

**New!**

## Adhesive Sealing Films in Roll-Seal™ Format for Automation



- made in USA
- fast, efficient, high-throughput sealing; 2.5-5 seconds/plate; no handling and backing removal from individual sheets
- hands-free; reduces chance of mishap or contamination; more uniform sealing from plate-to-plate
- heat-free; no high temperatures to damage sensitive samples or warp plates and cause robotic handling problems
- especially convenient when working with foils; avoids curling that occurs with individual sheets
- economical; lower cost per plate than individual sheet seals or heat-seal films
- easier peel for removal compared to many heat-seal films
- high-precision dispensing with automated sealers; consistent positioning on plates
- compatible with most current adhesive SBS plate sealers
- static-free manufacturing and packaging facilitates alignment and adhesion
- protective packaging prevents damage during shipping
- plastic cores eliminate corrugate fiber dust

**DISTRIBUTED BY:****MANUFACTURED BY:** **EXCEL Scientific, Inc.****“The Plate-Sealing and Reagent-Handling Experts”**

18350 George Blvd.  
Victorville, CA 92394 USA

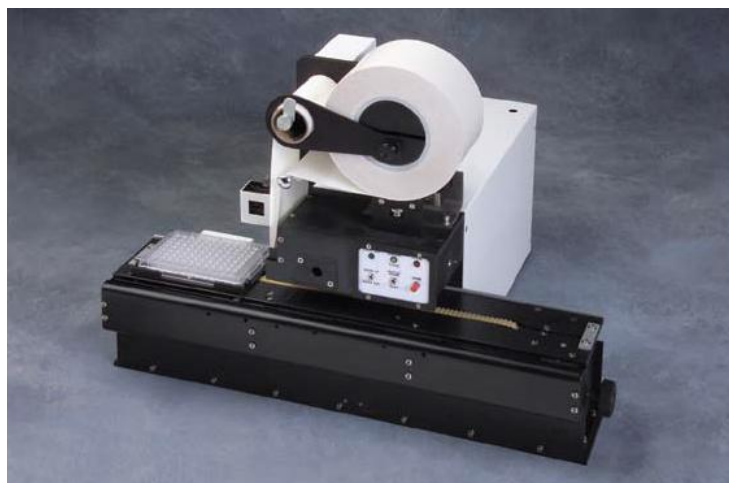
Tel: (760) 246-4545  
Fax: (760) 246-5588

Email: [info@excelscientific.com](mailto:info@excelscientific.com)  
Website: [www.excelscientific.com](http://www.excelscientific.com)

Excel Scientific now offers adhesive sealing films on Roll-Seal™ rolls for use with high-throughput automated microplate sealers. Film rolls, constructed on three-inch-diameter plastic cores, are compatible with most common adhesive sealers (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. Robust static-free packaging provides protection during shipment and facilitates accurate alignment and adhesion.

Roll-Seal adhesive seals are currently available in three sealing materials:

- ThermalSeal RTS™ high-vapor-barrier, clear polyolefin with ultra-strong pressure-sensitive silicone adhesive for qPCR, sitting-drop protein crystallization, HTS, storage and general incubation applications
- AlumaSeal® pierceable aluminum foil with pressure-sensitive acrylic adhesive for PCR, HTS and cold storage
- AeraSeal™ breathable rayon films for cell and tissue culture



## Robust Static-Free Packaging for Protection and Ease-of-Use



In-transit protection



Static-free bags

### ThermalSeal® Film in Roll-Seal™ Format

ThermalSeal RTS™ film is based on 50 µm polyolefin films with 50 µm inert silicone adhesive. It is optically clear with low autofluorescence. The adhesive is non-tacky until pressed on the plate to form the strongest available heat-resistant seal around each well. Adhesive over sample wells remains non-tacky and inert. Temperature range: -70 °C to +100 °C. One roll seals up to 540 microplates.

- DMSO resistant
- nuclease-, nucleic acid-, and pyrogen-free
- recommended for real-time PCR, sitting-drop protein crystallization, HTS and storage
- provides as strong a bond to the plate as heat-seal films without the drawbacks of heat

<i>Catalog No.</i>	<i>Description</i>
RRTS-79x65	ThermalSeal RTS Film, 1 Roll, 79 mm wide x 65 meters long, <b>Non-Sterile</b>

### AlumaSeal® Foil in Roll-Seal Format

Pierceable AlumaSeal foil is 38 µm thick with a 38 µm layer of acrylic adhesive. Aluminum foil has excellent barrier properties and is most effective for retarding evaporation. Temperature range: -80 °C to +120 °C. One roll seals up to 830 microplates.

- DMSO resistant
- easily pierceable for sample recovery
- nuclease-, nucleic acid-, and pyrogen-free
- recommended for PCR, HTS, and cold storage

<i>Catalog No.</i>	<i>Description</i>
RF-80x100	AlumaSeal Foil, 1 Roll, 80 mm wide x 100 meters long, <b>Non-Sterile</b>

### AeraSeal™ Film in Roll-Seal Format

A 114 µm hydrophobic porous rayon film with medical-grade adhesive for tissue culture plates, bio-blocks, and 96-well plates where gas exchange is necessary for cell or bacterial growth. AeraSeal films minimize evaporation, cross-contamination, and spillage. They allow uniform air and CO<sub>2</sub> exchange for all wells. Temperature range: -20 °C to +80 °C. One roll seals up to 830 microplates.

- non-cytotoxic, highly gas permeable
- easily pierceable for sample recovery

<i>Catalog No.</i>	<i>Description</i>
RB-81x100	AeraSeal Film, 1 Roll, 81 mm wide x 100 meters long, <b>Non-Sterile</b>

"ThermalSeal" and "AlumaSeal" are registered trademarks. "ThermalSeal RTS", "AeraSeal" and "Roll-Seal" are trademarks of Excel Scientific, Inc. Copyright © 2010. Excel Scientific, Inc. All rights reserved. Prices and specifications subject to change without notice.