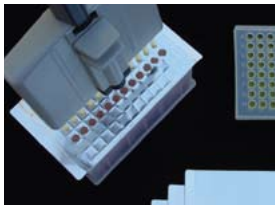


## AlumaSeal® Pierceable Sealing Foils for PCR and Cold Storage

Excel's AlumaSeal® foils listed below combine soft non-permeable aluminum with strong medical-grade adhesives to eliminate the need for heat-sealing devices or mats when protecting samples and preventing evaporation during PCR thermal cycling. Compared to other aluminum foils, these soft foils have less tendency to roll back when removing the backing paper and conform well to plates during application. Excellent vapor-barrier properties and easy pierceability also make AlumaSeal foils ideal for long-term sample storage and recovery. AlumaSeal CS™ foils are specifically designed for that purpose.

- heat & cold resistant
- all certified DNase-, RNase-, and nucleic-acid-free
- easily pierceable with single or multichannel pipettors and robotic probes for sample recovery
- excellent barrier properties, virtually no sample evaporation or drying

### AlumaSeal II™ Foils for PCR and Cold Storage

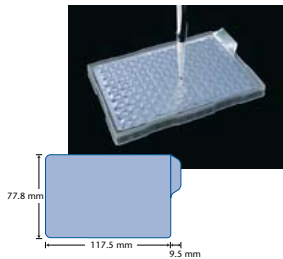


AlumaSeal II™ foils are 36 µm thick with a 26 µm layer of acrylic adhesive. Each foil measures 82.6 x 146.1 mm, including two full-width end tabs, and offers sufficient sealing area for all PCR plates. Length between the perforations with end tabs removed is 125.4 mm. Sterile product is packaged in 100 µm tamper-evident bags of 25.

- recommended for temperatures from -80 °C to +120 °C
- available sterile

Catalog No.	Description
AF-100	AlumaSeal II Foils, Pkg of 100, <b>Non-Sterile</b>
AFS-25	AlumaSeal II Foils, Pkg of 50 in two zip bags of 25, <b>Sterile</b>

### AlumaSeal 96™ Foils Primarily for PCR

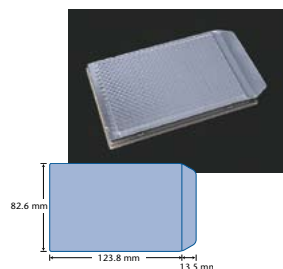


AlumaSeal 96™ foils are 38 µm thick with a 38 µm layer of acrylic adhesive and designed to fit within the rim of 96-well raised-rim plates. These foils have one partial-width end tab with no perforations. They are available non-sterile only. Dimensions are 127.0 x 77.8 mm (including the single 9.5 mm end tab).

- recommended for temperatures from -80 °C to +120 °C
- alternative to Corning®/Costar® #6570
- cut to fit on raised-rim plates

Catalog No.	Description
F-96-100	AlumaSeal 96 Foils, Pkg of 100, <b>Non-Sterile</b>

### AlumaSeal 384™ Foils Primarily for PCR

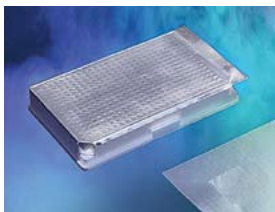


AlumaSeal 384™ foils are 38 µm thick with a 38 µm layer of acrylic adhesive and designed for use with 384-well plates. They can also be used on 96-well plates without raised rims. These foils have one end tab with no perforations. They are available non-sterile only. Film dimensions are 137.3 x 82.6 mm (including the single 13.5 mm end tab).

- recommended for temperatures from -80 °C to +120 °C
- alternative to Corning®/Costar® #6569.

Catalog No.	Description
F-384-100	AlumaSeal 384 Foils, Pkg of 100, <b>Non-Sterile</b>

### AlumaSeal CS™ Foils for Cold Storage to -80 °C



AlumaSeal CS™ foils are 50 µm thick with a 50 µm layer of acrylic adhesive and formulated for best performance in cold storage down to -80 °C. Unlike other AlumaSeal foils, these are not recommended for PCR or thermal cycling. A single non-perforated end tab simplifies application. Simply hold the tab and strip the backing as the body of the foil lays on the plate to avoid curling. Dimensions are 82.6 by 132.6 mm, including the 9.5 mm end tab. Sterile product is packaged in 100 µm tamper-evident bags of 25.

- available sterile
- alternative to Beckman #538619

Catalog No.	Description
FC-100	AlumaSeal CS Foils, Pkg of 100, <b>Non-Sterile</b>
FCS-25	AlumaSeal CS Foils, Pkg of 50 in two zip bags of 25, <b>Sterile</b>



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## Sealing Film Accessories

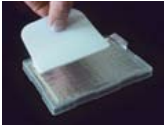
### Plate Roller



Completing application of a plate-sealing film by pressing with the accessory plate roller assures a secure and uniform seal around all wells on 96-well, 384-well, and 1536-well microplates and larger-well tissue culture plates.

<i>Catalog No.</i>	<i>Description</i>
RL-PLT-01	Plate Roller, Pkg of 1, <b>Non-Sterile</b>

### Film-Sealing Paddles



An alternative to the plate roller for pressing films to assure a secure uniform seal around all wells on 96-well, 384-well, and 1536-well plates. These paddles are especially recommended for sealing films on raised-rim plates because they fit within the rim of the plate.

<i>Catalog No.</i>	<i>Description</i>
PDL-5	Film-Sealing Paddles, Pkg of 5, <b>Non-Sterile</b>



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