# Axygen® Sealing Solutions

AXYGEN
A Corning Brand

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.

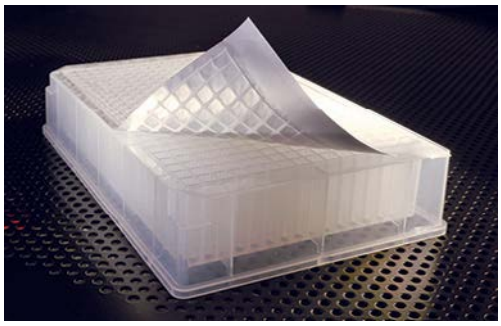
## Features

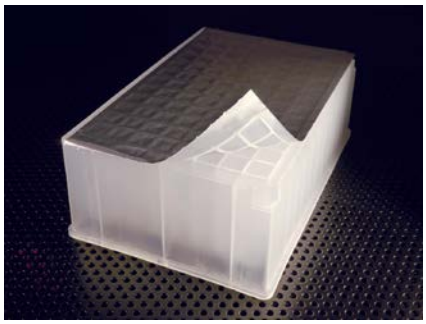
- Ideal for a wide range of applications over a wide range of temperatures.
- RNase-/DNase-/human gDNA-free and nonpyrogenic.
- Sealing films offer great economy for disposable use.
- AluminumSeal and PolyesterSeal are designed for high throughput screening applications, but are also suitable for long-term 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, litto/ethylene/ vinyl | 100 | 1000 | 127.2 × 79.5 mm | 85 µm | -80 to 104°C | 145 ± 5°C, 4 s | ◗ Designed for a wide of applications over a wide range of temperatures |
| 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 | ◗ UltraClear film specifically designed for optical analysis |
| | 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 | ◗ Ideal for light-sensitive samples |
| Storage | HS-300 | Peelable, aluminum | 100 | 500 | 125 × 78 mm | 20 µm | -80 to 120°C | 175 ± 5°C, 4 s | |

*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 | ◗ The film seals all types of microplates and allows effective gas exchange for cellular and bacterial cultivation, while reducing contamination |
| | 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 | ◗ UltraClear film specifically designed for meeting the optical requirements for real-time PCR<br>◗ Pressure sensitive adhesive that leaves no tacky residues that can interfere with optical analysis |
| PCR/ storage | PCR-AS-200 | Aluminum sealing film, pierceable | 100 | 500 | 146 × 79.2 mm | 64 µm | -80 to 104°C | ◗ Uniformly applied adhesive maintains a tight seal on microplates over a wide range of temperatures and reagents<br>◗ Ideal for light-sensitive samples |
| | 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 | -40 to 120°C | ◗ Designed to eliminate well-to-well contamination and cross-over in PCR applications<br>◗ Uniformly applied adhesive maintains a tight seal, safeguarding sample during transport or storage |
| ELISA/ general incubation | PCR-SP | AxySeal sealing film, polyester | 100 | 500 | 146 × 79.6 mm | 74 µm | -40 to 104°C | ◗ Uniform adhesive provides an effective seal across the entire plate to eliminate the edge effect in sensitive ELISA assays<br>◗ Suitable for sealing tissue culture plates, for short term storage and incubation, transport, and the containment of solutions |
| | PCR-SP-S | AxySeal sealing film, polyester, sterile | 100 | 500 | | | | |