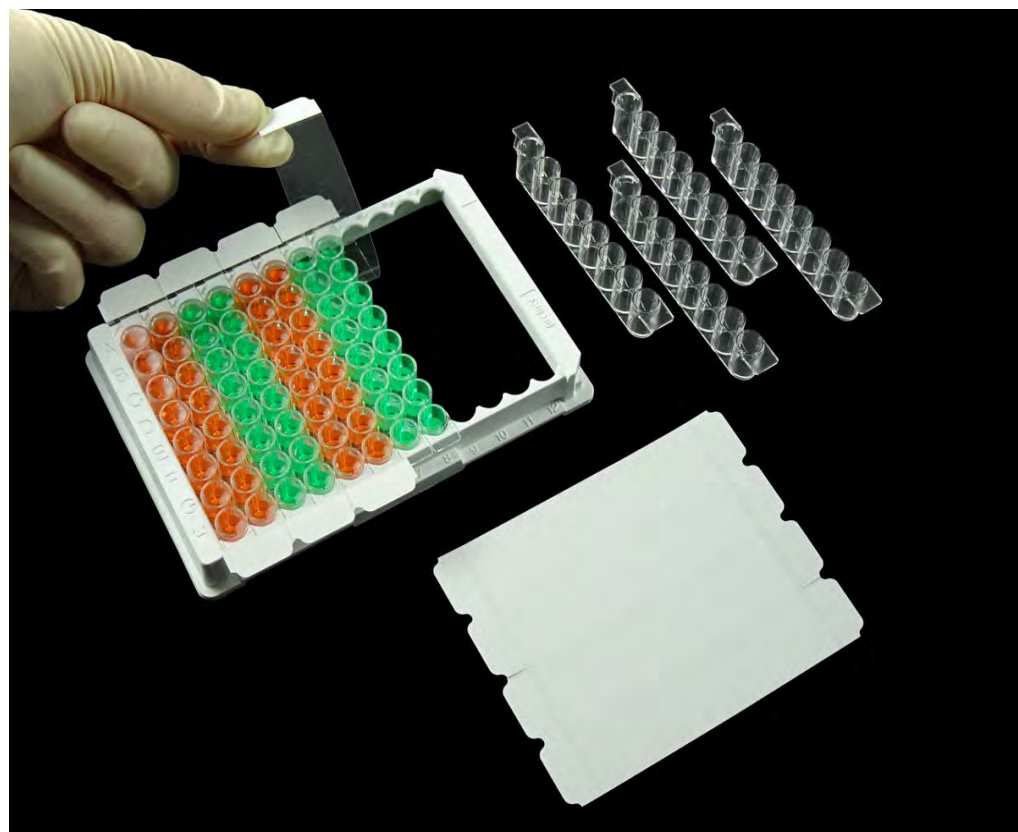


eXTreme Seal,
Large



Sealing Films

EXCEL Scientific



ThermalSeal® 2x8 MiniStrips™

For sealing one or two rows of a 96-well plate

Application:

Short-term storage

Temperature Range:

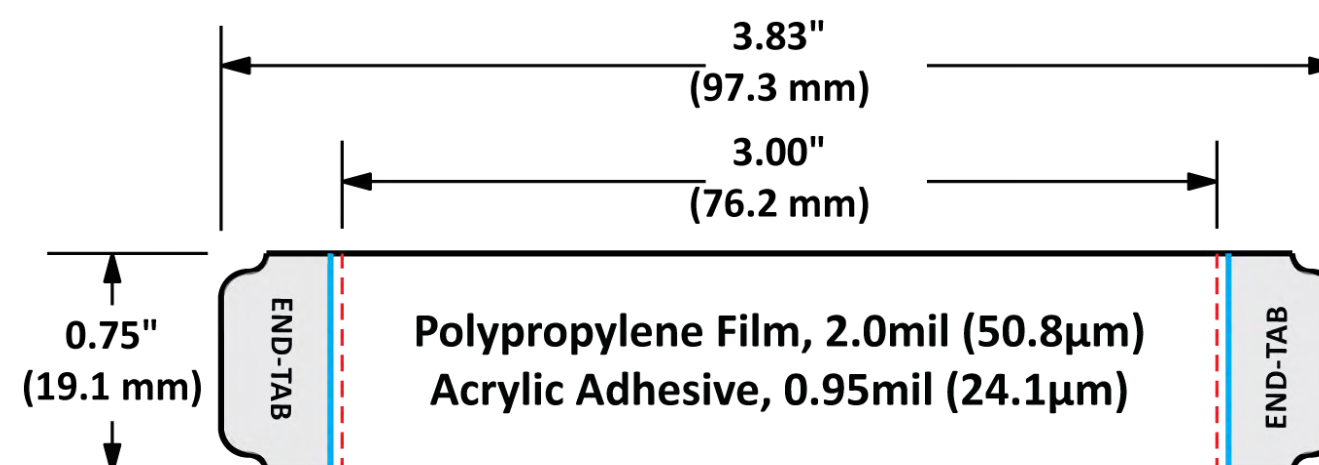
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|------------------------|-----------|
| 1230Y23 | ThermalSeal MiniStrips | 200 |

ThermalSeal 2x8 MiniStrips are less expensive than full-size sheets when using only a partial plate. Designed for use with standard 96-well plates where rows must be selectively protected or accessed.

- Certified DNase- & RNase- free
- Each sheet contains 4 strips on a continuous liner
- Apply individually or two-at-a-time
- Can be used as a secondary film to seal previously pierced wells or to prevent accidental pipetting

"For a 1x8 PCR FilmStrip featuring an extra strong adhesive, link below to EZcap 1x8 FilmStrips"



Single 2x8 Strip

Similar Products



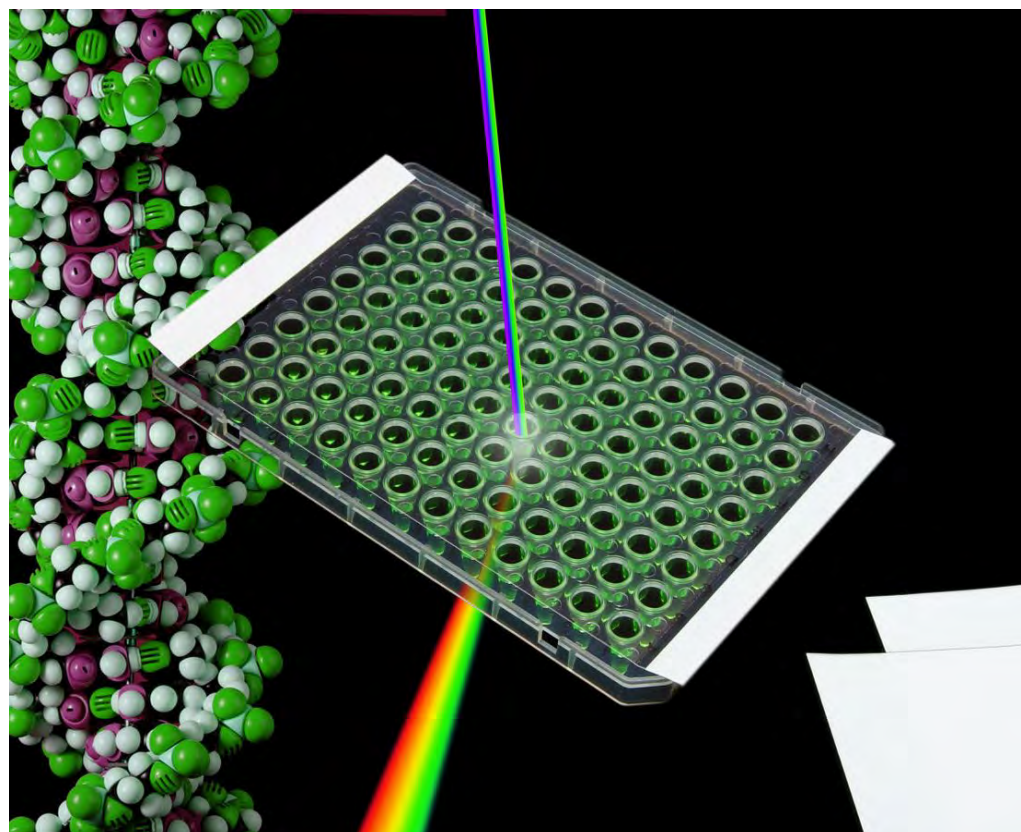
**EZcap 1x8
PCR FilmStrips**



Sealing Films

EXCEL Scientific

Plate-Sealing



ThermalSeal® RTS™

Features a pressure-activated, non-tacky, silicone adhesive

Application:

qPCR, long-term storage, protein crystallography & HPLC

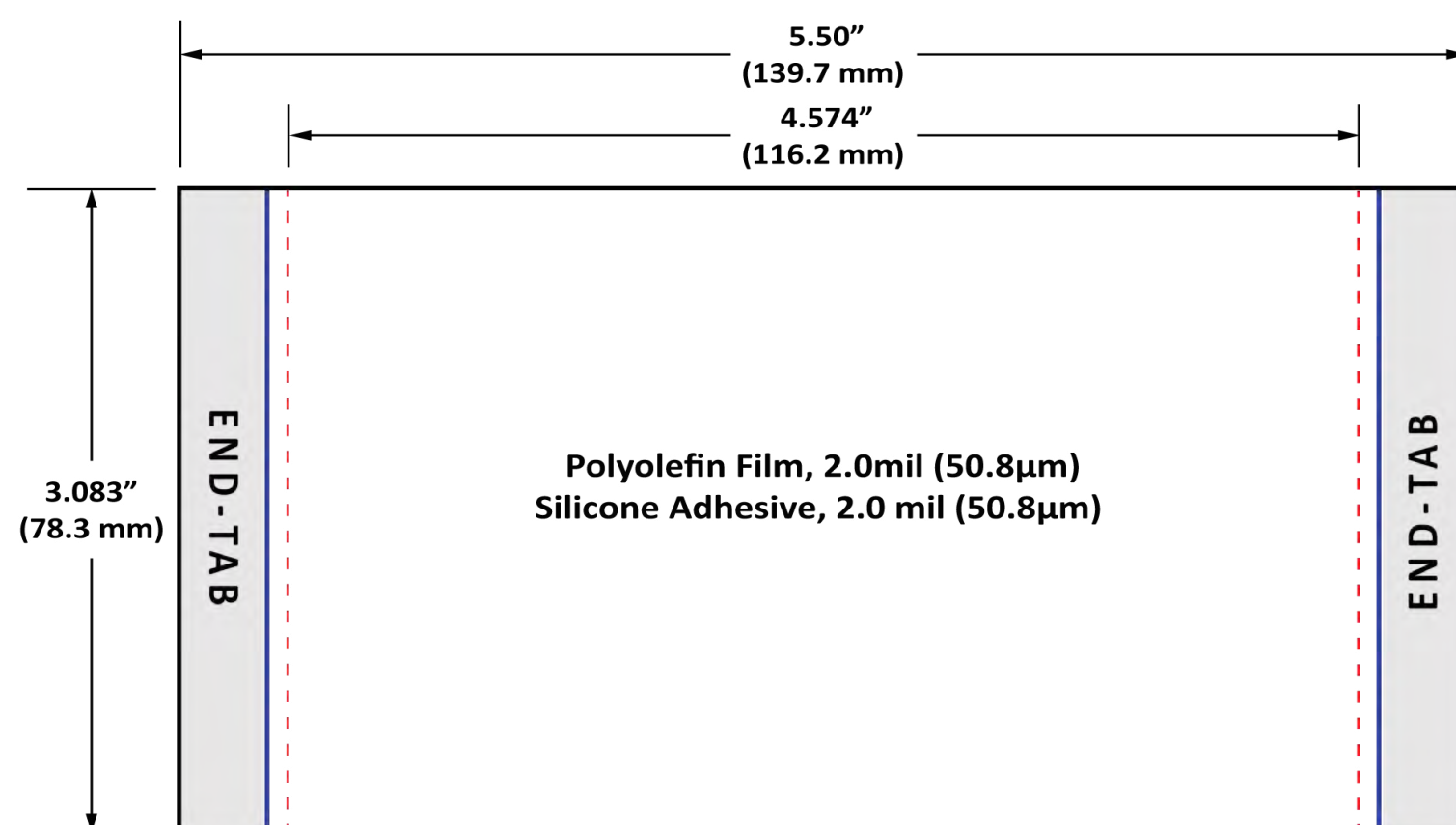
Temperature Range:

-80°C to +105°C

| Catalog # | Description: | Quantity: |
|-----------|-----------------------------|-----------|
| 1222K41 | ThermalSeal RTS | 100 |
| 20A00H700 | NEW! ThermalSeal RTS | 25 |
| 1187A11 | ThermalSeal RTS, Sterile | 50 |

ThermalSeal RTS provides an extremely strong seal to minimize evaporation. The silicone adhesive is non-tacky until pressure is applied to the sealing surface which then creates a secure bond around the wells and perimeter of the plate. Also ideal for dry samples (e.g. soil, seeds, insects, etc.) because the non-activated adhesive above the wells remains non-tacky. A roller or sealing paddle is highly recommended for use with this product to ensure consistent and adequate pressure is applied during the sealing process.

- Certified DNase- & RNase- free
- Now available 25/ pack, "you asked, we listened."
- Handling and plate positioning is simplified as a result of the non-tacky adhesive
- Chemically resistant to DMSO, acetonitrile, and methanol
- Ideal for use with flat-top, raised-rim and non-skirted PCR plates
- High optical clarity and low auto-fluorescence
- Available in roll format for automation: ThermalSeal RTS Roll-Seal
- A complimentary sealing paddle is included in each box

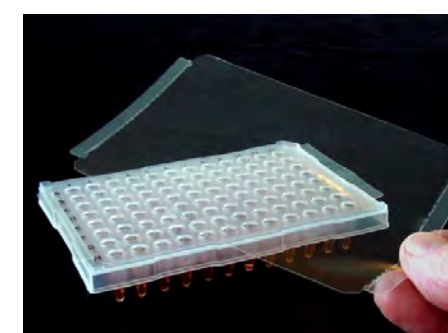


"For an ultra-high clarity qPCR film with a tacky adhesive, link below to ThermalSeal RT2RR"



- » Sufficient pressure must be applied to activate the silicone adhesive
- » Multiple swipes of the sealing paddle in both directions is highly recommended
- » A 10 minute or greater wait period before thermal cycling increases the film-to-plate bond

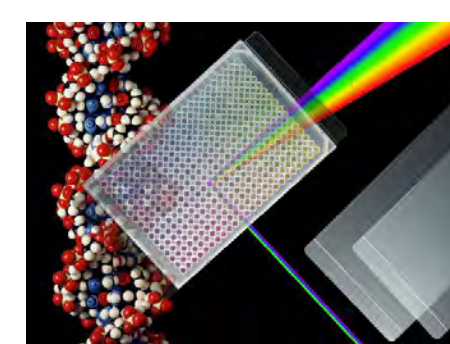
Similar Products



ThermalSeal RT2RR



ThermalSeal RTS Roll-Seal



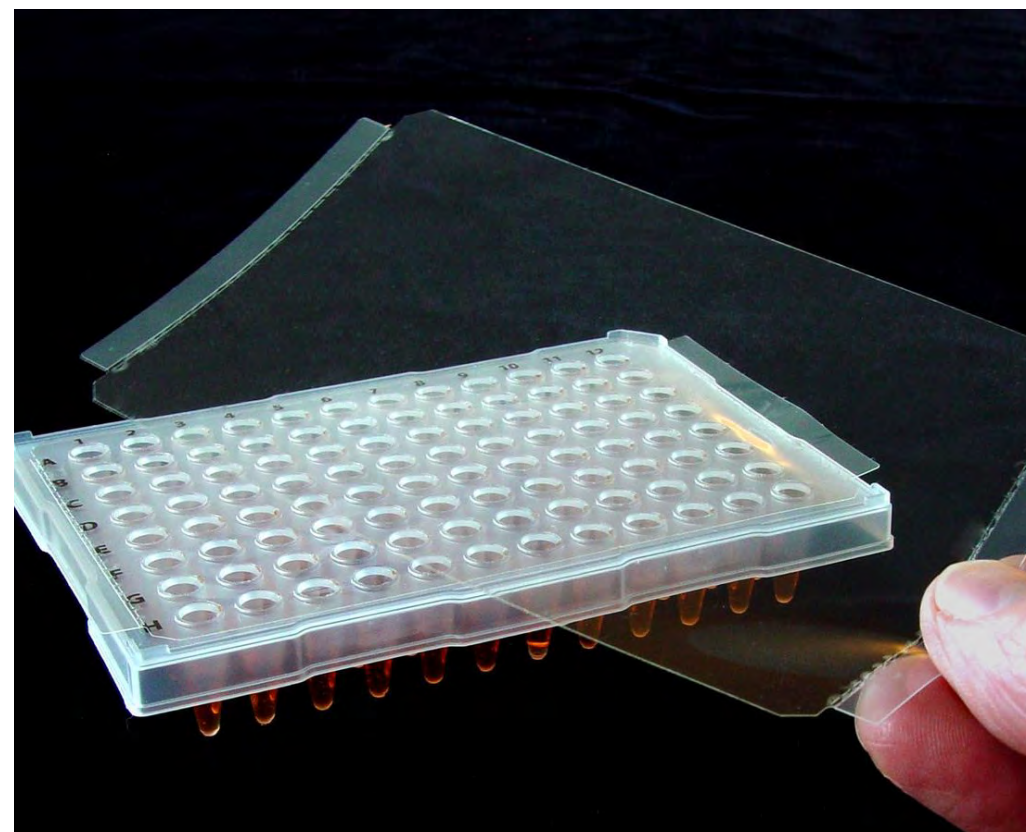
ThermalSeal RT2



Sealing Films

EXCEL Scientific

Plate-Sealing



ThermalSeal® RT2RR™

For superior optics and a very strong bond

Application:

qPCR

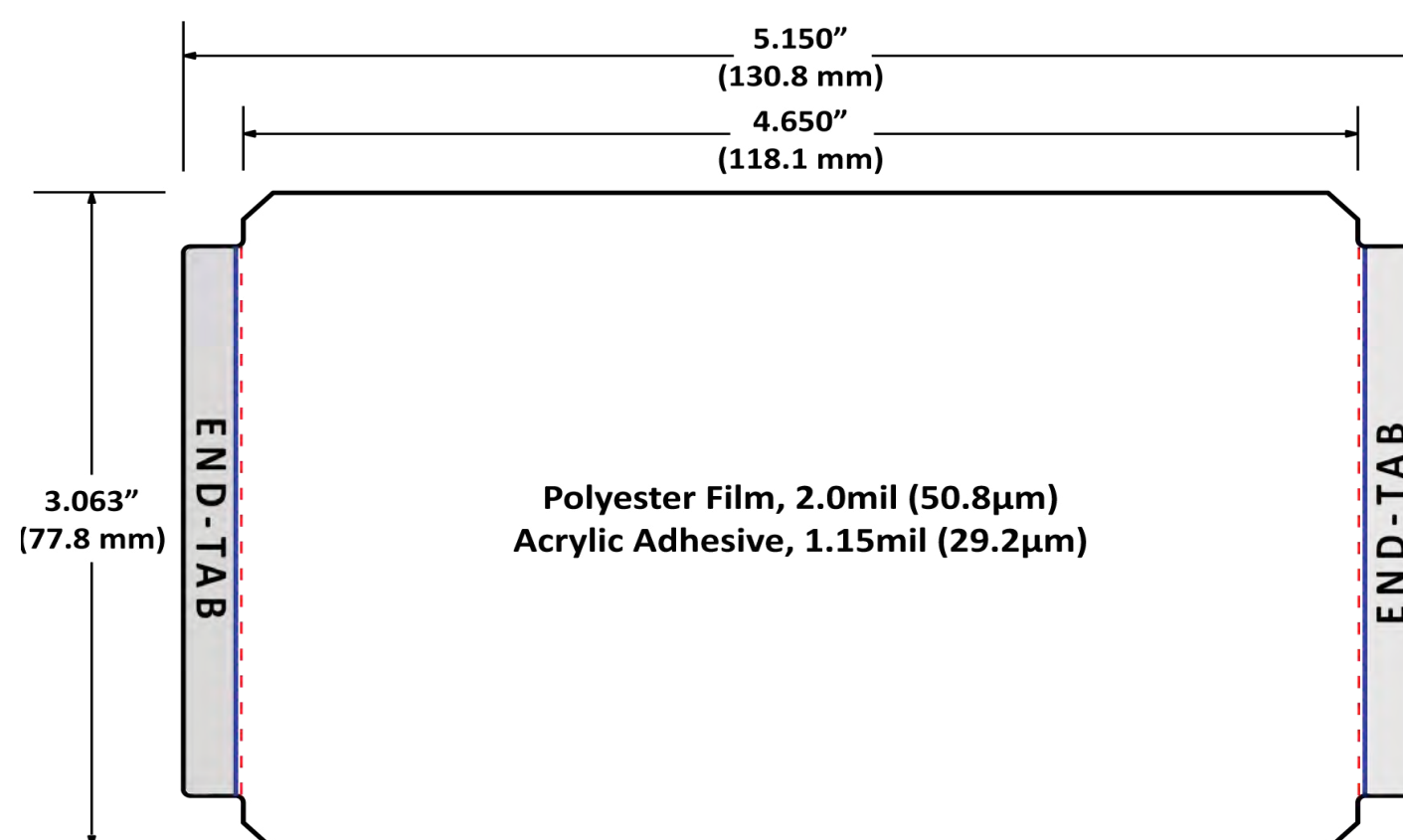
Temperature Range:

-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 1232X09 | ThermalSeal RT2RR | 100 |

ThermalSeal RT2RR sealing films combine an optically transparent polyester sealing film with a very strong, ultra-smooth, soft and highly conformable adhesive.

- Certified DNase- & RNase- free
- Ultra-high optical clarity
- Features a soft conformable adhesive which forms a very strong seal around the raised wells to minimize evaporation and cross-contamination
- Ideal for use with raised-rim, non-skirted, and hard-shell dual component (e.g. polycarbonate / polypropylene) PCR plates
- Available in a larger cut for flat-top semi-skirted and full-skirted PCR plates: ThermalSeal RT2
- A complimentary sealing paddle is included in each box
- Not recommended for removal after thermal cycling

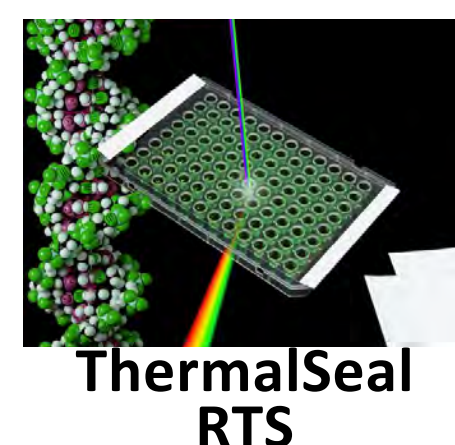


"For a non-tacky, pressure-sensitive, removable silicone adhesive film, link below to ThermalSeal RTS"



- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

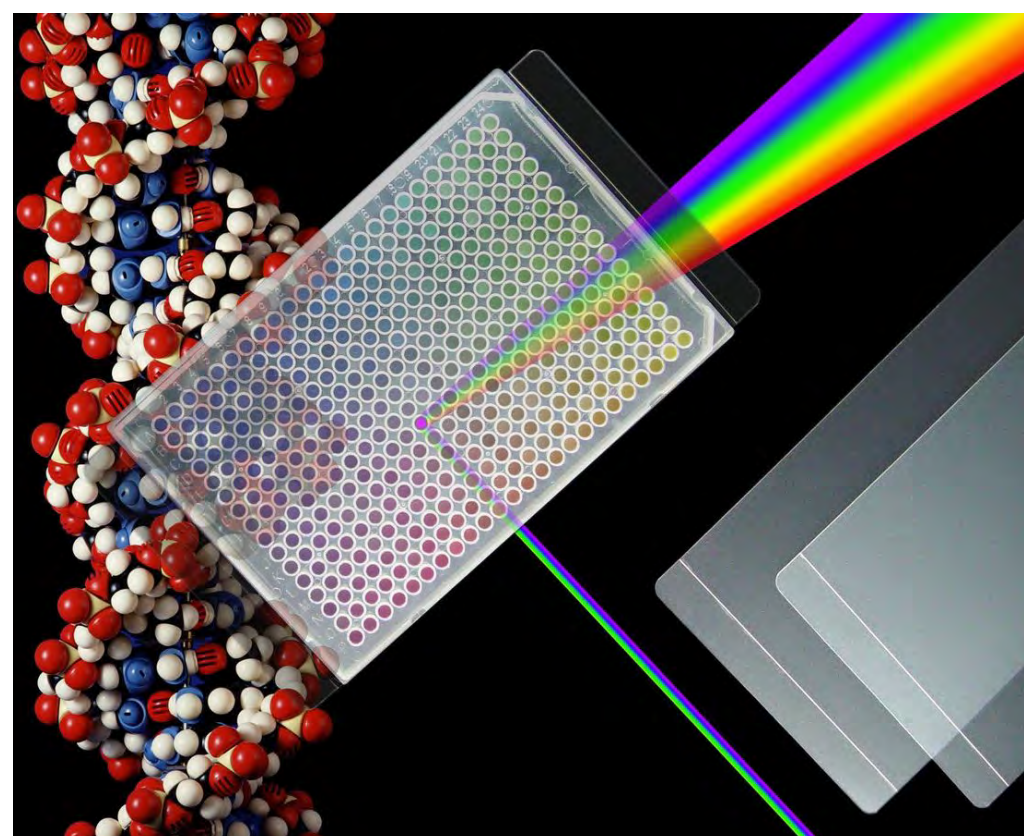
Similar Products





Sealing Films

EXCEL Scientific



ThermalSeal® RT2™

For superior optics and a very strong bond

Application:

qPCR

Temperature Range:

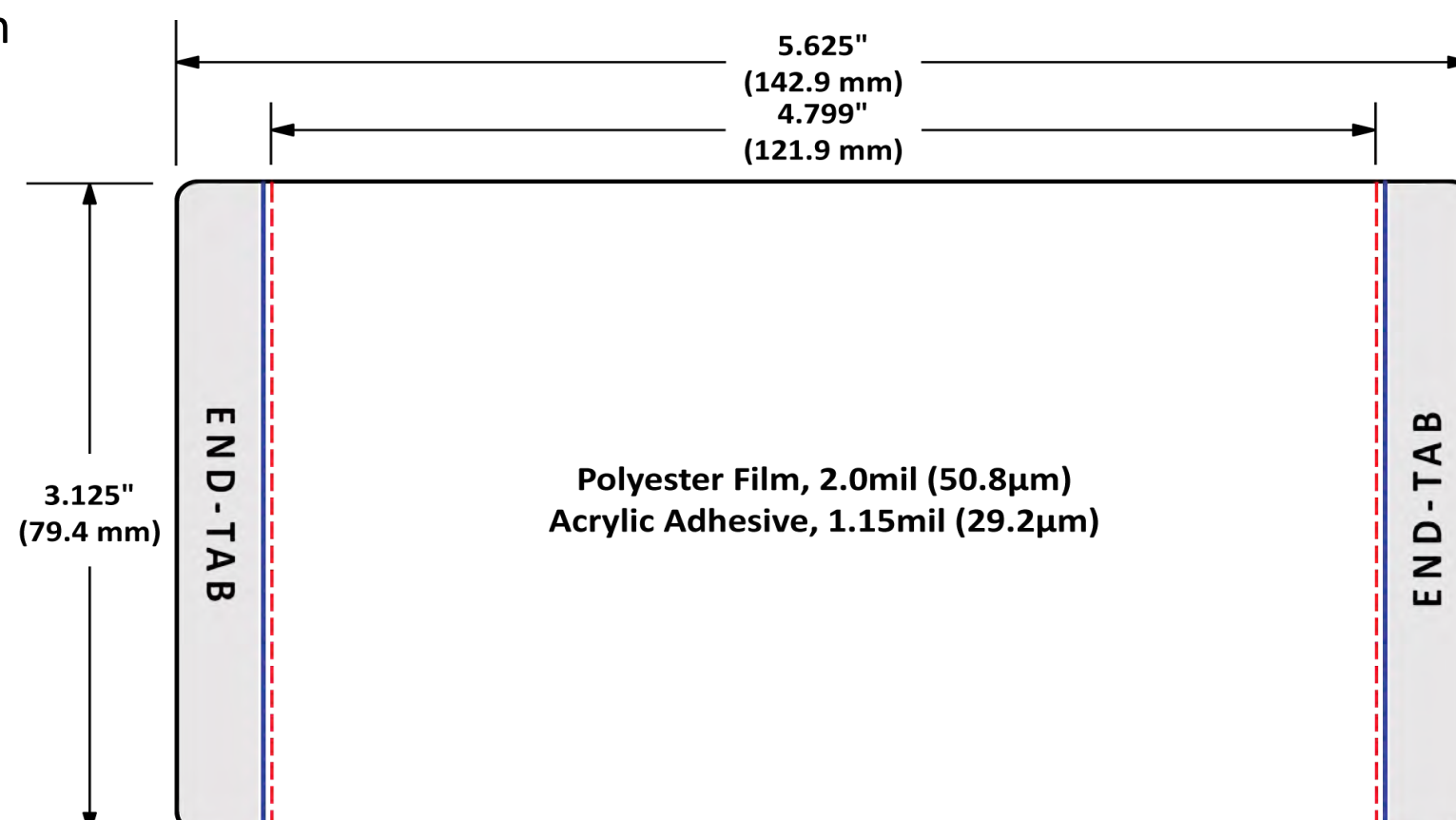
-40°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|----------------|-----------|
| 6980A11 | ThermalSeal RT | 100 |

ThermalSeal RT2 sealing films combine an optically transparent polyester sealing film with a very strong, ultra-smooth, soft and highly conformable adhesive.

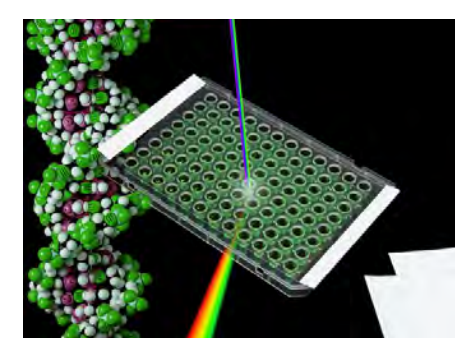
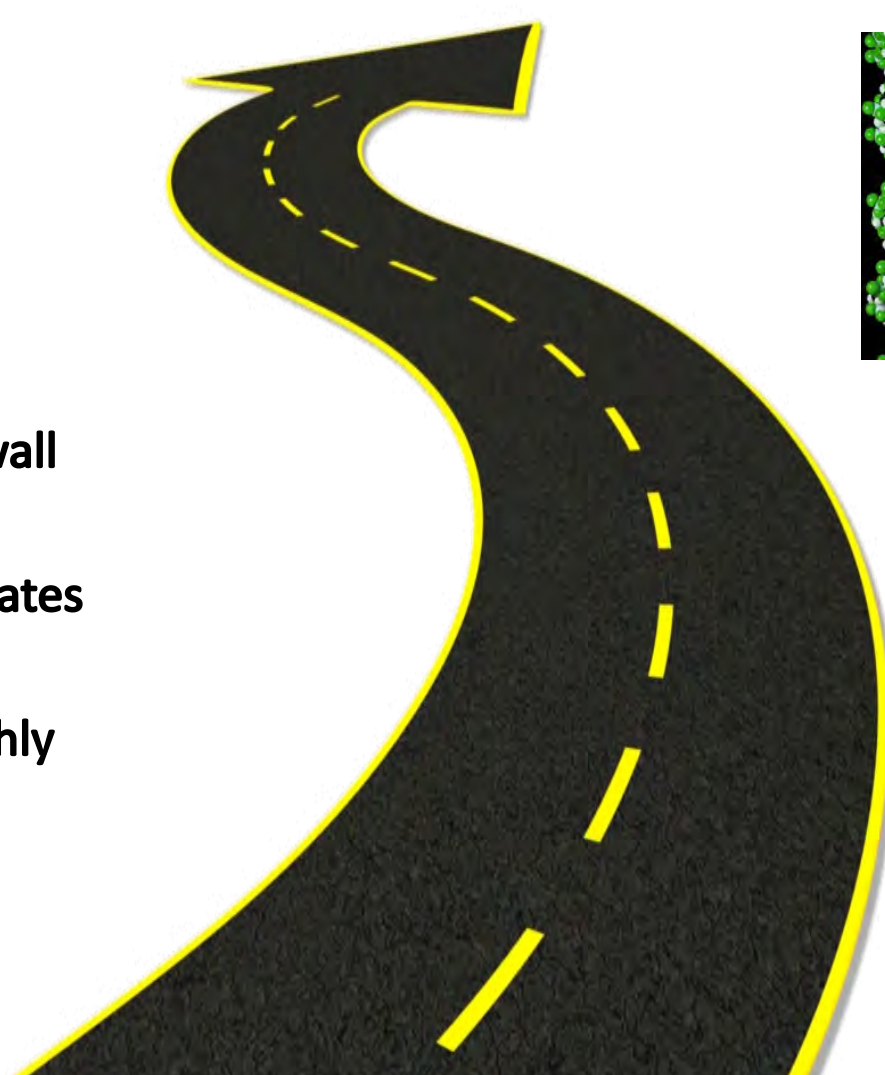
- Certified DNase- & RNase- free
- Ultra-high optical clarity
- Features a soft conformable adhesive which forms a very strong seal around raised wells to minimize evaporation and cross-contamination
- Ideal for use with flat-top and hard-shell dual component (e.g. polycarbonate / polypropylene) PCR plates
- Available in a smaller cut for raised-rim and non-skirted PCR plates: ThermalSeal RT2RR
- Not recommended for removal after thermal cycling

"For a non-tacky, pressure-sensitive, removable silicone adhesive, link below to ThermalSeal RTS"

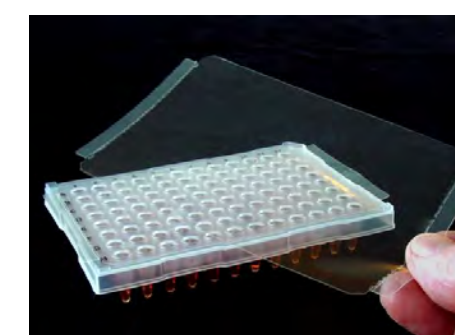


- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells
- » End-tab removal before thermal cycling is highly recommended

Similar Products



ThermalSeal
RTS



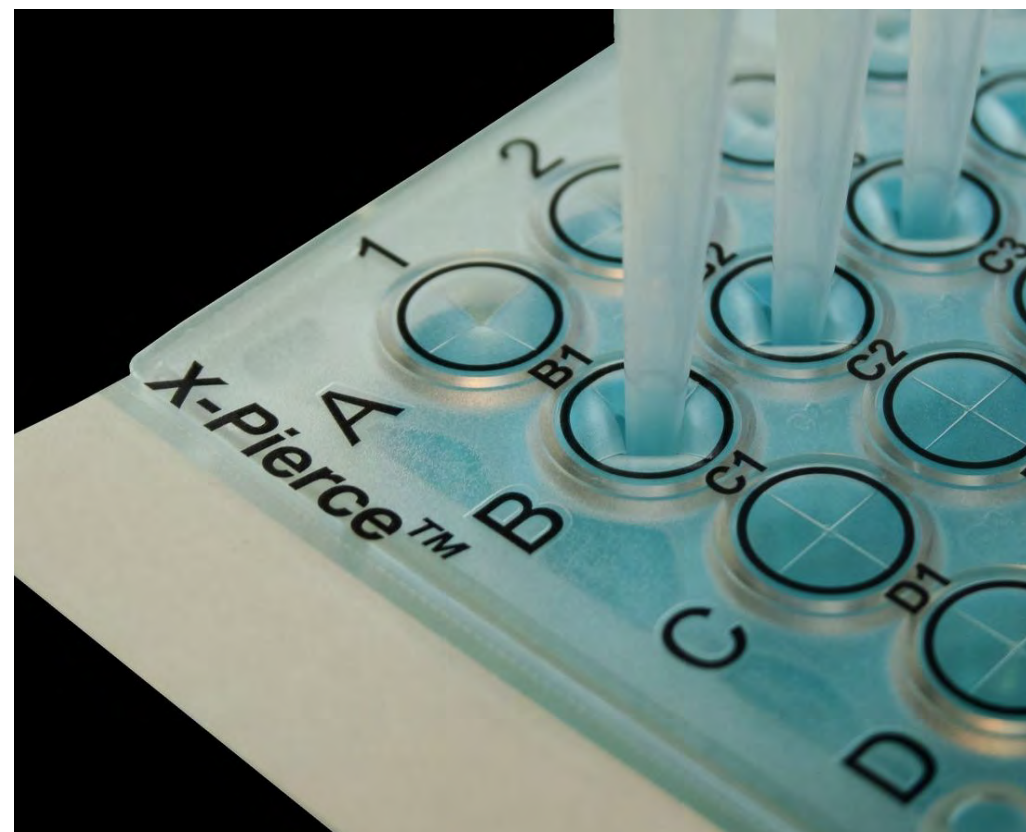
ThermalSeal
RT2RR



Sealing Films

EXCEL Scientific

Plate-Sealing



X-Pierce™

For resealability and easy access without pipet tip coring or adhesive fouling

Application:

Short-term processing and storage at ambient temperatures; robotics

Temperature Range:

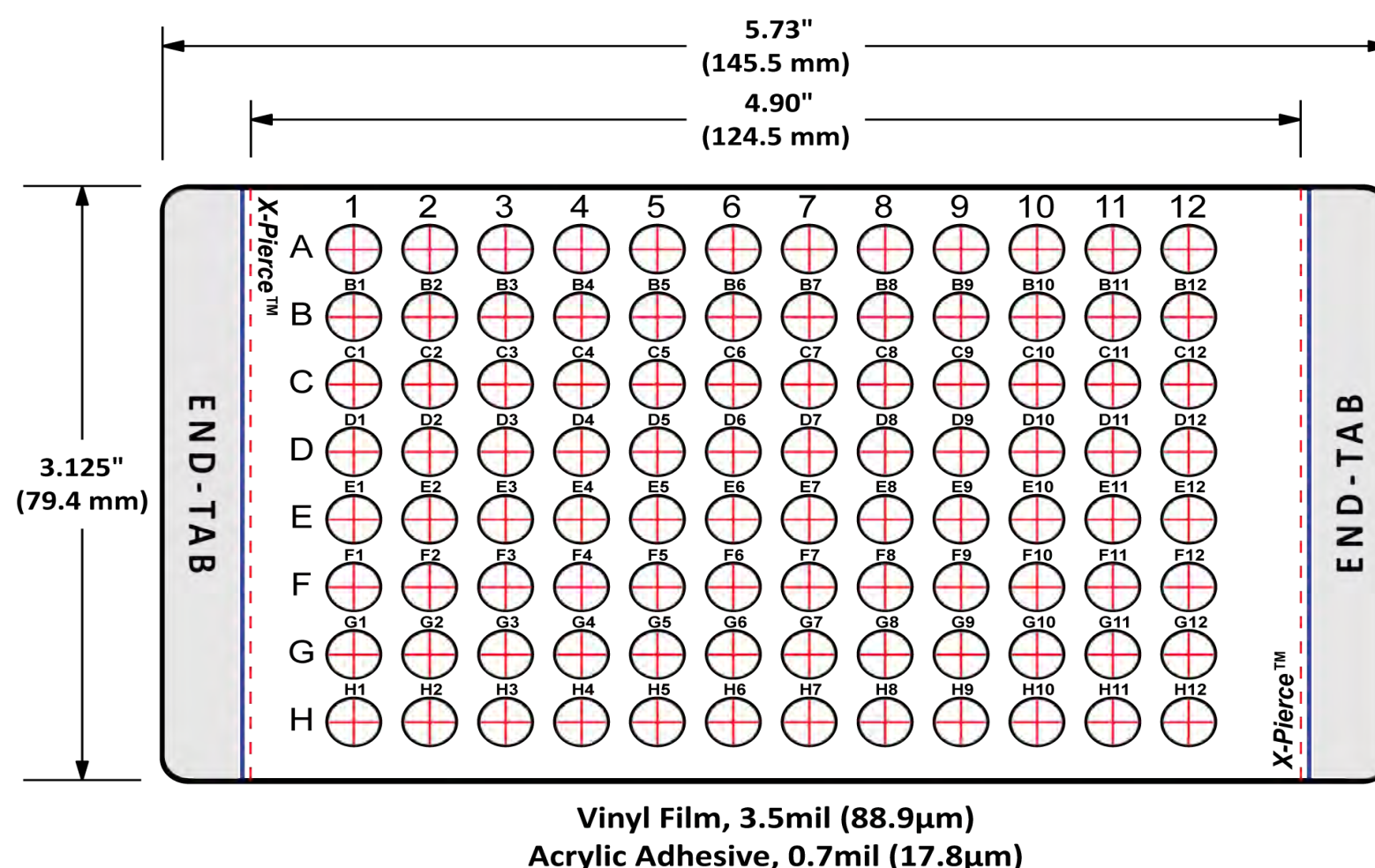
-40°C to +90°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 1230Y21 | X-Pierce | 100 |
| 1230Y22 | X-Pierce, Sterile | 50 |

X-Pierce film is designed for short-term processing and storage of samples that require multiple access to wells by pipet tips or robotic probes. A pre-cut "X" over each well creates bendable flaps that provide sample access without coring or adhesive fouling of tips or probes. Ideal for COVID-19 sample collection in deep-well plates using swabs.

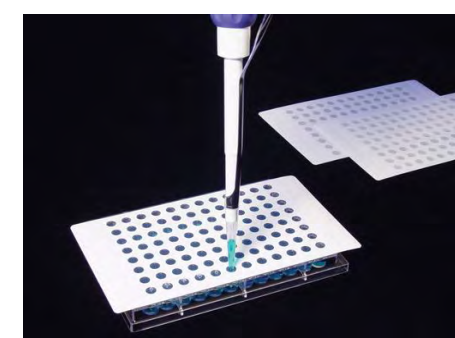
- Pierceable
- Printed circles aid in the alignment of the film to the plate
- Printed alphanumeric identify each well of a 96-well plate
- Reseals after piercing for continued sample protection

"For a pierceable, non-scored film with adhesive-free zones, link below to Zone-Free"

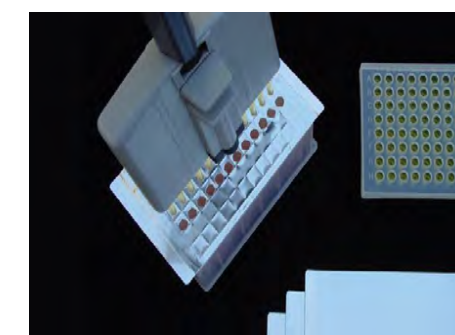


»» To help position the film to the plate, align wells A-1 and H-12

Similar Products



Zone-Free



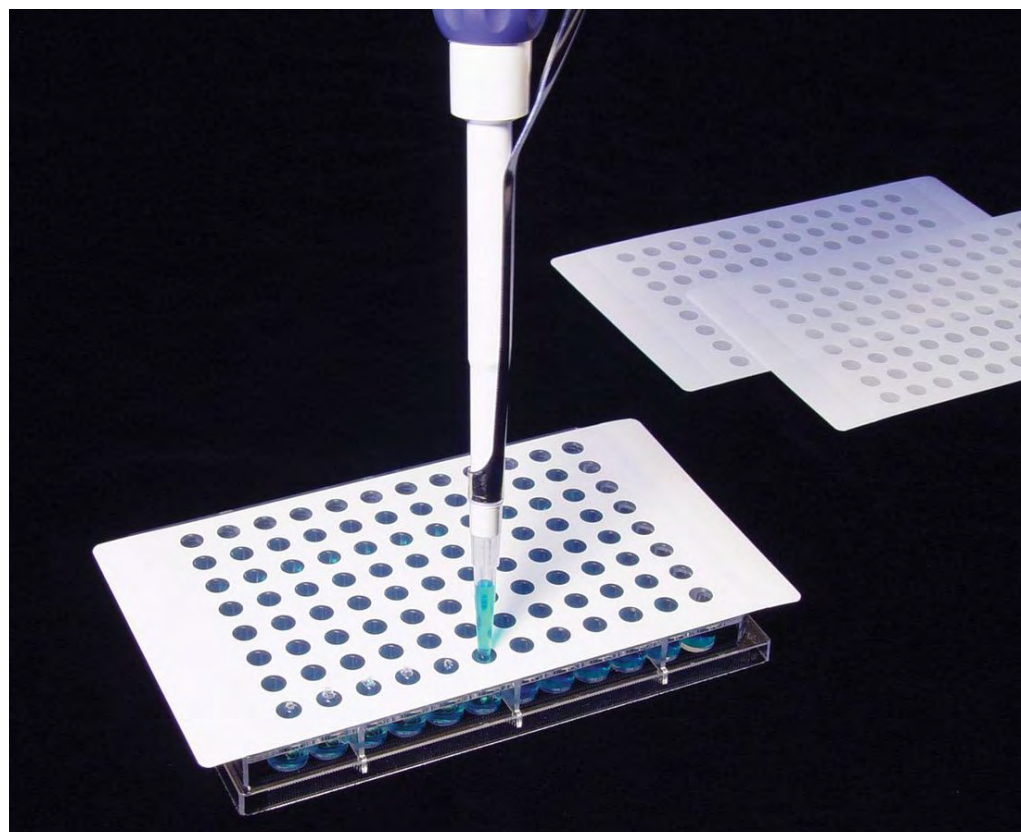
AlumaSeal II



Sealing Films

EXCEL Scientific

Plate-Sealing



Zone-Free™

For easy sample access without adhesive fouling of pipet tips or probes

Application:

Short-term storage and robotics

Temperature Range:

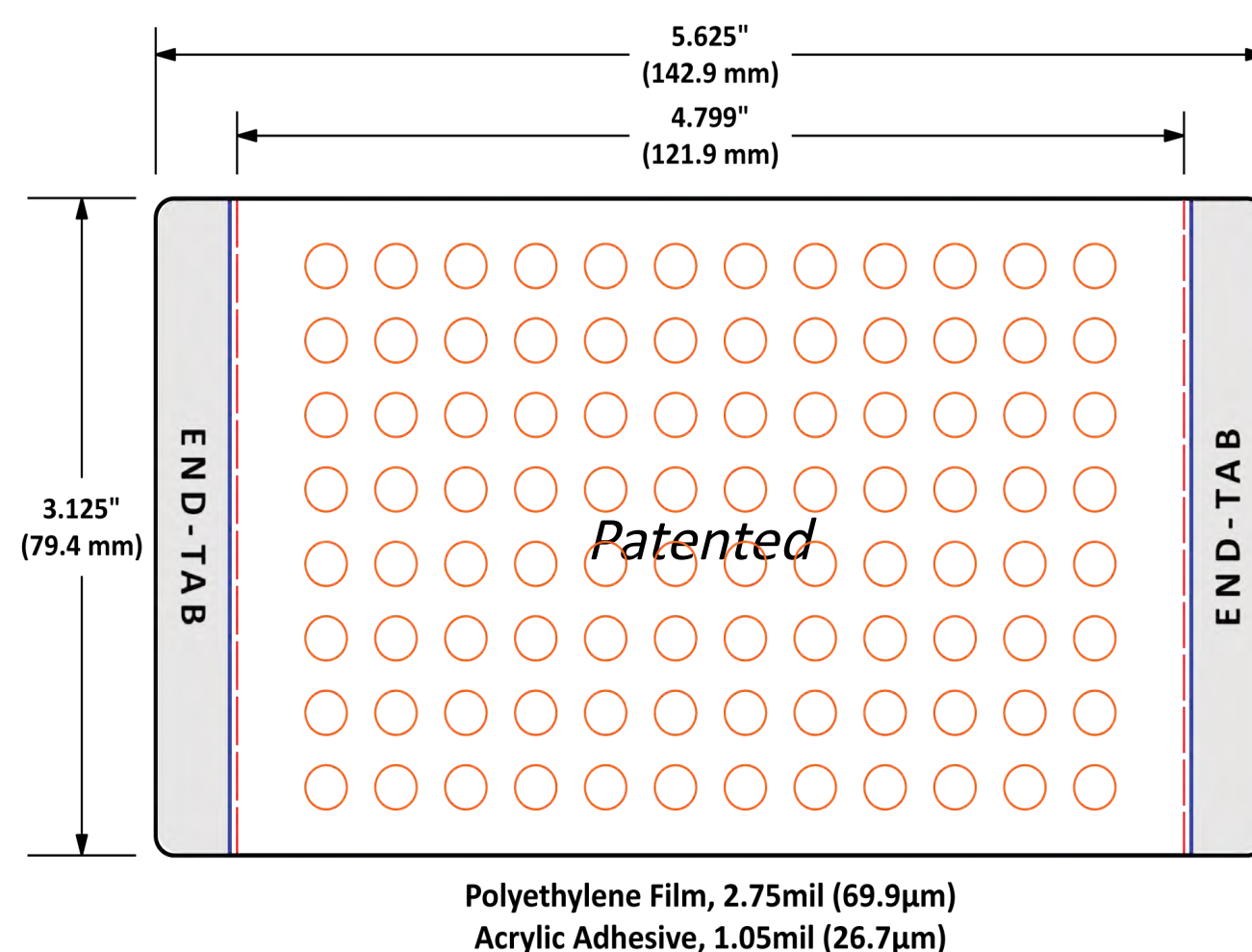
-40°C to +90°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 6980A43 | Zone-Free | 50 |

Zone-Free is a multilayer film consisting of a top pierceable clear polyethylene film and a white polypropylene sublayer with 96 circular areas void of adhesive. The white sublayer aids in the alignment of the film to the plate; alignment of opposing corner wells ensures that all 96 wells will be properly aligned. The adhesive-free zones are 9mm on center to facilitate multi-channel pipetting without adhesive fouling of pipet tips or robotic probes.

- Pierceable
- Offers excellent chemical resistance
- Samples have minimal contact with adhesive due to the adhesive-free zones

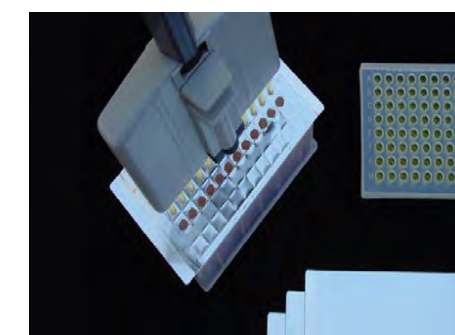
*"For a pierceable film with resealability,
link below to X-Pierce"*



Similar Products



X-Pierce



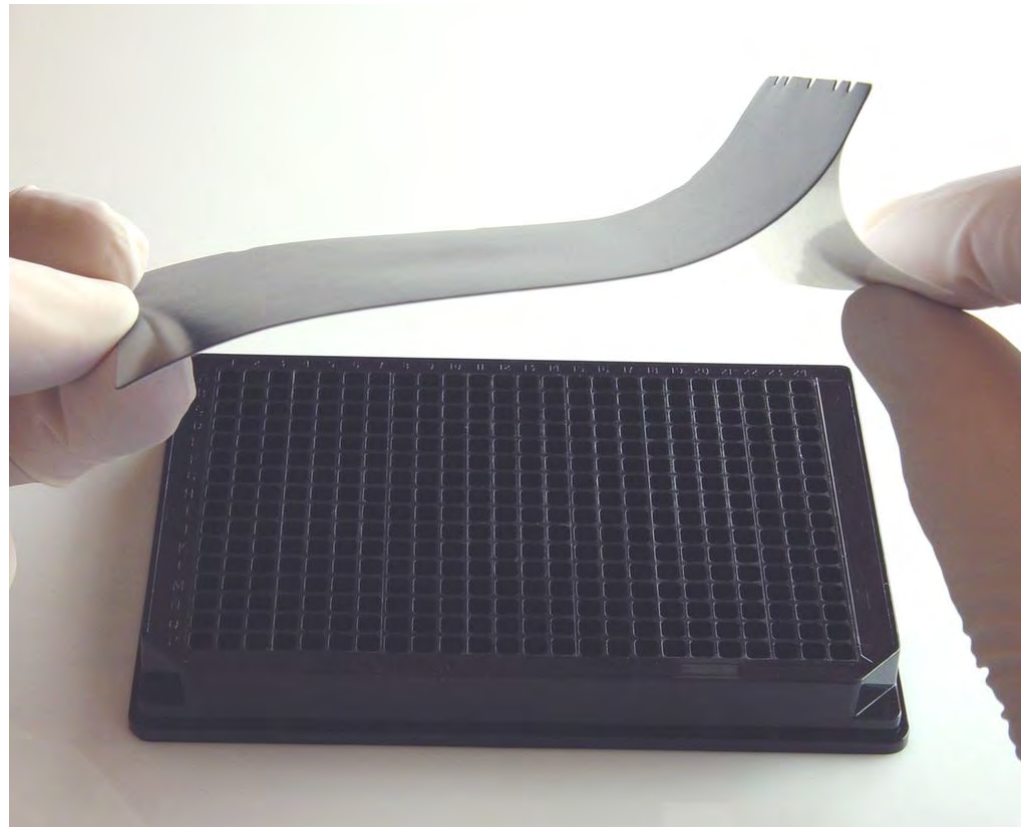
AlumaSeal II



Sealing Films

EXCEL Scientific

Plate-Sealing



AbsorbMax™

For use with black microplates

Application:

Fluorescence assays, light sensitive sample protection

Temperature Range:

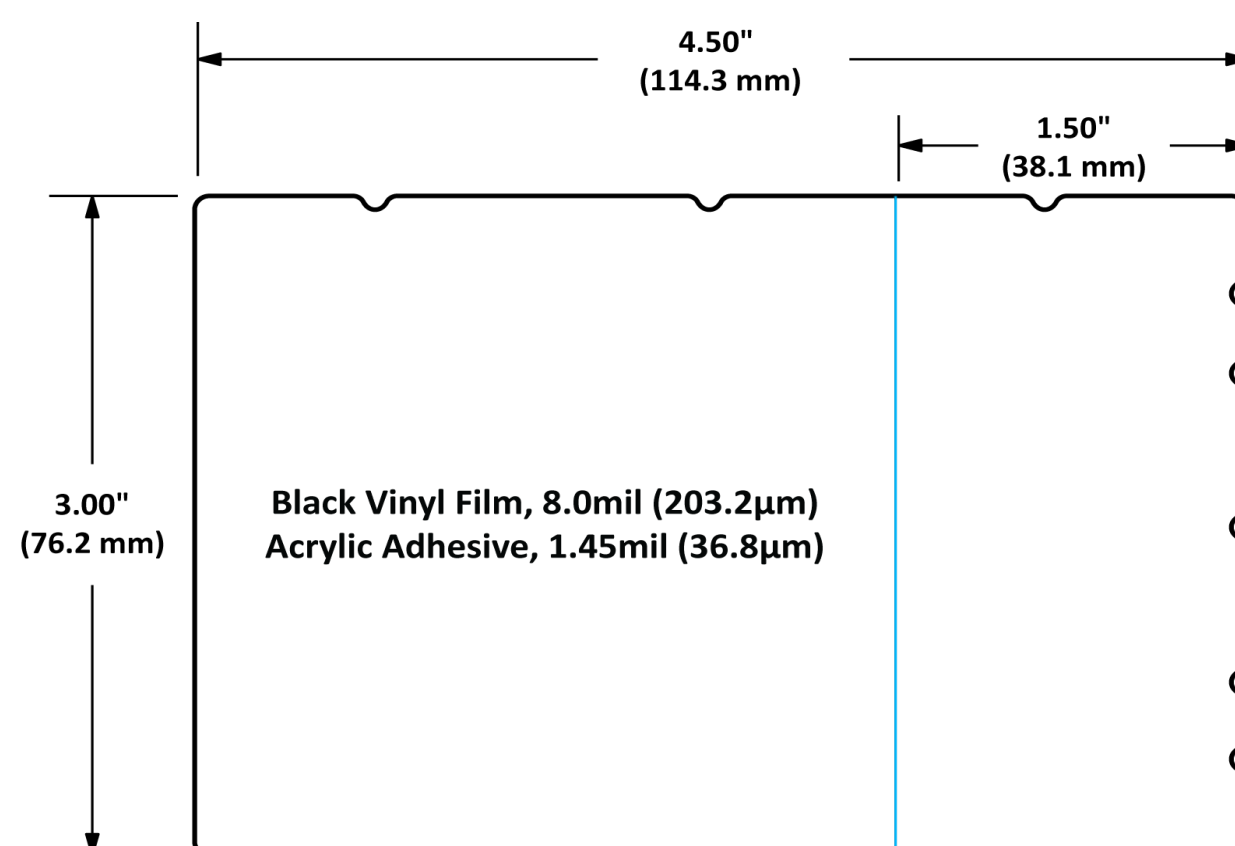
-40°C to +80°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 1230Y26 | AbsorbMax | 50 |

AbsorbMax is a black vinyl film that can be applied to either the top or bottom of the plate.

- Minimizes background fluorescence and cross talk between plate wells
- Ideal as a back seal for black plates with clear well bottoms for top reading measurements
- Absorbs stray light, reducing the background caused by light scatter
- Protects light sensitive samples from degradation
- Features a single split liner for easy application

*"For sealing white microplates,
link below to BrightMax"*



Similar Products



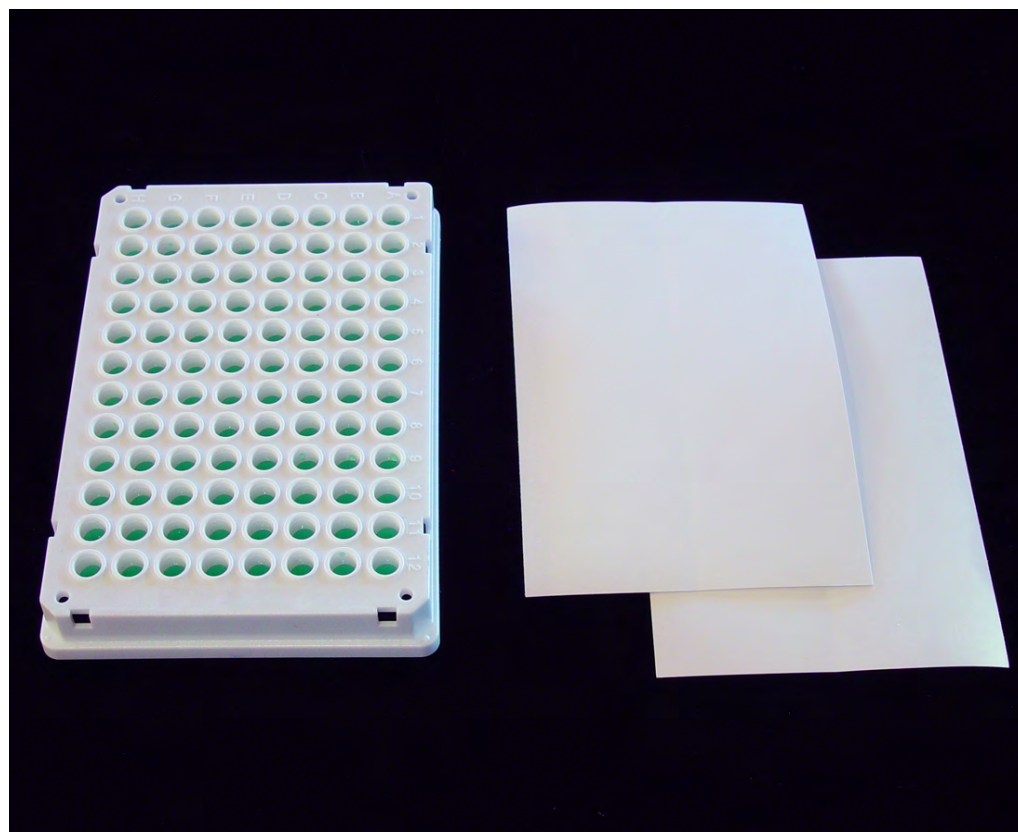
BrightMax



Sealing Films

EXCEL Scientific

Plate-Sealing



BrightMax™

For use with white microplates

Application:

Luminescence, fluorescence and microscopy

Temperature Range:

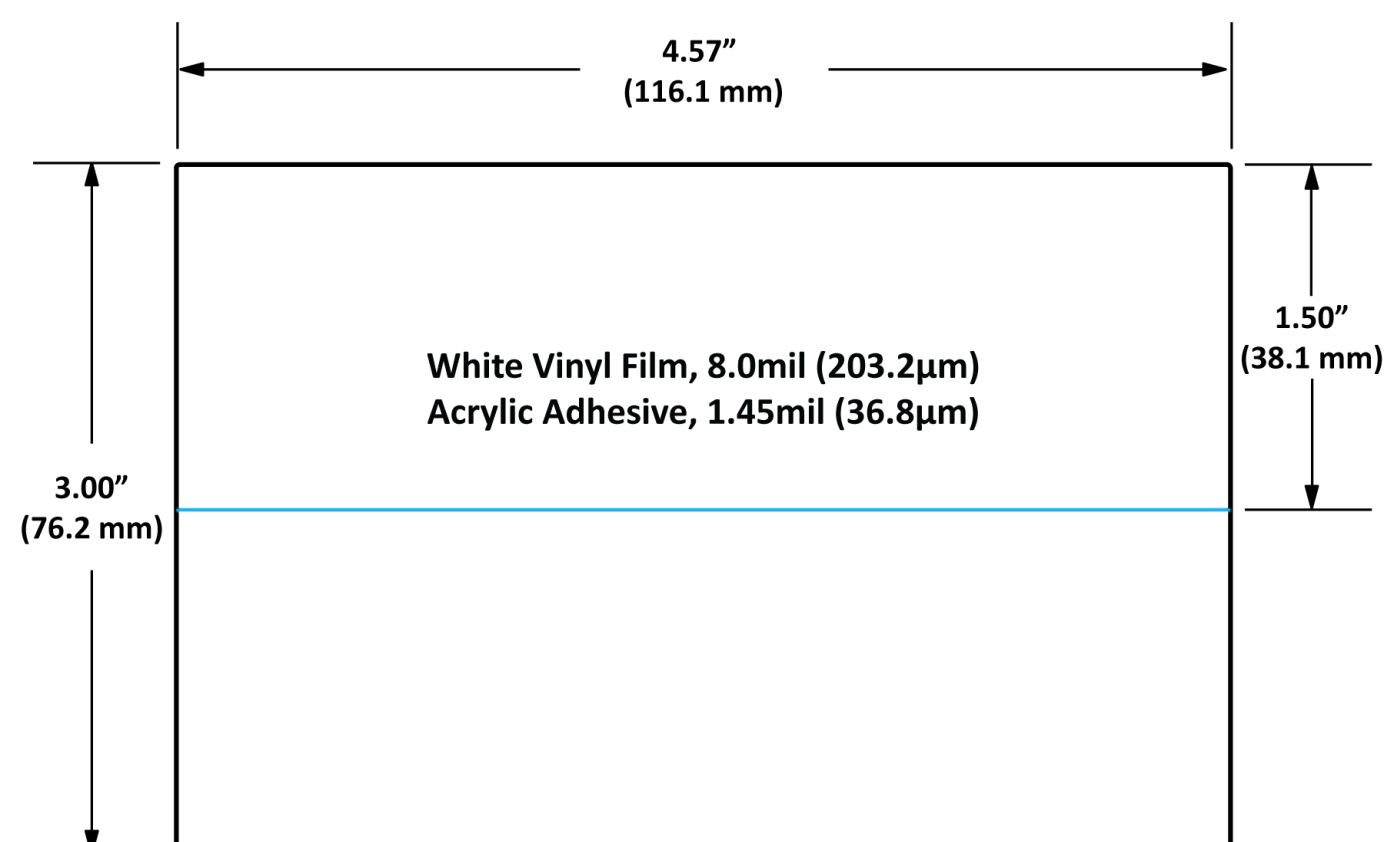
-40°C to +80°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 1222K42 | BrightMax | 50 |

BrightMax is a white, light-reflecting, vinyl film that can be applied to either the top or bottom of the plate.

- The light reflective properties on clear-bottom plates maximize the sensitivity of bioluminescence and chemiluminescence assays in bottom-reading luminometers
- Maximizes intensity and signal-to-noise ratios in luminescence assays
- May be used as a backing matrix for microscopy of punchout samples for filter plates (e.g. ELISPOT assays)
- Features a single split liner for easy application

*"For sealing black microplates,
link below to AbsorbMax"*



Similar Products



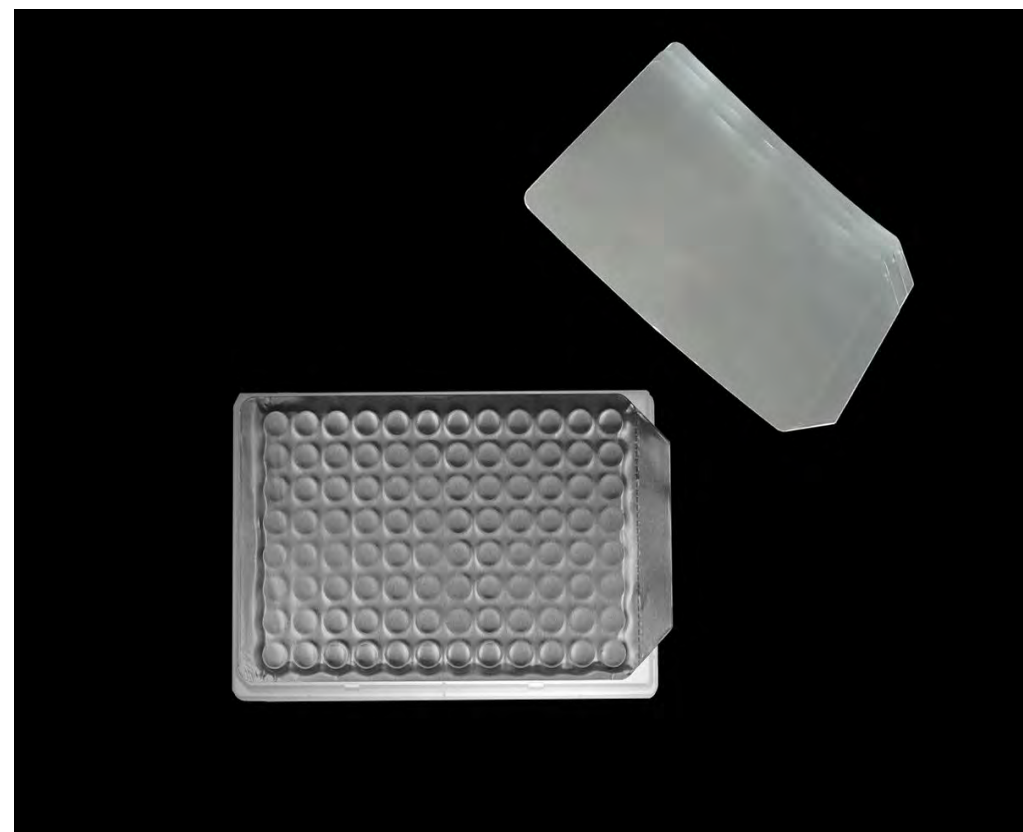
AbsorbMax



Sealing Foils

EXCEL Scientific

Plate-Sealing



FoilSeal™

Extra thick aluminum foil minimizes shredding upon removal

Application:

PCR, light sensitive assays and robotics

Temperature Range:

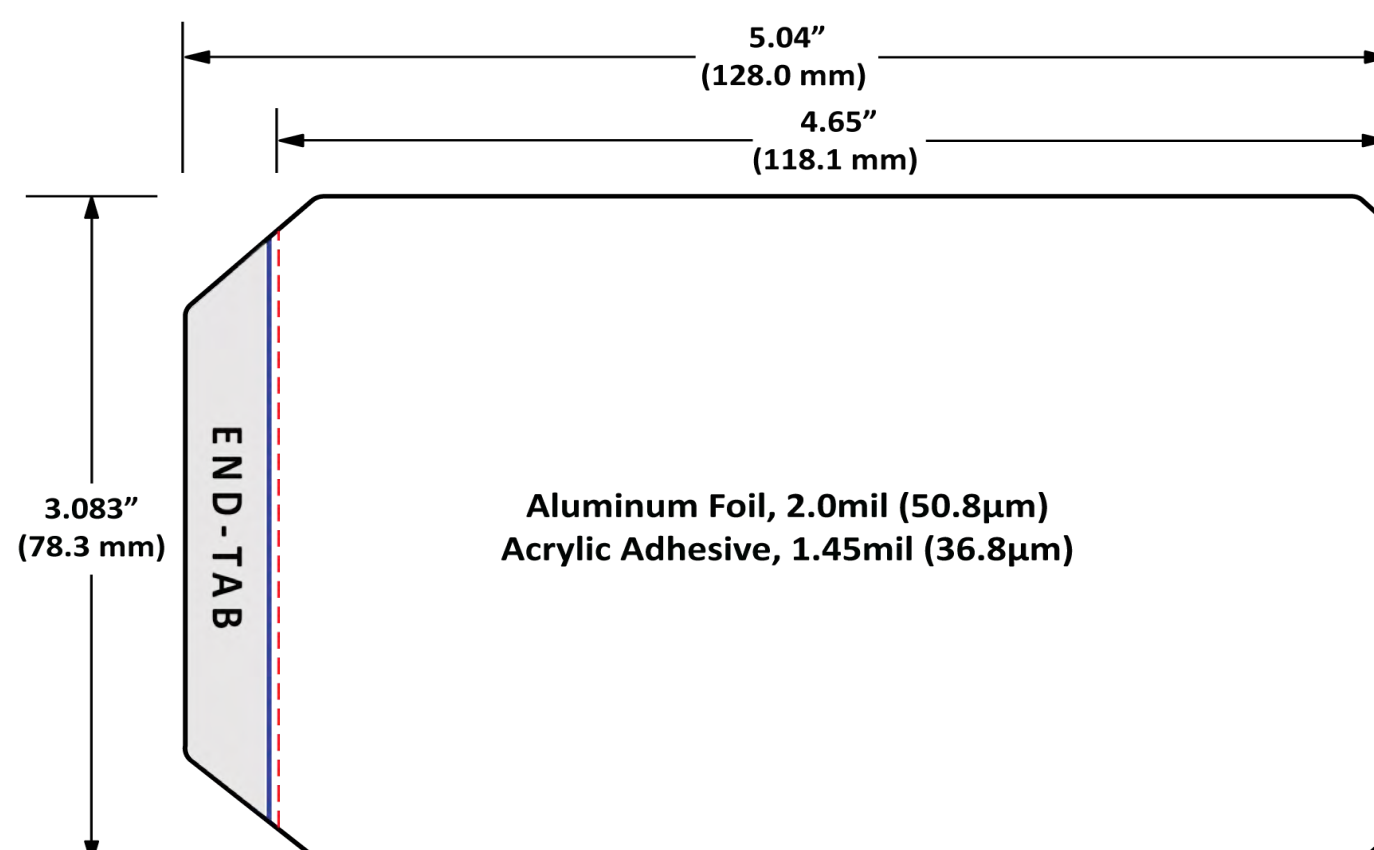
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 20A00M368 | FoilSeal | 100 |
| 20A00M369 | FoilSeal, Sterile | 50 |

FoilSeal features a specially formulated adhesive that provides an excellent seal to minimize evaporation, reduce cross-contamination and prevent spillage. Universal fit for all plate types (e.g. flat-top, raised-rim and non-skirted); the smaller dimensions and rounded corners result in no plate overhang for robotics applications.

- Certified DNase- & RNase- free
- Pierceable with a pipet tip or robotic probe for direct sample recovery
- 2.0mil aluminum foil removes easily without shredding or tearing
- The conformable nature of foil allows for the visual verification of the seal's security around each well
- Not recommended for long-term storage

*"For an equivalent product in a roll format,
link below to FoilSeal RollMate"*

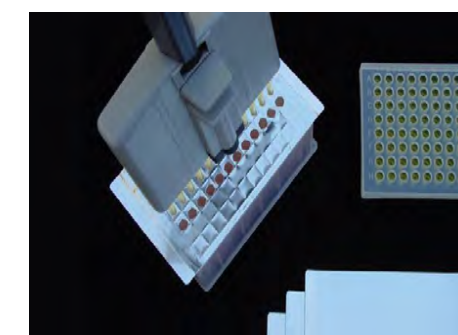


» Remove diagonally from a corner to prevent tearing

Similar Products



**FoilSeal
RollMate**



AlumaSeal II



Sealing Foils

EXCEL Scientific



EZcap™ 1x8 PCR FoilStrips™

For sealing a PCR 8-tube strip or one row of a 96-well plate

Application:

PCR and light sensitive assays

Temperature Range:

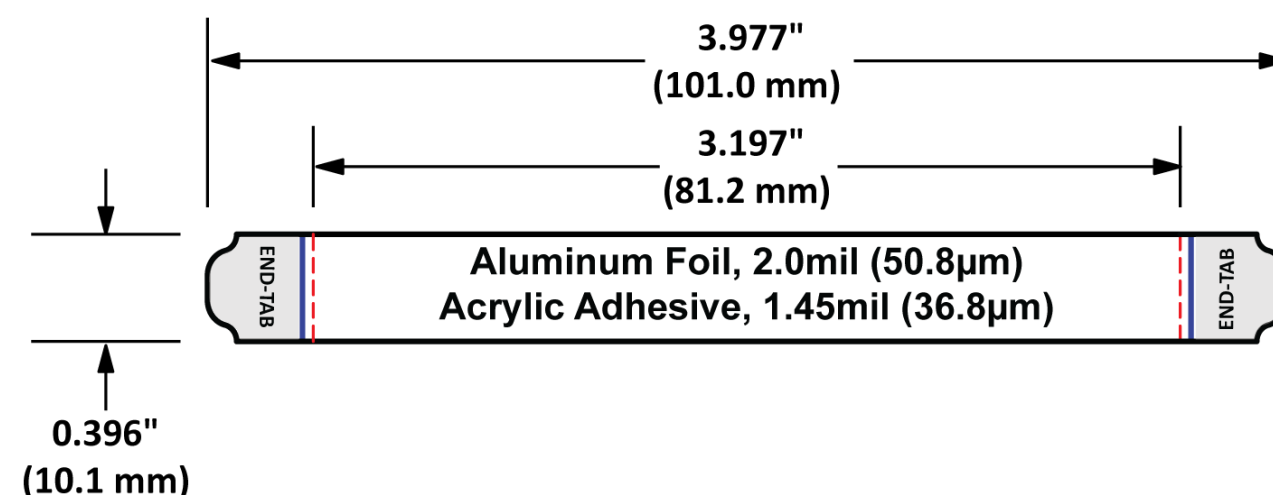
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------------------|-----------|
| 1150Q19 | EZcap 1x8 PCR FoilStrips | 300 |

An economical and more user-friendly alternative to PCR strip caps; no sore thumbs and fingers guaranteed! Precision cut to a smaller dimension for sealing one PCR 8-tube strip or a single row of a 96-well PCR or deep-well storage plate whenever rows must be selectively protected or accessed. FoilStrips remove easily with no splash back as can occur with strip-caps.

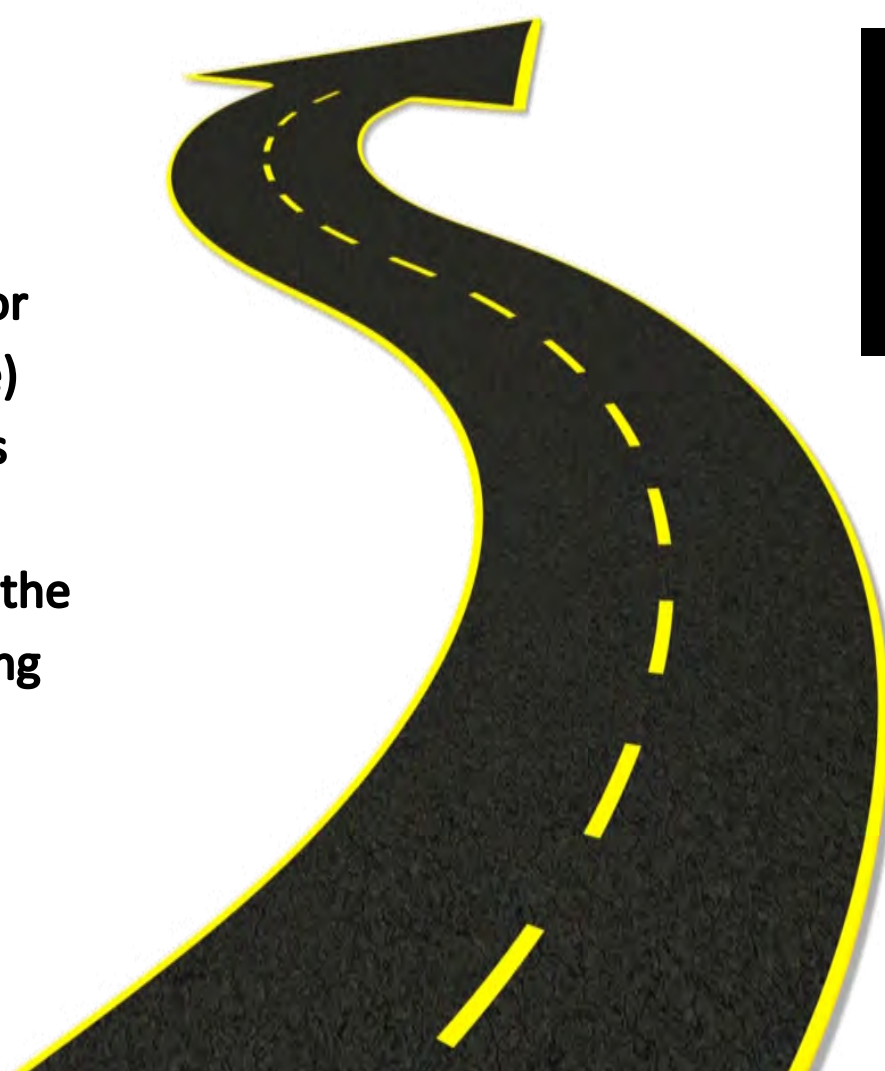
- Certified DNase- & RNase- free
- Each sheet contains 6 strips on a continuous liner for ease of use
- Pierceable with a pipet tip or robotic probe for direct sample recovery
- The conformable nature of foil allows for the visual verification of the seal's security around each well
- 2.0mil aluminum foil removes easily without tearing

*"For a full plate size version of this foil,
link below to FoilSeal"*

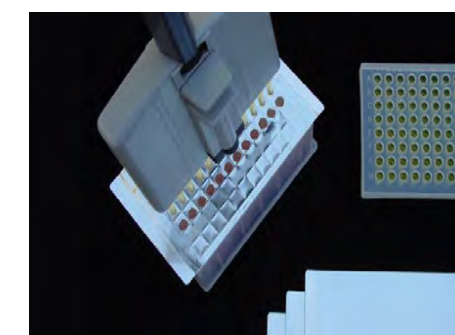


- » A non-locking workstation is recommended for sample prep (e.g. 96-well round-bottom plate)
- » Removal of the end-tabs at the perforations is recommended before cycling
- » A final sealing step is highly recommended in the thermal cycler because 8-tube strips flex during handling
- » Do not fold foil around sides of tubes

Similar Products



FoilSeal



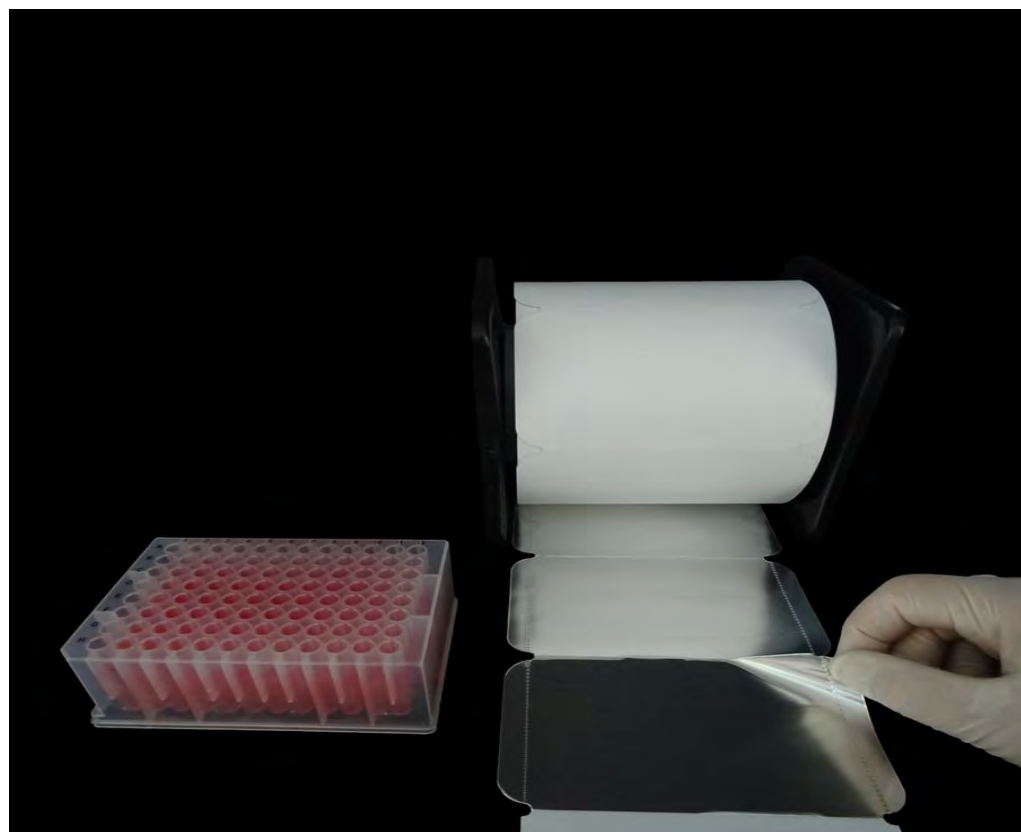
AlumaSeal II



Sealing Foils

EXCEL Scientific

Plate-Sealing



FoilSeal™ RollMate™

Pre-scored foil in an easy to use roll format

Application:

PCR, light sensitive assays, short-term storage and robotics

Temperature Range:

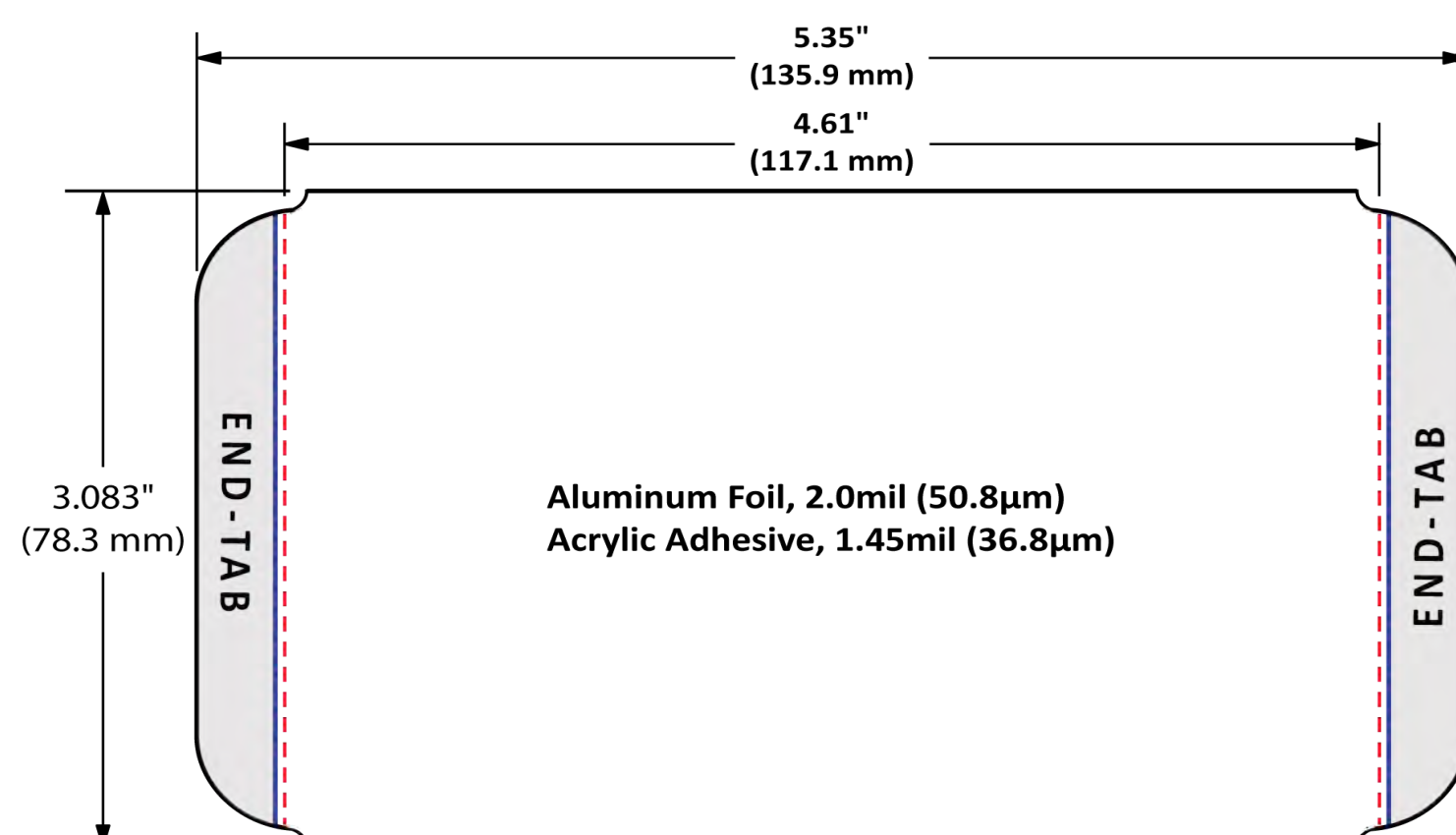
-20°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------|-----------|
| 1150Q17 | FoilSeal RollMate | 500 |

Pre-scored film on a roll is a more economical and efficient alternative to rapidly seal microplates; faster than applying single sheeted film. Self-standing, non-slip supports hold the pre-scored film roll securely in place for quick and easy bench-top dispensement. The roll unwind tension can be easily adjusted to user preference. Continuous backing liner can be torn off or fed directly into a wastebasket for disposal.

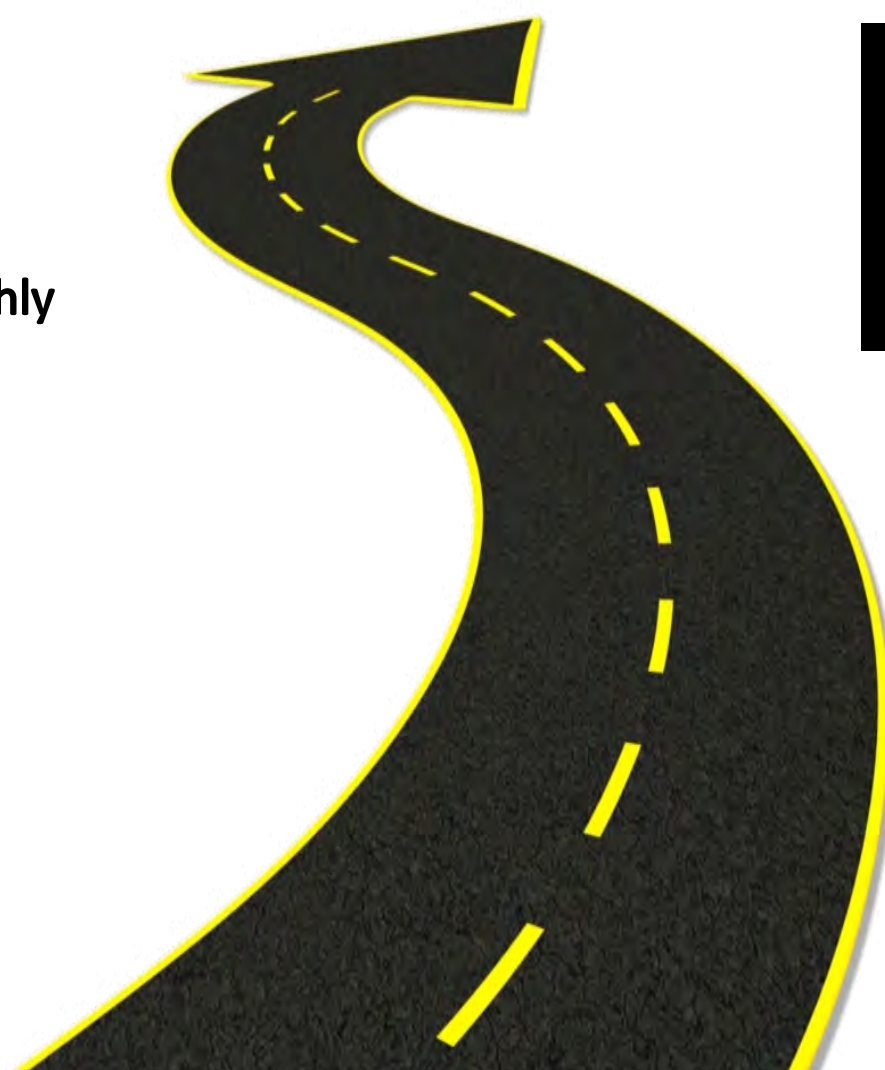
- Certified DNase- & RNase- free
- Pierceable with a pipet tip or robotic probe for direct sample recovery
- 2.0mil aluminum foil removes easily without tearing
- The conformable nature of foil allows for the visual verification of the seal's security around each well
- Not recommended for long-term cold storage

*"For an equivalent product in a sheeted format,
link below to FoilSeal"*

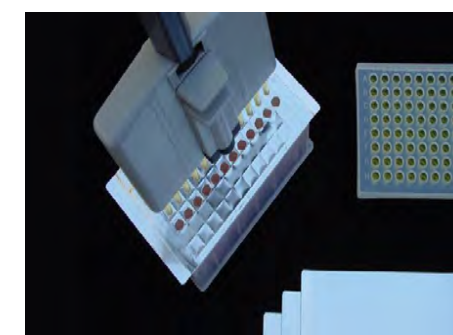


- »» End-tab removal before thermal cycling is highly recommended
- »» Remove diagonally from a corner to prevent tearing

Similar Products



FoilSeal



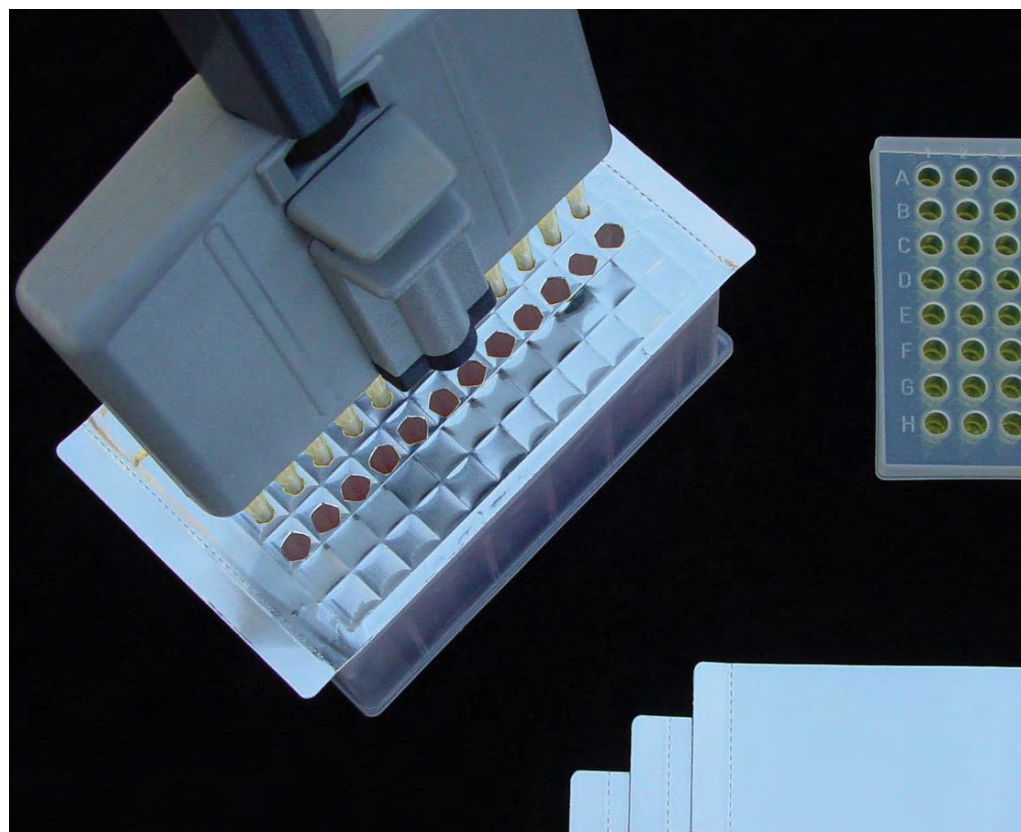
AlumaSeal II



Sealing Foils

EXCEL Scientific

Plate-Sealing



AlumaSeal® II™

Easy-to-pierce for direct sample recovery

Application:

PCR, long-term storage, light sensitive assays and robotics

Temperature Range:

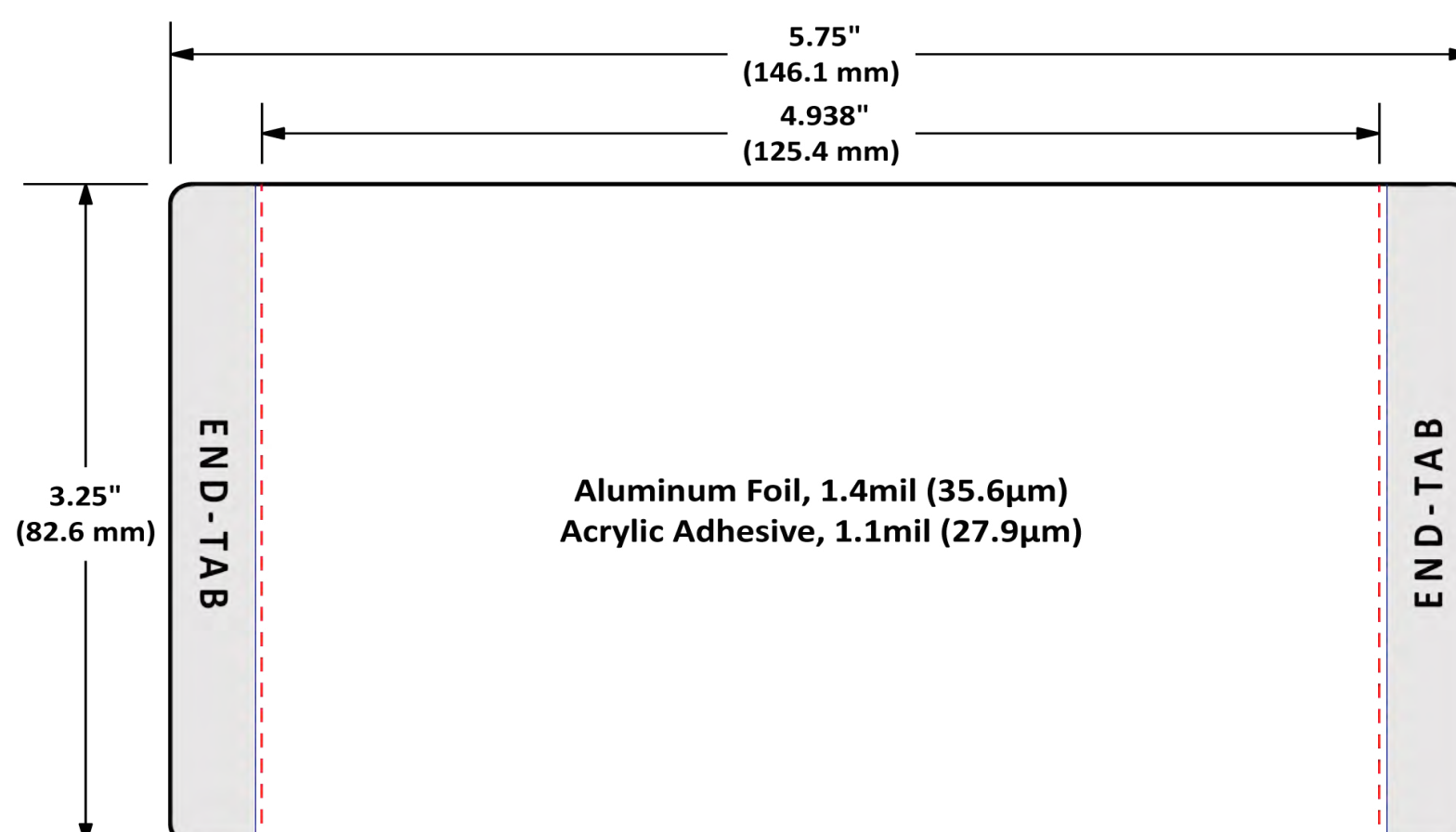
-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-----------------------|-----------|
| 6106W41 | AlumaSeal II | 100 |
| 6106W43 | AlumaSeal II, Sterile | 50 |

AlumaSeal II is a soft non-permeable aluminum foil with a strong, medical-grade acrylic adhesive. Compared to other aluminum foils, AlumaSeal II has less tendency to roll back on itself when removing the backing paper.

- Certified DNase- & RNase- free
- Excellent chemical resistance (e.g. DMSO)
- Easily pierceable with single or multichannel pipettors and robotic probes
- 1.4mil conformable aluminum foil allows visual verification of the seal's security around each well

"For a thicker 2.0mil aluminum foil to prevent tearing upon removal, link below to FoilSeal"



- » End-tab removal before thermal cycling is highly recommended
- » Remove diagonally from a corner to prevent tearing

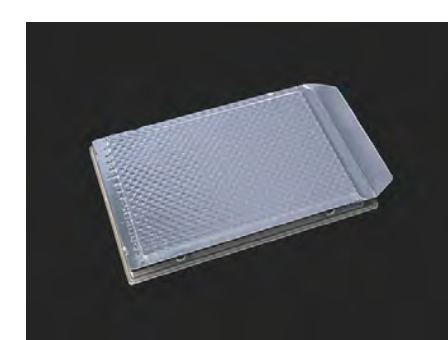
Similar Products



FoilSeal



FoilSeal RollMate



AlumaSeal 384



Sealing Foils

EXCEL Scientific



AlumaSeal® 96™

Easy-to-pierce for direct sample recovery

Application:

PCR, long-term storage, light sensitive assays and robotics

Temperature Range:

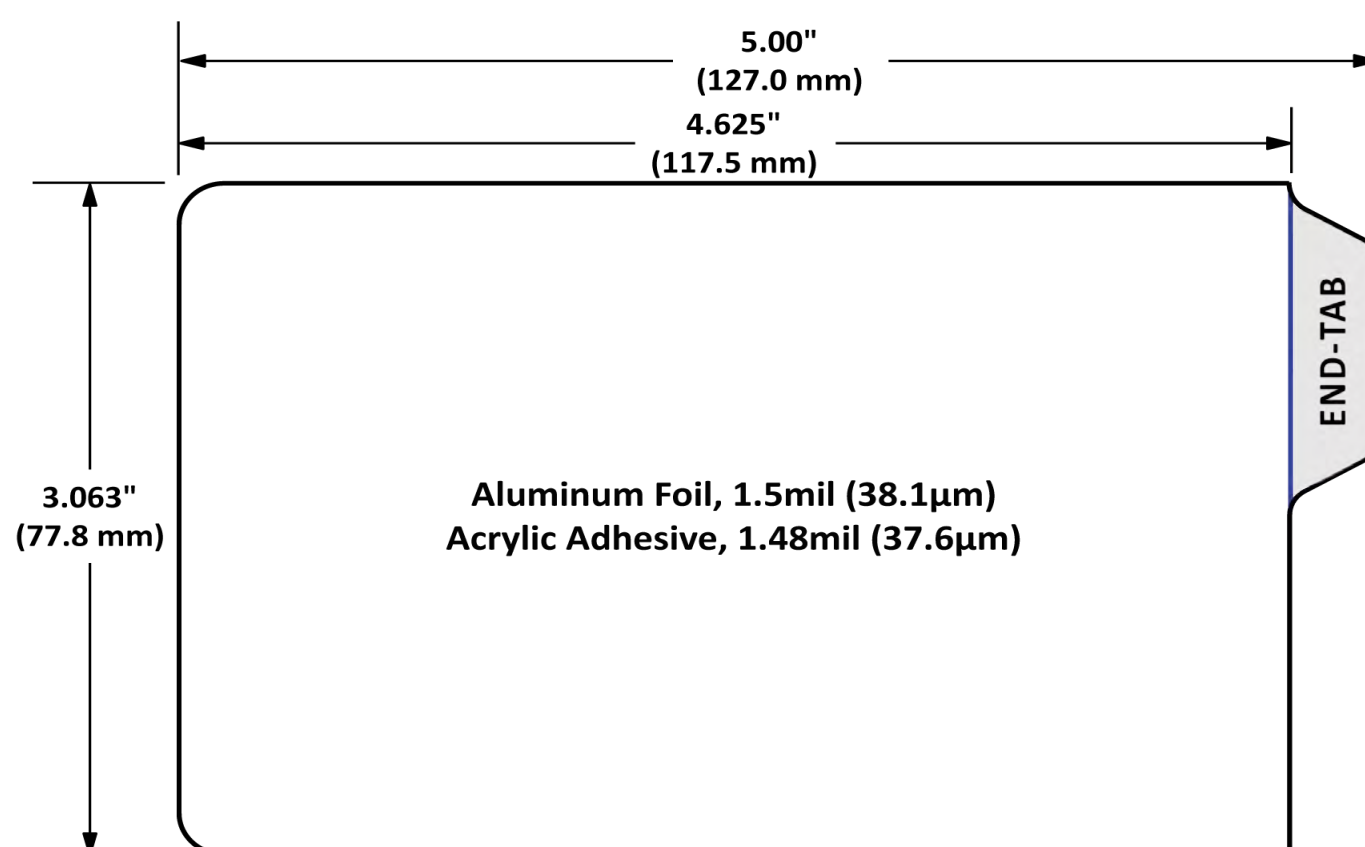
-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|--------------|-----------|
| 1232X07 | AlumaSeal 96 | 100 |

AlumaSeal 96 provides a secure seal for 96-well plates to minimize evaporation, reduce cross-contamination and prevent spillage.

- Certified DNase- and RNase- free
- Ideal for use with 96-well raised-rim and non-skirted PCR plates
- Features one partial end-tab with no perforation
- Pierceable with a pipet tip or robotic probe for direct sample recovery
- Available in a larger cut for flat-top semi-skirted and full-skirted PCR plates: AlumaSeal 384
- Available in roll format for automation: AlumaSeal Roll-Seal
- A complimentary sealing paddle is included in each box

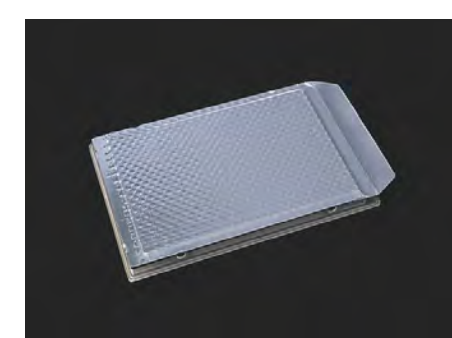
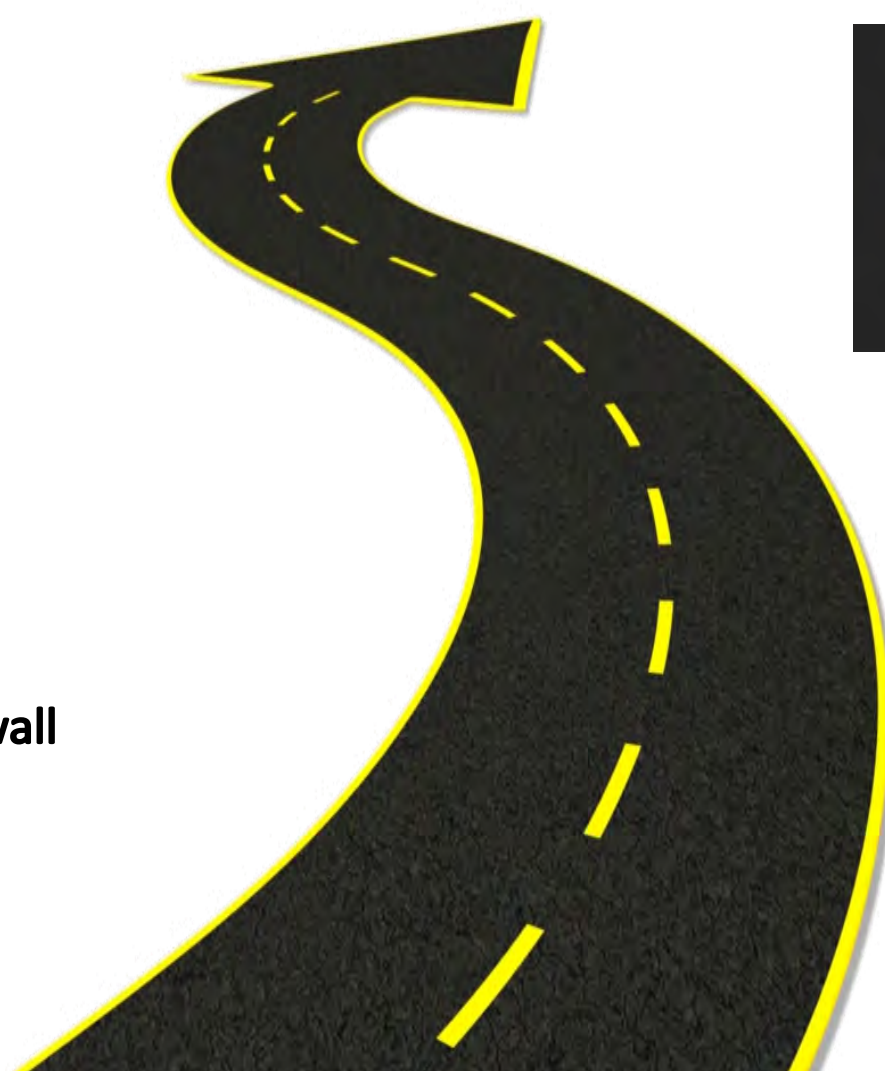
*"For sealing 384-well plates,
link below to AlumaSeal 384"*



HELPFUL TIPS

- » End-tab removal before thermal cycling is highly recommended
- » Remove diagonally from a corner to prevent tearing
- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells

Similar Products



AlumaSeal 384



AlumaSeal Roll-Seal



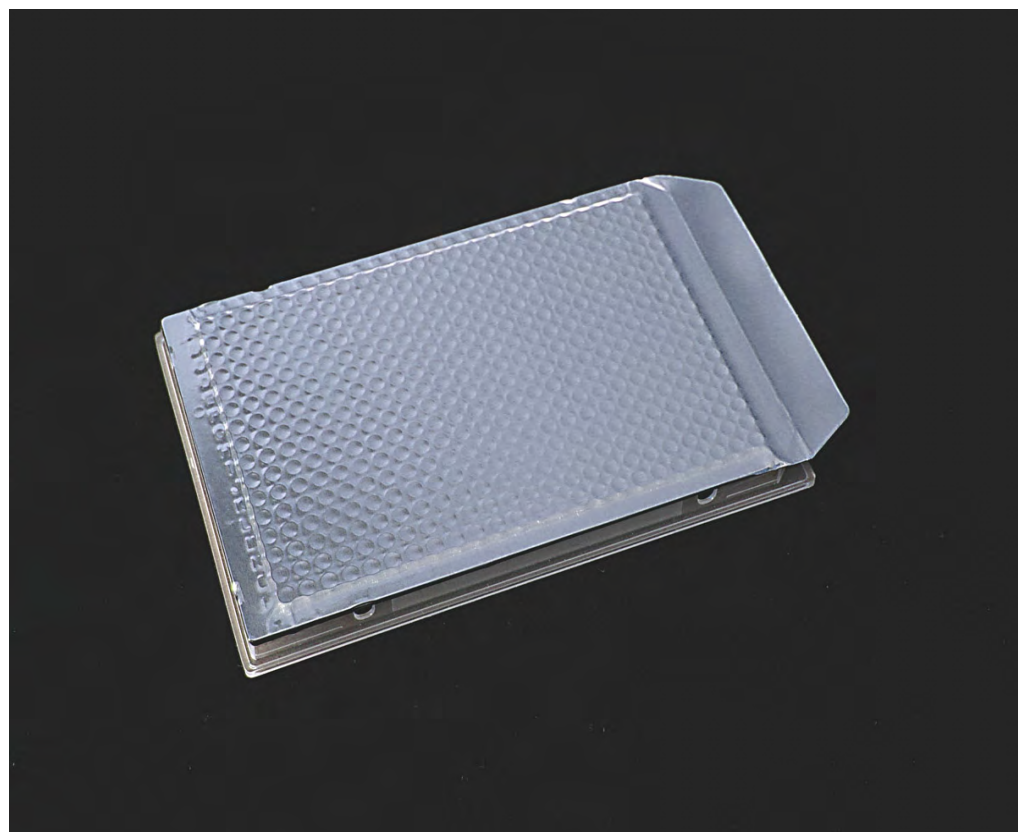
FoilSeal



Sealing Foils

EXCEL Scientific

Plate-Sealing



AlumaSeal® 384™

Easy-to-pierce for direct sample recovery

Application:

PCR, long-term storage, light sensitive assays and robotics

Temperature Range:

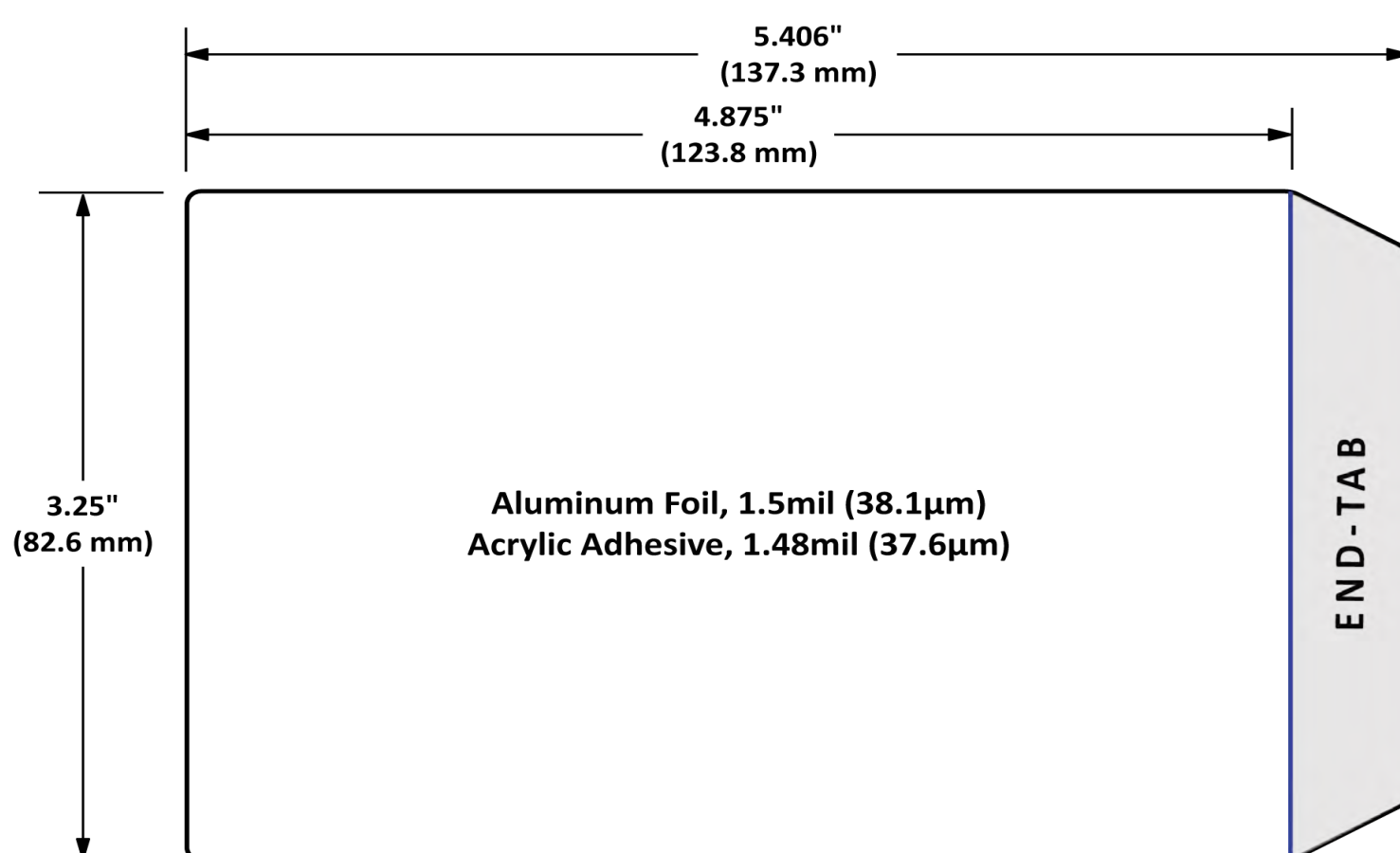
-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---------------|-----------|
| 1232X08 | AlumaSeal 384 | 100 |

AlumaSeal 384 provides a secure seal for 384-well plates to minimize evaporation, reduce cross-contamination and prevent spillage.

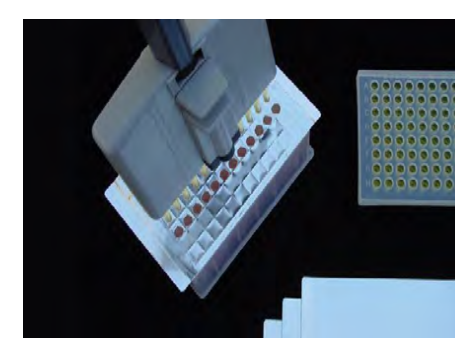
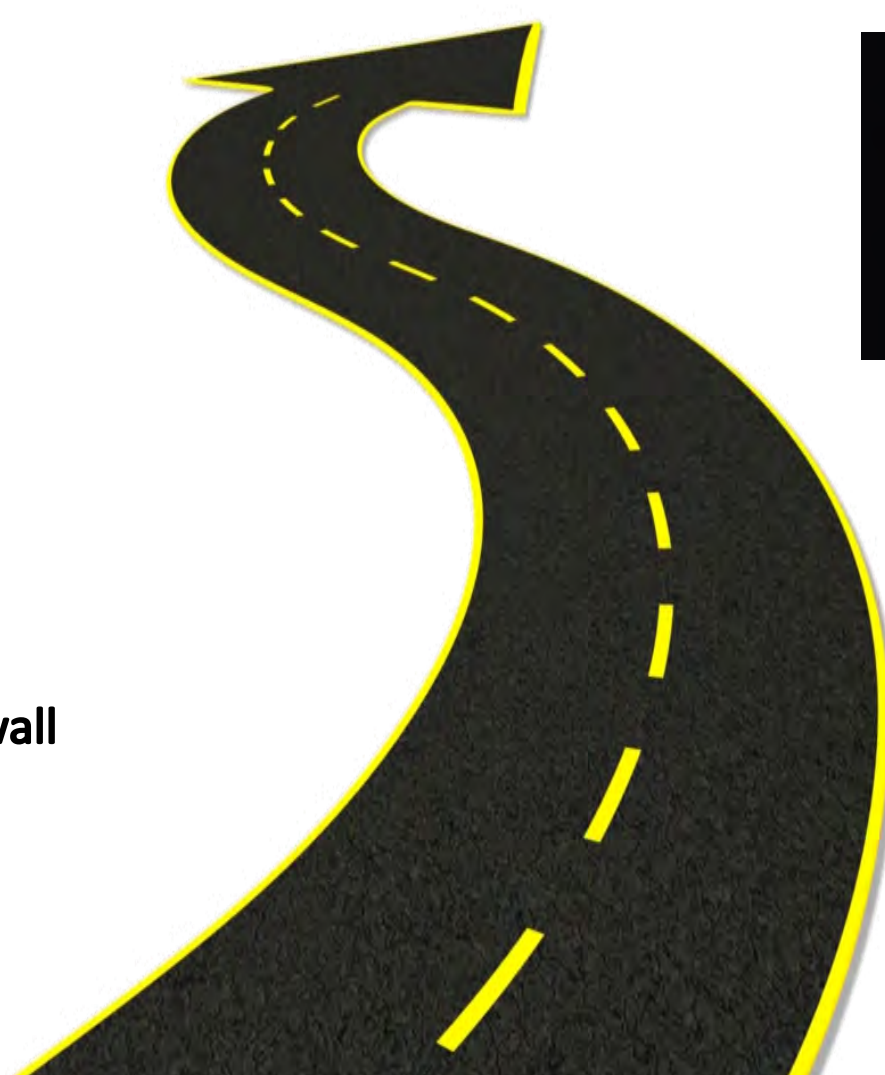
- Certified DNase- & RNase- free
- Ideal for use with 384-well and deep-well plates
- Features one end-tab with no perforation
- Pierceable with a pipet tip or robotic probe for direct sample recovery
- Large cut allows for easier positioning of the foil to the plate via edge of plate alignment vs. centering
- Available in a smaller cut for raised-rim and non-skirted PCR plates: AlumaSeal 96
- Available in roll format for automation: AlumaSeal Roll-Seal

*"For chemical resistance,
link below to AlumaSeal II"*



- » End-tab removal before thermal cycling is highly recommended
- » Remove diagonally from a corner to prevent tearing
- » Selection of the proper film size will minimize evaporation
- » The film should not overhang or ride up the wall of a raised-rim plate
- » More complete coverage of skirted flat-top plates will reduce evaporation in the outer wells

Similar Products



AlumaSeal II



AlumaSeal Roll-Seal



AlumaSeal 96



Sealing Foils

EXCEL Scientific

Plate-Sealing



eXTReme™ FoilSeal™

For high performance under extreme conditions

Application:

Long-term storage, light sensitive assays and robotics

Temperature Range:

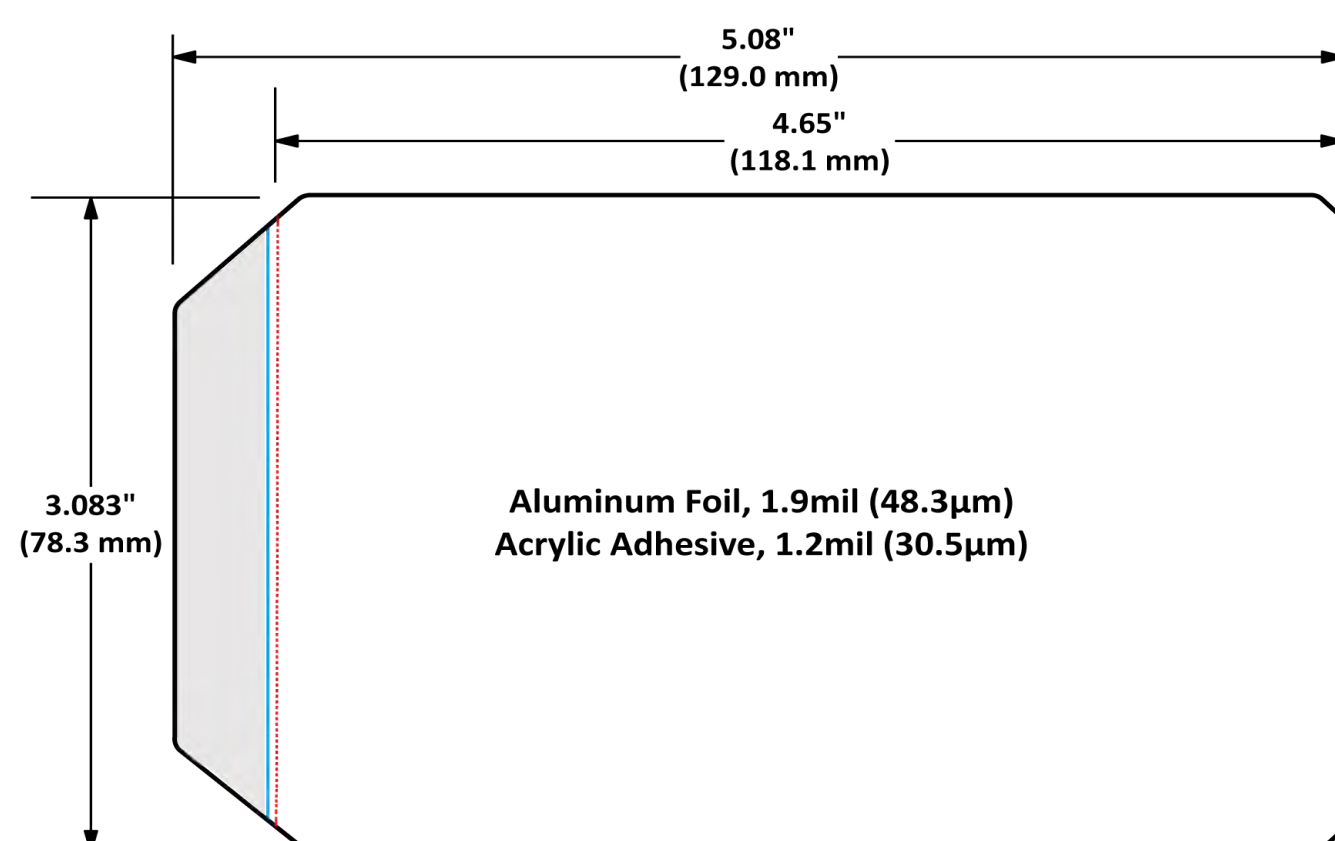
-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|------------------|-----------|
| 1180W00 | eXTReme FoilSeal | 100 |

eXTReme FoilSeal is an aluminum foil seal that offers excellent chemical resistance and superior performance in ultra-low temperatures. The smaller dimensions and chamfered corners result in no plate overhang for robotics applications; universal fit for use with all plate types (e.g. raised-rim and non-skirted).

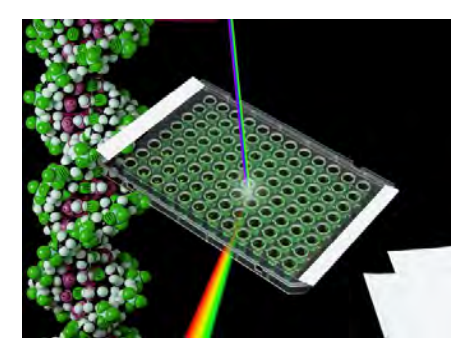
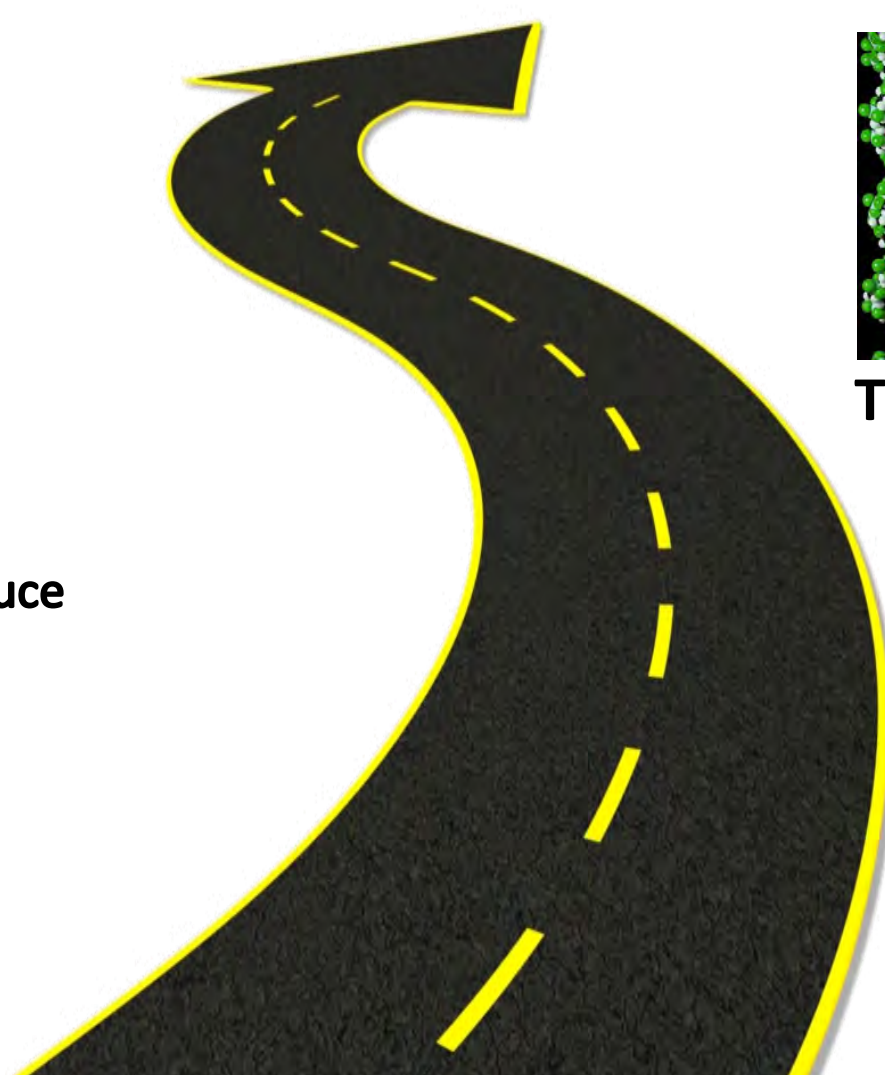
- Certified DNase- & RNase- free
- Recommended for -80°C long-term storage
- Excellent chemical resistance (e.g. DMSO)
- Specially formulated adhesive provides an excellent seal to minimize evaporation and well-to-well contamination
- 1.9mil thick aluminum foil removes easily without tearing and allows for visual verification of the seal's security around each well
- Pierceable with a pipet tip for direct sample recovery
- Available in a larger cut for greater plate coverage: eXTReme FoilSeal, Large
- Not recommended for PCR

*"For a chemically resistant cold storage film,
link below to ThermalSeal RTS"*

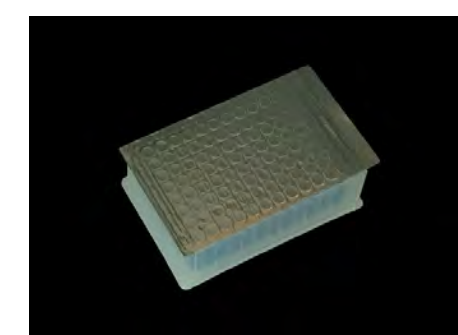


- » Remove diagonally from a corner to prevent tearing
- » Selection of the proper film size will minimize evaporation
- » More complete coverage of the plate will reduce evaporation in the outer wells

Similar Products



ThermalSeal RTS



eXTReme FoilSeal,
Large



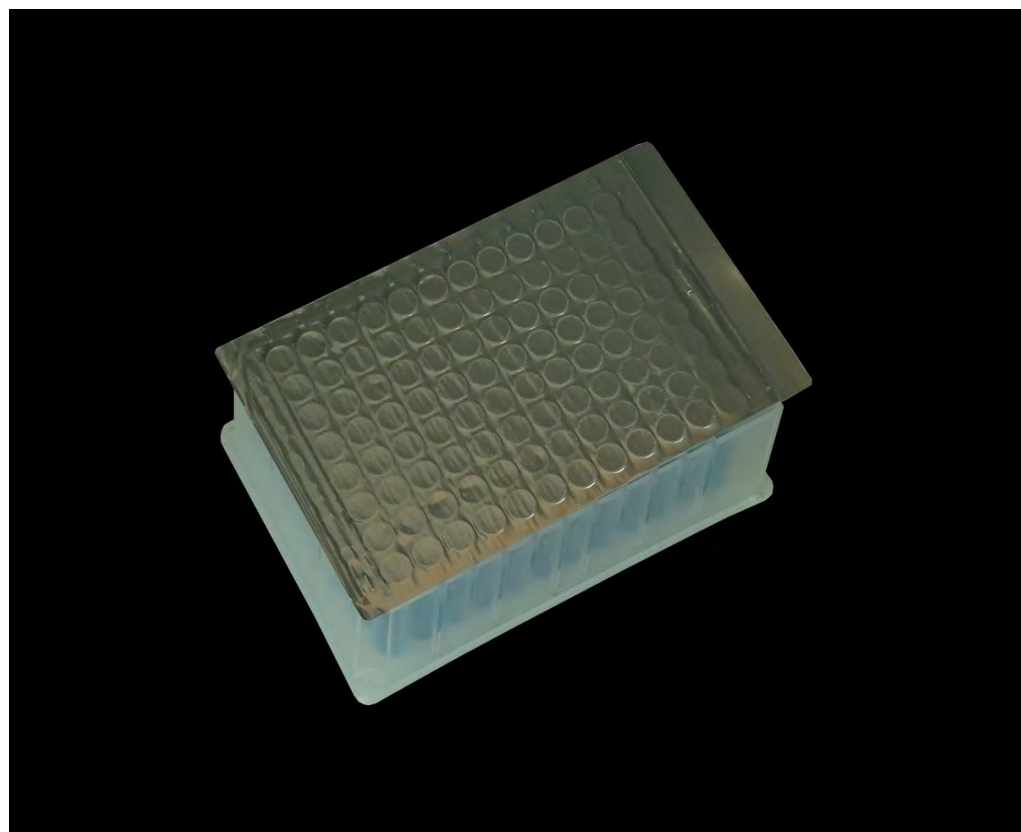
AlumaSeal II



Sealing Foils

EXCEL Scientific

Plate-Sealing



eXTReme™ FoilSeal™, Large

For high performance under extreme conditions

Application:

Long-term storage and light sensitive assays

Temperature Range:

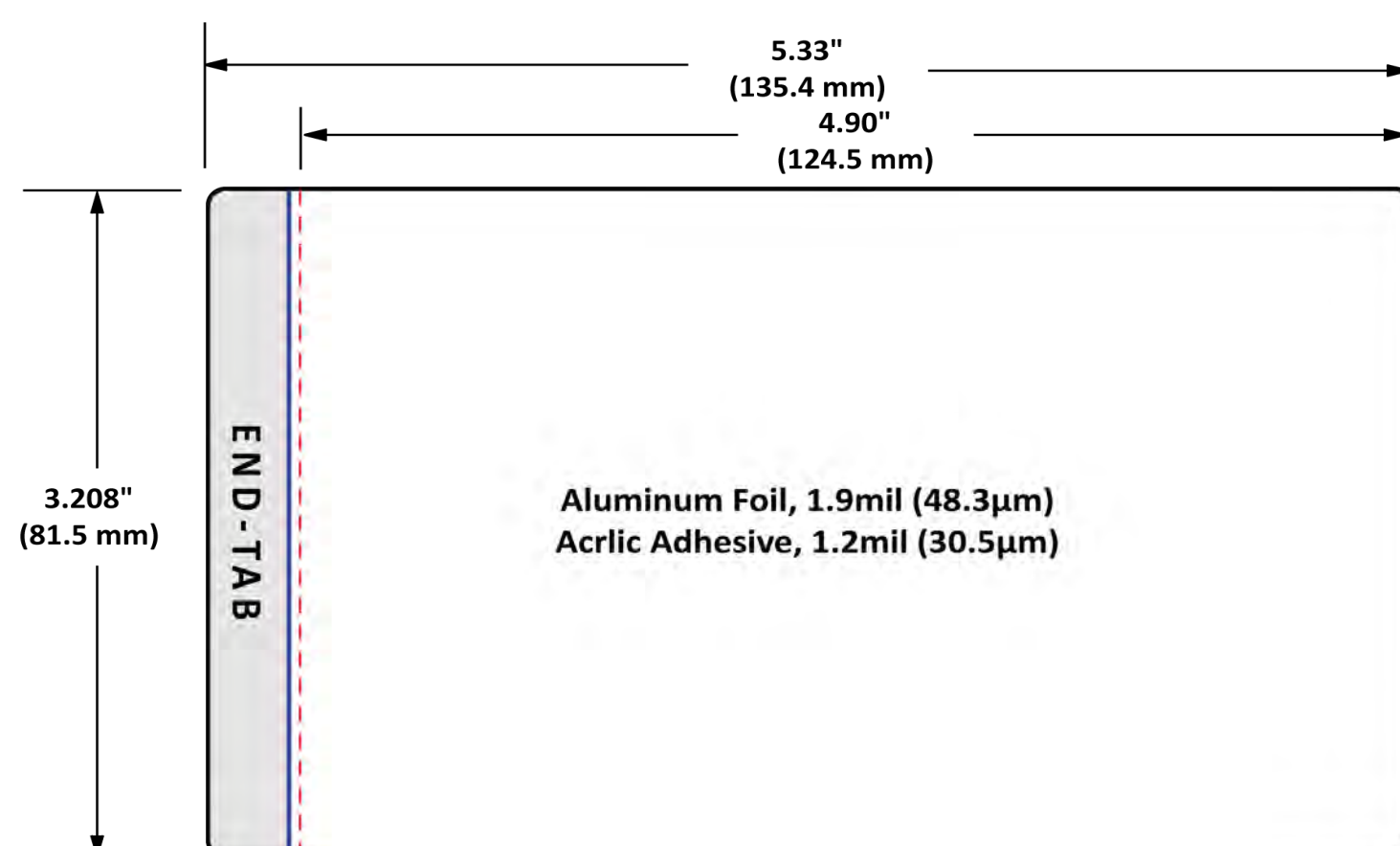
-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|-------------------------|-----------|
| 20A00M367 | eXTReme FoilSeal, Large | 100 |

eXTReme FoilSeal is an aluminum foil seal that offers excellent chemical resistance and superior performance in ultra-low temperatures. The large cut is designed for greater plate coverage, resulting in a more complete seal around the edges of flat-top plates. Ideal for use with deep-well plates.

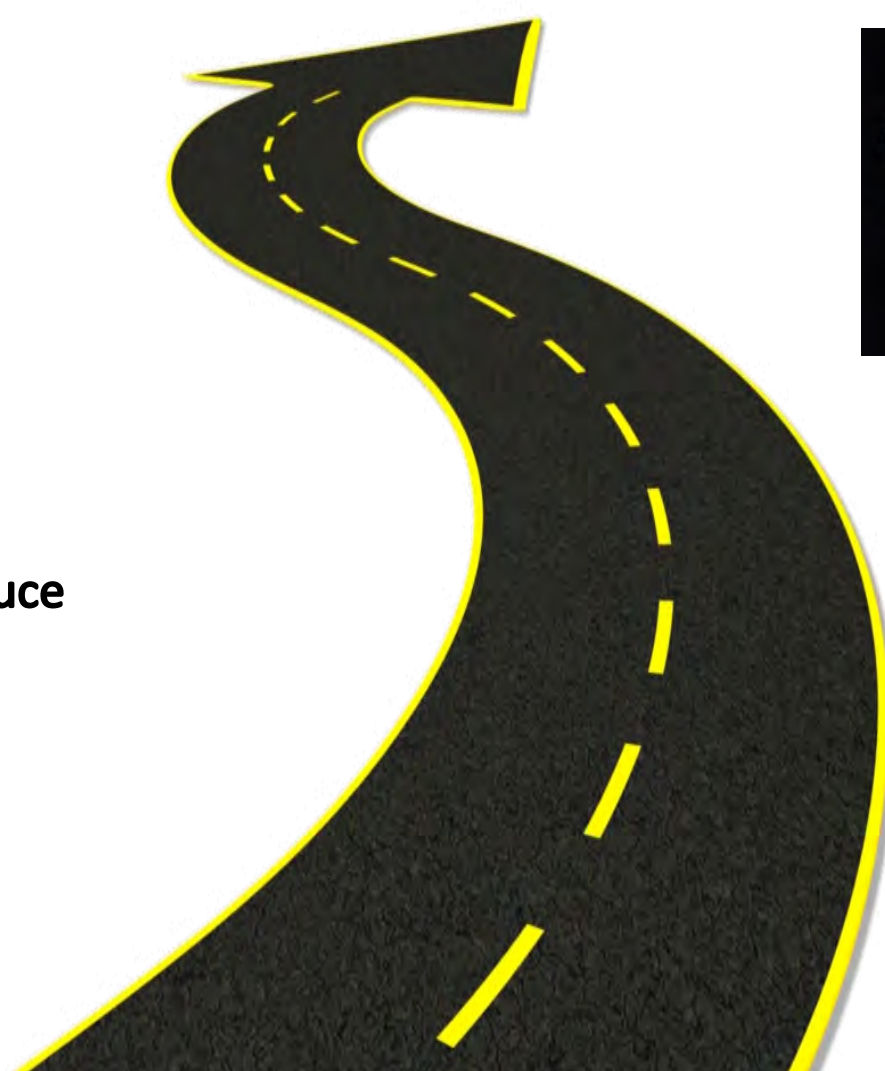
- Certified DNase- & RNase- free
- Recommended for -80°C long-term storage
- Excellent chemical resistance (e.g. DMSO)
- Large cut allows for easier positioning of the foil to the plate via edge of plate alignment vs. centering
- 1.9mil thick aluminum foil removes easily without tearing, and allows for visual verification of the seal's security around each well
- Specially formulated adhesive provides an excellent seal to minimize evaporation and well-to-well contamination
- Available in a smaller cut for robotics handling and tight storage conditions: eXTReme FoilSeal
- Not recommended for PCR

"For a thinner, easier to pierce cold storage foil, link below to AlumaSeal II"



- » Remove diagonally from a corner to prevent tearing
- » Selection of the proper film size will minimize evaporation
- » More complete coverage of the plate will reduce evaporation in the outer wells

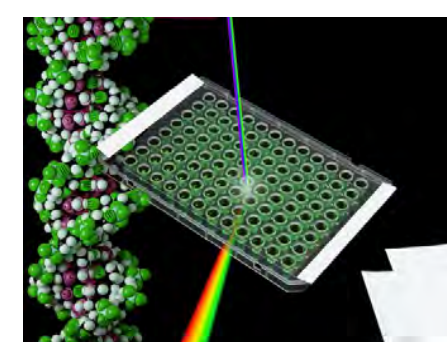
Similar Products



AlumaSeal II



eXTReme FoilSeal



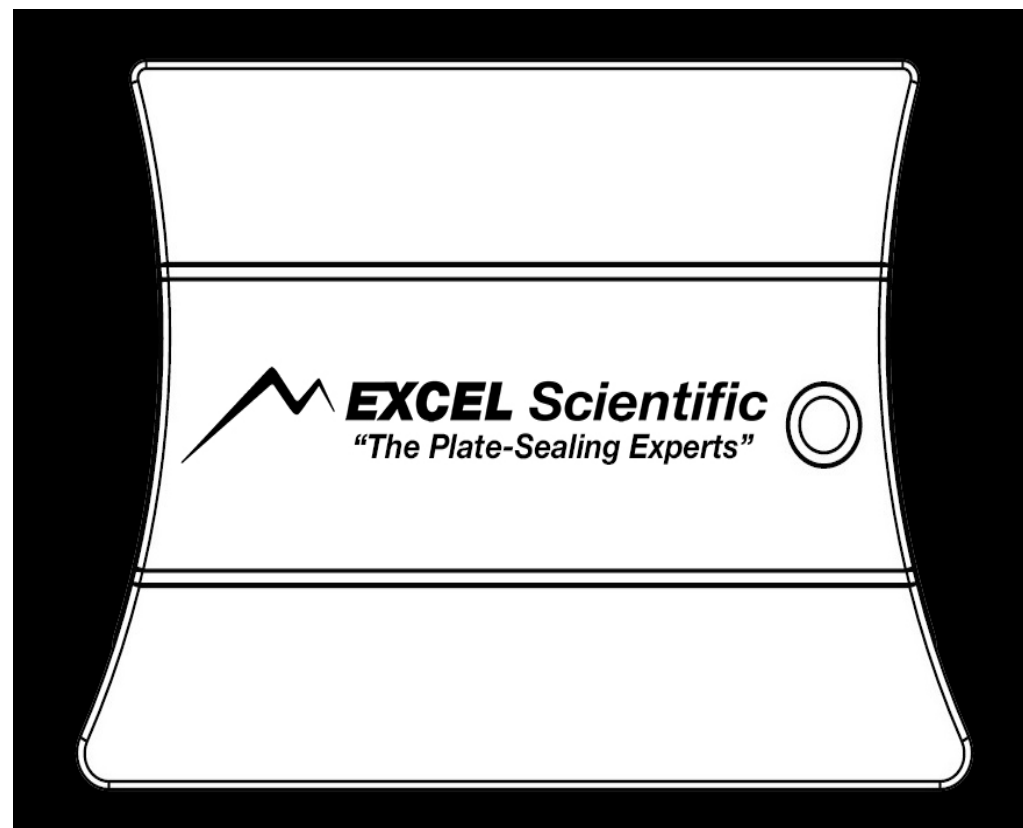
ThermalSeal RTS



Sealing Accessories

EXCEL Scientific

Plate-Sealing



Multi-Swipe™ Plate-Sealing Paddles

For sealing flat-top and raised-rim plates

Application:

Plate-sealing

Material:

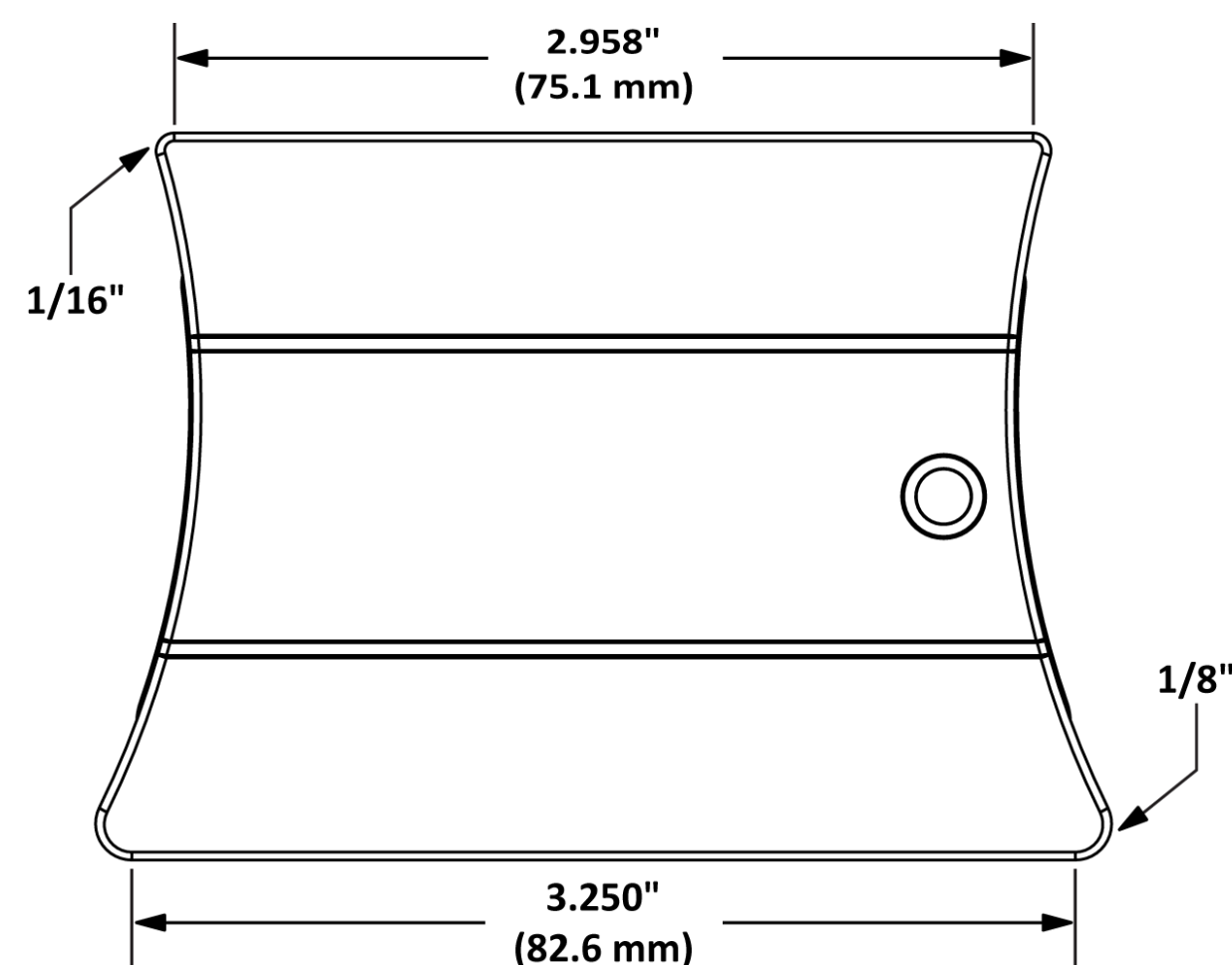
Polyethylene

| Catalog # | Description: | Quantity: |
|-----------|--------------------|-----------|
| 1203H89 | Paddle, 1 bag of 5 | 5 |

The Multi-Swipe plate-sealing paddle ensures a secure and uniform, pressure-sensitive seal around all wells and is an economical alternative to plate rollers. Plate-sealing paddles are designed for use with all plate types.

- Reusable, recyclable
- The semi-soft, pliable sealing surfaces prevent the film/foil from being torn or ripped
- The non-flat contoured side is designed to go down to the plate; the center raised textured surface provides a non-slip finger hold
- Features two sealing surfaces: the shorter length fits inside the walls of raised-rim plates; the longer length is ideal for flat-top and deep-well plates
- Features two unique sized corner radii: 1/8" and 1/16" to seal around the plate perimeter; the tighter radii is for use with raised-rim PCR plates

*"For more plate-sealing options,
link below to the Plate-Sealing Roller"*



- » The printed side is used to seal the film to the plate
- » Multiple swipes of the sealing paddle in both directions is highly recommended
- » A 10 minute or greater dwell time at room temperature before processing increases the film-to-plate bond

Similar Products



**Plate-Sealing
Roller**



Sealing Accessories



Plate-Sealing Roller

For sealing flat-top plates

Application:

Plate-sealing

Material:

Rubber, metal

| Catalog # | Description: | Quantity: |
|-----------|------------------------|-----------|
| 6980A60 | Roller, 4" Soft Rubber | 1 |

The plate-sealing roller features a smooth spinning, thermoplastic elastomer sealing surface with a durable plated metal handle.

- Reusable, autoclavable
- Provides a large 4" wide sealing surface

*"For sealing both flat-top and raised-rim plates,
link below to the Multi-Swipe Plate-Sealing Paddle"*



- » A 10 minute or greater dwell time at room temperature before processing increases the film-to-plate bond

Similar Products

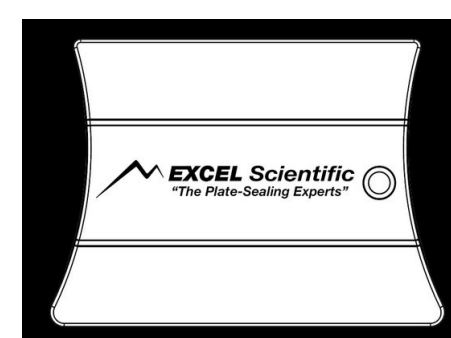


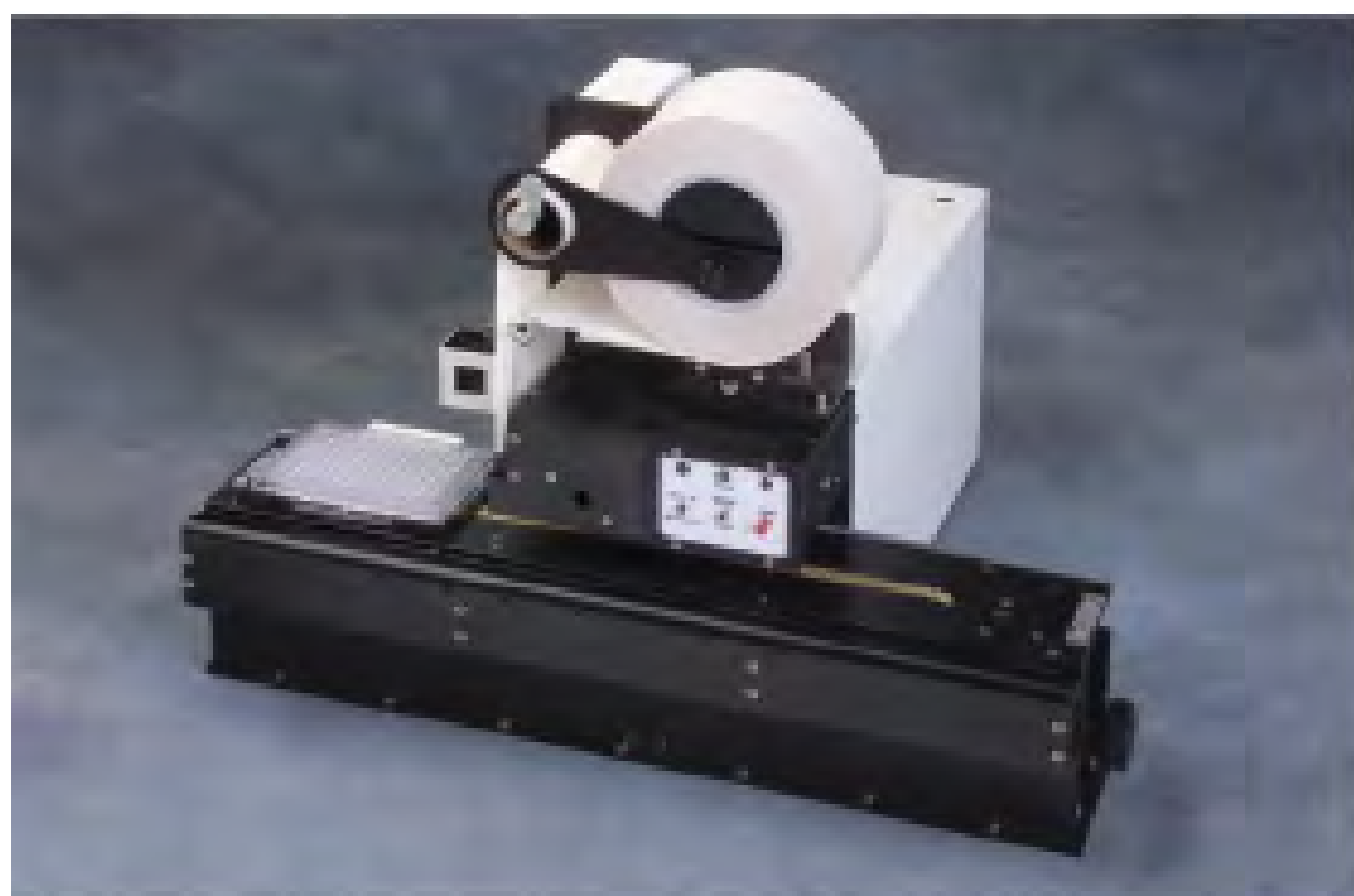
Plate-Sealing Paddle

Adhesive Sealing Films in Roll-Seal™ Format for Automation

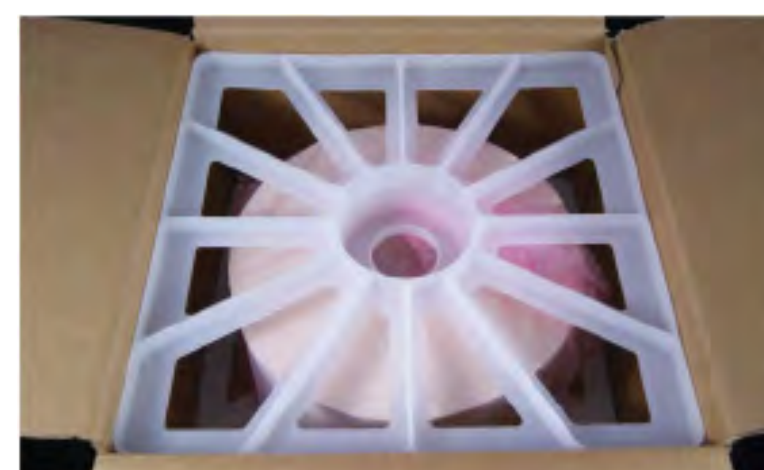


Adhesive Roll-Seal™ films and foils are ideal for use with high-throughput automated microplate sealers (e.g. Brandel, Thermo-Fisher/ Abgene, FluidX, KBiosystems). The Roll-Seal format provides reliable and efficient sealing at a lower cost per plate with minimal user intervention.

- Fast, efficient, high-throughput sealing; 2.5 to 5.0 seconds per plate. Individual sheet handling and backing liner removal is eliminated through automation.
- Hands-free sealing minimizes the risk of contamination.
- Plates are sealed mechanically with consistent pressure and precise film positioning.
- Adhesive based films require pressure rather than heat, which can damage sensitive samples or cause robotic handling issues such as plate warpage
- Rolls are splice free.
- 3" plastic cores are used to prevent corrugate contaminants.
- Static-free manufacturing and packaging facilitates accurate plate alignment and minimizes the attraction of particulates during processing.
- Plastic pogs are used for shipment to prevent roll telescoping and in-transit damage.



Static-free bags



In-transit protection



Sealing Rolls

EXCEL Scientific



Learn more about [ThermalSeal RTS](#)

ThermalSeal® RTS™ Roll-Seal™

Features a pressure-activated, non-tacky, silicone adhesive

Application:

qPCR, long-term storage, protein crystallography & HPLC

Temperature Range:

-80°C to +105°C

| Catalog # | Description: | Quantity: |
|-----------|---|-----------|
| 1222K62 | Roll-Seal, ThermalSeal RTS 79 mm wide x 65 meters long; seals approximately 540 microplates. | 1 Roll |



Learn more about [AlumaSeal](#)

AlumaSeal® Roll-Seal™

Easy-to-pierce for direct sample recovery

Application:

PCR, long-term storage, light sensitive assays and robotics

Temperature Range:

-80°C to +120°C

| Catalog # | Description: | Quantity: |
|-----------|---|-----------|
| 1222K61 | Roll-Seal, AlumaSeal Foil 80 mm wide x 100 meters long; seals approximately 830 microplates. | 1 Roll |



Learn more about [AeraSeal](#)

AeraSeal™ Roll-Seal™

Designed to facilitate air and CO₂ exchange

Application:

Cell, tissue and bacterial cultures

Temperature Range:

-20°C to +80°C

| Catalog # | Description: | Quantity: |
|-----------|---|-----------|
| 1222K60 | Roll-Seal, AeraSeal 81 mm wide x 100 meters long; seals approximately 830 microplates. | 1 Roll |

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