

# Axygen® Sealing Solutions



For applications ranging from PCR and Real-time PCR to ELISA and cell culture, Axygen offers easy and cost-effective solutions to give you the peace of mind when sealing your microplates. Available in adhesive films, heat seal sheets, or heat seal rolls.

## Features

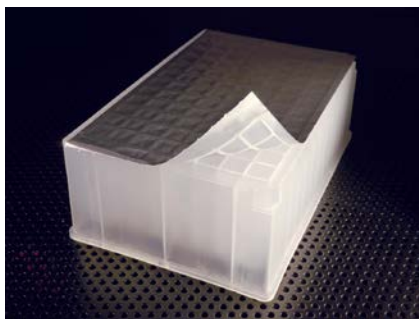
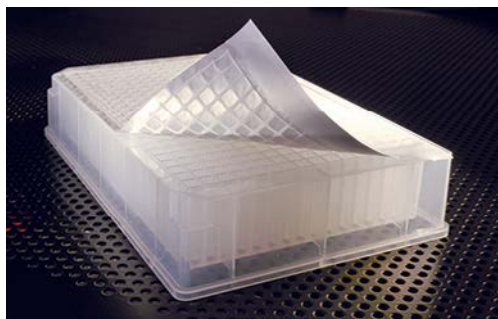
- ▶ Ideal for a wide range of applications over a wide range of temperatures.
- ▶ RNase-/DNase-/human gDNA-free and nonpyrogenic.
- ▶ Sealing films offer great economy for disposable use.
- ▶ AluminumSeal and PolyesterSeal are designed for high throughput screening applications, but are also suitable for long-term storage, transport, PCR.
- ▶ HeatSeal is ideal for PCR applications as it eliminates evaporation and well-to-well contamination. It is also useful for sample storage and transport.



## Specifications and Ordering Information

### Axygen® PlateMax® Heat Sealing Films and Rolls

Axygen PlateMax microplate heat sealing films are designed for applications ranging from PCR and Real-time PCR to storage. They can be used in a wide range of temperatures, making them suitable for nearly any application.



Application	Cat. No.	Description	Qty/Pk	Qty/Cs	Dimensions	Thickness	Working Temp. Range	Heat Sealing Temp. & Time	Features
Storage	MF-300	Paper-backed, lito/ethylene/vinyl	100	1000	127.2 × 79.5 mm	85 µm	-80 to 104°C	145 ± 5°C, 4 s	<ul style="list-style-type: none"> <li>Designed for a wide of applications over a wide range of temperatures</li> </ul>
qPCR/fluorescence/colorimetric measurements	HS-100-QPCR	UltraClear, permanent, polyester	50	500	125 × 78 mm	52 µm	-80 to 110°C	175 ± 5°C, 4 s	<ul style="list-style-type: none"> <li>UltraClear film specifically designed for optical analysis</li> </ul>
	HS-150-QPCR	UltraClear, peelable, polyester	100	500	125 × 78 mm	100.5 µm	-80 to 80°C*	175 ± 5°C, 4 s	
Compound/storage/PCR	HS-200	Peelable, polyester/aluminum	100	500	125 × 78 mm	70 µm	-80 to 90°C*	175 ± 5°C, 4 s	<ul style="list-style-type: none"> <li>Ideal for light-sensitive samples</li> </ul>
Storage	HS-300	Peelable, aluminum	100	500	125 × 78 mm	20 µm	-80 to 120°C	175 ± 5°C, 4 s	
Wide range of applications	HSF-AS-300-L	Pierceable, aluminum	Individual roll		115 mm × 500 m	-	-80 to 104°C	175 ± 5°C, 4 s	<ul style="list-style-type: none"> <li>Compatible with Agilent thermal microplate sealer</li> <li>Ideal for light-sensitive samples</li> </ul>
PCR/storage	HSF-TS-L	CyclerSeal, peelable, polyester/aluminum	Individual roll		115 mm × 500 m	-	-80 to 90°C	175 ± 5°C, 4 s	<ul style="list-style-type: none"> <li>CyclerSeal offers a tight seal, safeguarding sample during transport or storage</li> <li>Compatible with Agilent thermal microplate sealer</li> </ul>

\*110°C with pressurized PCR-heated lids.

## Axygen® Adhesive Sealing Films

Axygen offers sealing films with unique properties to meet your plate sealing needs for nearly any application.

Application	Cat. No.	Description	Qty/Pk	Qty/Cs	Dimensions	Thickness	Working Temp. Range	Features
Tissue/ Cell culture	BF-400	Breathable sealing film, rayon	100	1000	153 × 82.3 mm	140 µm	-20 to +80°C	<ul style="list-style-type: none"> <li>▶ The film seals all types of microplates and allows effective gas exchange for cellular and bacterial cultivation, while reducing contamination</li> </ul>
	BF-400-S	Breathable sealing film, rayon, sterile	50	500				
Real-time PCR	UC-500	UltraClear, pressure-sensitive sealing film, polyolefin	100	500	141.5 × 77.7 mm	97 µm	-70 to 100°C	<ul style="list-style-type: none"> <li>▶ UltraClear film specifically designed for meeting the optical requirements for real-time PCR</li> <li>▶ Pressure sensitive adhesive that leaves no tacky residues that can interfere with optical analysis</li> </ul>
PCR/ storage	PCR-AS-200	Aluminum sealing film, pierceable	100	500	146 × 79.2 mm	64 µm	-80 to 104°C	<ul style="list-style-type: none"> <li>▶ Uniformly applied adhesive maintains a tight seal on microplates over a wide range of temperatures and reagents</li> <li>▶ Ideal for light-sensitive samples</li> </ul>
	PCR-AS-600	Aluminum sealing film	100	500	133.3 × 79.2 mm	102 µm		
	PCR-TS	CyclerSeal sealing film, polyester	100	500	135.5 × 80 mm	99 µm		
ELISA/ general incubation	PCR-SP	AxySeal sealing film, polyester	100	500	146 × 79.6 mm	74 µm	-40 to 104°C	<ul style="list-style-type: none"> <li>▶ Uniform adhesive provides an effective seal across the entire plate to eliminate the edge effect in sensitive ELISA assays</li> <li>▶ Suitable for sealing tissue culture plates, for short term storage and incubation, transport, and the containment of solutions</li> </ul>
	PCR-SP-S	AxySeal sealing film, polyester, sterile	100	500				

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use or general laboratory use only.\* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. \*For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources).

CORNING



**Australian Distributors:**

**FISHER BIOTEC AUSTRALIA**

Free Call: 1800 066 077

Email: [info@fisherbiotec.com](mailto:info@fisherbiotec.com)

web:[www.fisherbiotec.com](http://www.fisherbiotec.com)