

click on a product to go to its web page

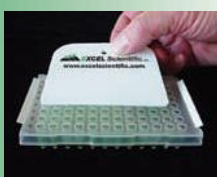
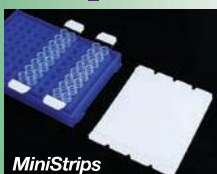
for Classic PCR

Certified DNase-, RNase- and nucleic-acid-free



For more ThermalSeal information:

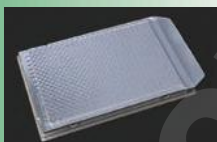
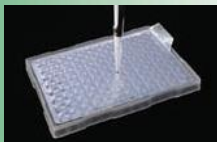
www.excelscientific.com/thermalseal_content.html



For more AlumaSeal information:

www.excelscientific.com/alumaseal_content.html

Also available in
Roll-Seal format



ThermalSeal 2™ Sealing Films

Recommended temperature range: -40 to +120 °C

Film: polyester, 50 µm thick

Adhesive: acrylic, 41 µm thick

Properties: non-pierceable

An improved film for classic thermal cycling applications. Compared to original ThermalSeal® films (below), ThermalSeal 2 films offer better adhesion, reduced evaporation, longer end tabs for easier handling, and less tendency to tear during removal from the plate.

Length with end tabs removed: 125.1 mm. **New for 2012!**

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
TS2-100	ThermalSeal 2 Sealing Films, Non-Sterile	100 sheets	79.4 x 139.7 mm

ThermalSeal® Sealing Films

Recommended temperature range: -40 to +120 °C

Film: polypropylene, 50 µm thick

Adhesive: acrylic, 25 µm thick

Properties: non-pierceable

Heat-resistant polypropylene sealing film with two end tabs for thermal cycling applications. MiniStrips™ version designed for sealing one or two 8-well rows at a time on plates or strip tubes. Length with end tabs removed: 123.1 mm for ThermalSeal; 76.2 mm for ThermalSeal MiniStrips.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
100-THER-PLT	ThermalSeal Sealing Films, Non-Sterile	100 sheets	79.4 x 135.1 mm
STR-THER-PLT	ThermalSeal Sealing Films, Sterile	100 sheets	79.4 x 135.1 mm
TS-2x8-50	ThermalSeal MiniStrips Sealing Films, Non-Sterile	200 in sheets of 4	19.0 x 97.3 mm

ThermalSeal A™ Sealing Films

Recommended temperature range: -40 to +120 °C

Film: polypropylene, 50 µm thick

Adhesive: acrylic, 50 µm thick

Properties: non-pierceable

Advanced version of classic ThermalSeal films above. Thicker, stronger adhesive for better sealing and evaporation control with PCR plates with narrow or irregular sealing surfaces. Sized to fit within the edges of raised-rim PCR plates. Length with end tabs removed: 118.1 mm.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
TSA-100	ThermalSeal A Sealing Films, Non-Sterile	100 sheets	77.8 x 135.5 mm

AlumaSeal II™ Sealing Foils

Recommended temperature range: -80 to +120 °C

Film: aluminum foil, 36 µm thick

Adhesive: acrylic, 28 µm thick

Properties: pierceable, 2 end tabs

Soft, chemical-resistant aluminum foil with strong medical-grade adhesive. Length with end tabs removed is 125.4 mm for flat-top plates. For raised-rim plates, use AlumaSeal 96 foils below. Aluminum foils provide the best vapor barrier of all adhesive microplate seals.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
AF-100	AlumaSeal II Sealing Foils, Non-Sterile	100 sheets	82.6 x 146.1 mm
AFS-25	AlumaSeal II Sealing Foils, Sterile	50 sheets	82.6 x 146.1 mm

AlumaSeal 96™ Sealing Foils

Recommended temperature range: -80 to +120 °C

Film: aluminum foil, 38 µm thick

Adhesive: acrylic, 38 µm thick

Properties: pierceable

Thicker adhesive for better sealing and evaporation control with PCR plates with narrow or irregular sealing surfaces. Sized to fit within the edges of raised-rim PCR plates. One partial-width end tab with no perforation. Length not including end tab: 117.5 mm.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
F-96-100	AlumaSeal 96 Sealing Foils, Non-Sterile	100 sheets	77.8 x 127.0 mm

AlumaSeal 384™ Sealing Foils

Recommended temperature range: -80 to +120 °C

Film: aluminum foil, 38 µm thick

Adhesive: acrylic, 38 µm thick

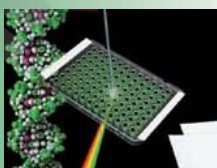
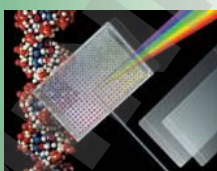
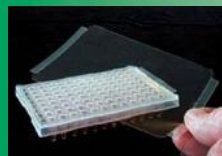
Properties: pierceable

Similar to AlumaSeal 96 but not for raised-rim plates. Single full-width end tab with no perforation.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
F-384-100	AlumaSeal 384 Sealing Foils, Non-Sterile	100 sheets	82.5 x 137.3 mm

for Real-Time/qPCR and Sitting-Drop Protein Crystallization

Certified DNase-, RNase- and nucleic-acid-free



Also available in
Roll-Seal format

ThermalSeal RT™ Sealing Films

Recommended temperature range: -40 to +120 °C

Film: polyester, 50 µm thick

Adhesive: acrylic, 25 µm thick

Properties: optically clear, 2 end tabs

For more information: www.excelscientific.com/thermalseal_content.html#RT

An economical film with high optical clarity and low autofluorescence suitable for real-time qPCR analyses. The RT2RR version is sized to fit within the edges of raised-rim PCR plates.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
TS-RT2-100	ThermalSeal RT Sealing Films, Non-Sterile	100 sheets	79.4 x 142.9 mm
TS-RT2RR-100	ThermalSeal RT2RR Sealing Films, Non-Sterile	100 sheets	77.8 x 130.8 mm

ThermalSeal RTS™ Sealing Films

Recommended temperature range: -70 to +100 °C

Film: polyolefin, 50 µm thick

Adhesive: silicone, 50 µm thick

Properties: optically clear, chemical resistant

For more information: www.excelscientific.com/thermalseal_content.html#RTS

The silicone adhesive provides the strongest available seal, compatible with all PCR plates. For easy handling, the pressure-sensitive adhesive is non-tacky until pressed on the plate to seal.

Cat.No.	Description	Qty/Pkg	Sheet Dimensions
TSS-RTQ-100	ThermalSeal RTS Sealing Films, Non-Sterile	100 sheets	78.6 x 139.7 mm