

**New!**

## SealMate™ System for Adhesive Microplate-Sealing Films

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

It's easy!

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



Handy dispenser protects unused seals.

- convenient, easy film application for microplates
- three times faster than sheet films
- inexpensive applicator
- reduced waste; no protective backing to remove and discard
- smooth lower surface for pressing film to the plate
- available sterile and non-sterile
- seals color coded for identification:  
green = SealPlate®; red = AeraSeal™

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

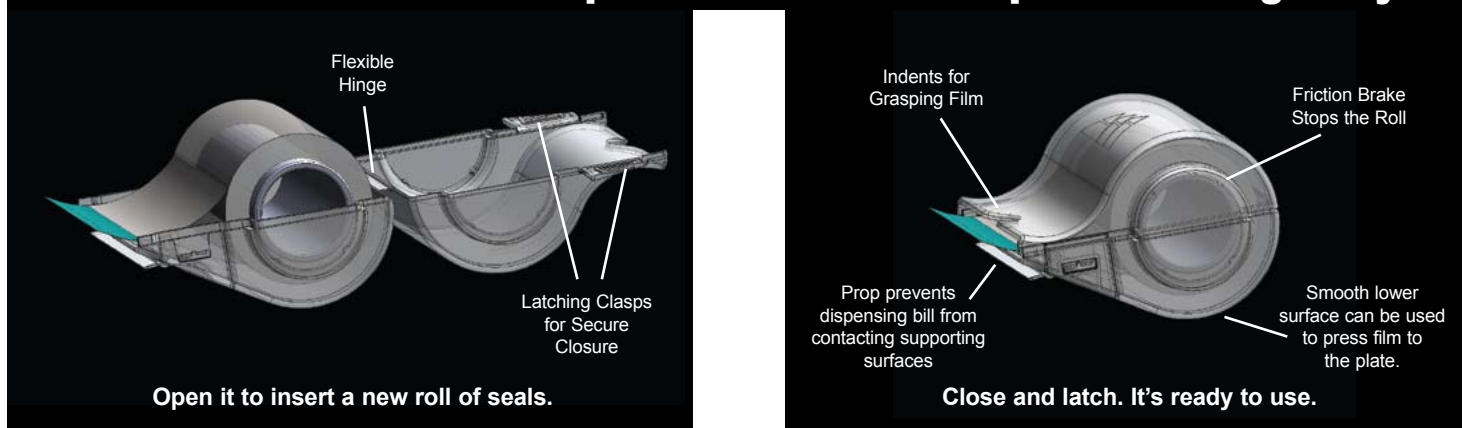
U.S. and foreign patents pending.

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The SealMate dispenser provides a protective enclosure for films on the roll prior to dispensing. It can be opened, permitting insertion of a new roll, then closed and latched securely by means of clasps at each side of its film-dispensing "bill." Individual films on the roll are delineated by non-adhesive color bands that serve as end-tabs for positioning the films on the microplates. The bands also act as markers to show when the end of one film has been reached so that the next film is not pulled prematurely from the dispenser. Each non-adhesive band contains two perforations, the first of which, bounded by a small indent at the edges, tears easily to separate the sheet being dispensed from the next sheet on the roll. The second perforation permits the end-tab to be removed from the plate once the film has been applied.

Several unique features contribute to ease and usability of the SealMate dispenser. A compression-brake mechanism prevents the roll from turning as the dispensed sheet is separated from the roll. The smooth lower surface can be swept across the film once applied to the plate to assure secure sealing around all wells. Thumb and forefinger notches above and below the film at the edge of the dispensing bill provide access to the non-adhesive band to facilitate pulling the next film from the dispenser. A prop on the lower surface prevents the bill from contacting the supporting surface when the dispenser is not in use. Alternatively, the dispenser can stand on one of the hubs at the roll ends during storage. The dispenser, thus parked, provides protection and keeps unused films handy for sealing subsequent plates without the need for opening small boxes or pulling individual films from plastic bags. The SealMate system reduces laboratory waste because the film is rolled on itself with no extra paper or plastic liner to be discarded before sealing the plate.

## The New SealMate™ Dispenser Makes Microplate Sealing Easy!



### SealPlate® Films

SealPlate® 38 µm thick polyester films minimize evaporation, prevent spillage and contamination between wells, and provide a secure seal, not just a cover. They are recommended for ELISA tests, general incubation, and short-term storage. Temperature range: -40 °C to +120 °C. SealPlate films are non-pierceable. **Each SealPlate roll contains films to cover 100 microplates. Color code: green.**

Catalog No.	Description
SM-KIT-SP	SealPlate Starter Kit, SealMate Dispenser + 2 Rolls of SealPlate Films, <b>Non-Sterile</b>
SM-KIT-SPS	SealPlate Starter Kit, SealMate Dispenser + 2 Rolls of SealPlate Films, <b>Sterile</b>
RSMSP-2	SealPlate Film Rolls Only: 2 Rolls/Pk, <b>Non-Sterile</b>
RSMSP-2-S	SealPlate Film Rolls Only: 2 Rolls/Pk, <b>Sterile</b>

### AeraSeal™ Films

AeraSeal™ 114 µm thick hydrophobic porous films with medical-grade adhesive provide non-cytotoxic breathable closures for tissue culture plates, bio-blocks, and 96-well plates where gas exchange is necessary for cell or bacterial growth. AeraSeal films allow uniform air and CO<sub>2</sub> exchange for all wells, unlike plate lids which favor exchange for wells near plate edges. Temperature range: -20 °C to +80 °C. AeraSeal films are easily pierceable with pipets or pipet tips for sample recovery. **Each AeraSeal roll contains films to cover 50 culture plates. Color code: red.**

Catalog No.	Description
SM-KIT-B	AeraSeal Starter Kit: SealMate Dispenser + 2 Rolls of AeraSeal Films, <b>Non-Sterile</b>
SM-KIT-BS	AeraSeal Starter Kit: SealMate Dispenser + 2 Rolls of AeraSeal Films, <b>Sterile</b>
RSMB-2	AeraSeal Film Rolls Only: 2 Rolls/Pk, <b>Non-Sterile</b>
RSMB-2-S	AeraSeal Film Rolls Only: 2 Rolls/Pk, <b>Sterile</b>

### SealMate™ Dispenser Only

Catalog No.	Description
SM	SealMate Dispenser, 1/Pk, <b>Non-Sterile</b>
SM-S	SealMate Dispenser, 1/Pk, <b>Sterile</b>

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