

# Platemax™

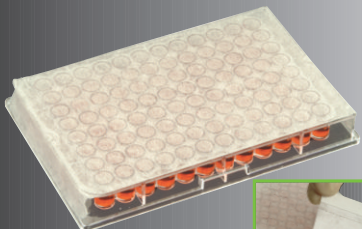
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## Sealing FILM OPTIONS



For Multi-well Microplates

### Breathable

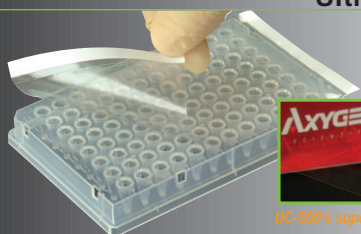


Material	Thickness	Description	Dimensions (mm)	Working Temp. Min.	Working Temp. Max.	Application	Packaging	Axygen Cat #
Rayon	50µm	Breathable Film	153 x 82.3	-20°C	80°C	Tissue Culture	Bulk	BF-400
Rayon	50µm	Breathable Film	153 x 82.3	-20°C	80°C	Culture	Bulk, Pre-Sterilized*	BF-400-S

- Allows effective gas exchange for cellular and bacterial cultivation, while preventing contamination
- Seals polypropylene and polystyrene culture plates, 96-well plates, 384-well plates and other assay plates

**Packaging Description:** 100 films/pack, 10 packs/case; \*25 per bag, 2 bags per box, 10 boxes per case

### UltraClear



UC-500's superior clarity

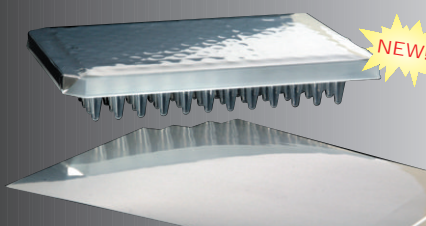
Typical sealing film

Material	Thickness	Description	Dimensions (mm)	Working Temp. Min.	Working Temp. Max.	Application	Packaging	Axygen Cat #
Polyester	70µm	UltraClear Film, Pressure Sensitive	141.5 x 77.7	-40°C	104°C	Real Time PCR	Bulk	UC-500

- Seals 96- and 384-well PCR plates
- Film clarity allows for optical analysis during Real Time PCR
- With a unique pressure sensitive adhesive, this film has none of the tacky residues that can interfere with optical analysis

**Packaging Description:** 100 films/pack, 5 packs/case

### Aluminum



**NEW!**

Material	Thickness	Description	Dimensions (mm)	Working Temp. Min.	Working Temp. Max.	Application	Packaging	Axygen Cat #
Aluminum	35µm	Aluminum Seal	146 x 79.2	-80°C	104°C	PCR/Storage + Light Sensitive	Bulk	PCR-AS-200
Aluminum	50µm	Aluminum Seal	133.3 x 79.2	-80°C	104°C	Light Sensitive	Bulk	PCR-AS-600

- Provides exceptional seal on multi-well plates under the widest temperature conditions and reagents
- When used in conjunction with Axygen's compression mat, seals during thermocycling process
- Ideal for light sensitive samples and its uniformly applied adhesive provides optimum well sealing
- Pierceable, PCR-AS-200

**Packaging Description:** 100 films/pack, 5 packs/case

### CyclerSeal



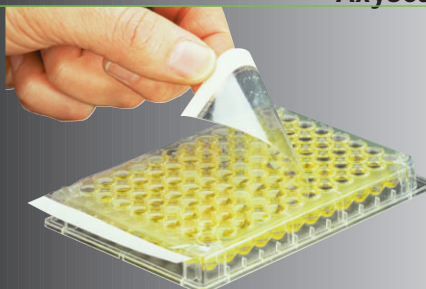
**NEW!**

Material	Thickness	Description	Dimensions (mm)	Working Temp. Min.	Working Temp. Max.	Application	Packaging	Axygen Cat #
Polypropylene	60µm	CyclerSeal	135.5 x 80	-40°C	104°C	PCR/Storage	Bulk	PCR-TS
Polypropylene	120µm	CyclerSeal	137.6 x 80.8	-40°C	104°C	PCR/Storage	Bulk	PCR-TS-900*

- Exceptional seal across entire plate safeguards samples during transport or storage
- When used with Axygen's compression mat, this polypropylene film eliminates well to well contamination and cross-over in PCR applications
- PCR-TS-900 is suitable for water-bath and other difficult PCR applications

**Packaging Description:** 100 films/pack, 5 packs/case; \* 50 films/pack, 5 packs/case

### AxySeal



Material	Thickness	Description	Dimensions (mm)	Working Temp. Min.	Working Temp. Max.	Application	Packaging	Axygen Cat #
Polyester	80µm	AxySeal	146 x 79.6	-40°C	104°C	ELISA	Bulk	PCR-SP
Polyester	80µm	AxySeal	146 x 79.6	-40°C	104°C	ELISA	Bulk, Pre-Sterilized	PCR-SP-S

- Polyester based with uniformly and consistently applied acrylic adhesive to eliminate the edge effect in sensitive ELISA assays
- Suitable for sealing tissue culture plates, for short-term storage and incubation, for transport and the containment of biohazardous solutions
- Available in both non-sterile and sterile packaging

**Packaging Description:** 100 films/pack, 5 packs/case

# Sealing

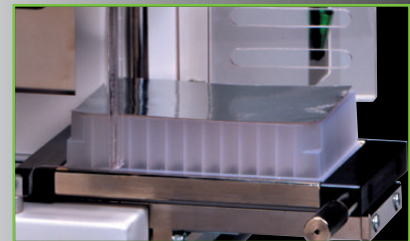
# FILM OPTIONS



## Heat Sealing Films

Material	Thickness	Description	Dimensions (mm)	Working Temp. Min. Max.	Application	Packaging	Axygen Cat #
Aluminum/Ethylene/Vinyl	60µm	VersaFilm	114.5 x 80.4	-80 104°C	Storage	Bulk	MF-111
Litto/Ethylene/Vinyl	85µm	Paper-backed	127.2 x 79.5	-80 104°C	Storage	Bulk	MF-300

**Packaging Description:** 100 films/pack, 5 packs/case



### Heat Sealer Specifications and Settings

Sealing Film Part Number	Description	Temperature Range	Time
MF-111	VersaFilm	130 - 150°C	1 - 4 sec.
MF-300	Paper-backed	125 - 140°C	1 - 4 sec.

## EasyPress Sealing Mat and Film Applicator

**Axygen EasyPress** is a manual device which provides simple and effective application of Axymats and/or ImpermaMats to 96- and 384- microplates, deep well plates, microtiter tube systems and PCR plates. The EasyPress can handle any size plate of varying heights (384 PCR to 2ml deep well blocks) by quick adjustment of the large thumbwheel.



To adjust for a new plate, lower the handle and place a plate on the 'plate slide' with no Axymat.

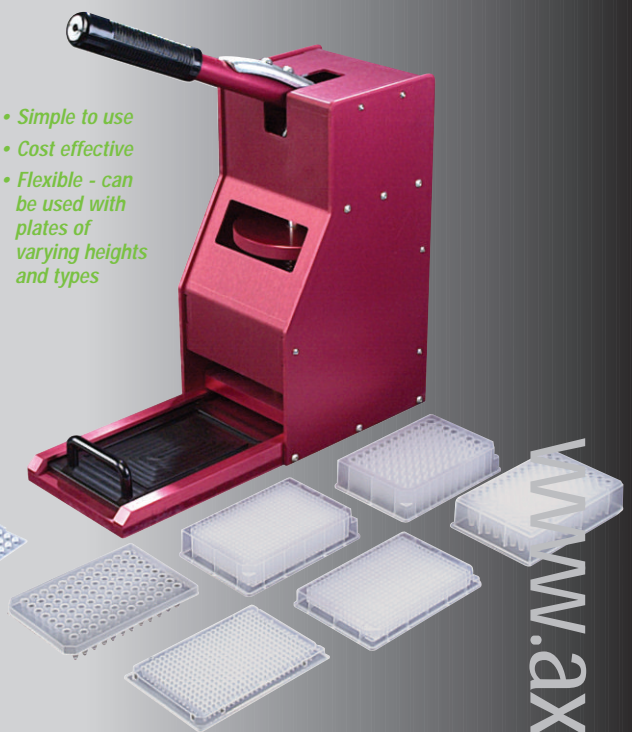


Adjust the large thumbwheel clockwise to lower the press head to the desired firm level.

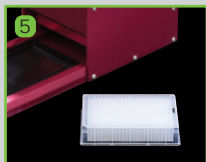


With the 'plate slide' in the out position, place the appropriate Axymat on top of the plate, align 2 - 3 corners of the Axymats and place the plate with the Axymat into the 'plate slide' and move into the press.

- Simple to use
- Cost effective
- Flexible - can be used with plates of varying heights and types



Description	Suitable for Plates	Catalog No.
EasyPress	Deep well plates, Microplates PCR plates, in 96 and 384 format	IT-EP-R



You are now ready to continue sealing plates of the same size starting at step #3. If sealing a plate of a different height start at step #1.



Holding the outer edge of the 'base plate', gently pull down on the handle to the bottom of its stroke and then return the handle to the top. Slide the plate tray out of the EasyPress and remove your plate.

Description	Catalog No.
Sealing Film Roller	PCR-SP-ROLLER

- Ideal for the application of all PlateMax™ sealing films.

