

AdvanceSeal™ 1000

Effective: August 15, 2025
Document No.: MFG-PS-455-A

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 1640')
Core Inner Diameter	3.038"

Construction

LAYER	DESCRIPTION	THICKNESS
Top coat	Corona Treatment	
Film	Transparent, Biaxially Oriented Polyester	0.75 mil ±10%
Sealant Layer	Heat Sealable Copolymer (Peelable)	

Activation Temperature Table

PLATE MATERIAL	RECOMMENDED TEMPERATURE	RECOMMENDED TIME
Polypropylene	165°C	4 Seconds
Dual Component (polycarbonate/polypropylene)	165°C	4 Seconds
Polystyrene	165°C	4 Seconds

Applications

- PCR
- ELISA
- Incubation
- Cold storage
- Long term storage
- General purpose applications

Features & Benefits

- Compatible with Kbiosystems, Azenta, and Agilent PlateLoc Heat Sealers
- Certified free of detectable levels of DNase, RNase, and Human DNA contamination (PCR Certified)
- Heat and cold resistant, effective at temperatures from -80°C to +105°C
- Treated surface for easy labeling with a marker
- Easily peelable, even after cold storage
- Transparent film allows clear visibility of sample wells
- Excellent chemical resistance