

AdvanceSeal™ 3000

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Dimensional Information and Tolerances

CRITERIA	DIMENSIONAL INFORMATION / SPECIFICATIONS
Roll Stock:	
Portrait Roll (W x L)	77.5mm x 610m ± 0.5mm (3.05" x 2,001')
Landscape Roll (W x L)	114.5mm x 500m ± 0.5mm (4.51" x 1,640')
Core Inner Diameter	3.038"

Construction

LAYER	DESCRIPTION	THICKNESS
Film	Multi-layer foil laminate	0.78 mil (0.02mm) ±10%
Adhesive	Coextruded peelable layer	2.00 mil (0.05mm) ±10%

Activation Temperature Table

PLATE MATERIAL	RECOMMENDED TEMPERATURE	RECOMMENDED TIME
Polypropylene	155°C - 165°C	3 Seconds
Dual Component (polycarbonate/polypropylene)	155°C - 165°C	3 Seconds
Polystyrene	140°C	2 Seconds

Applications

- PCR
- Long-term compound storage
- Light sensitive assays
- Robotics

Features & Benefits

- Peelable foil seal
- Removes from plates without tearing
- Heat and cold resistant, effective at temperatures from -80°C to +105°C
- Excellent chemical resistance
- Compatible with most automated heat sealing platforms, including Kbiosystems, Azenta, and Agilent PlateLoc Heat Sealers
- Compatible with most plate materials; polypropylene, dual component (polycarbonate/polypropylene), and polystyrene
- Certified free of detectable levels of Endotoxin, DNase, RNase, and Human DNA contamination (PCR Certified)