

AdvanceSeal™ Heat Seal Peelable PCR Foil

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Dimensional Information and Tolerances

CRITERIA	DIMENSIONAL INFORMATION / SPECIFICATIONS
Sheeted Film:	
Overall (L x W)	5.171" ±0.015 x 3.0938" ±0.015
Usable Size	4.921" ±0.015 x 3.0938" ±0.015
End-Tab	0.787" ±0.040 from edge of film
Perforations	N/A
Corner Radii	N/A

Construction

LAYER	DESCRIPTION	THICKNESS
Top Coat	N/A	N/A
Film	Multilayer Foil Laminate	2.50 mil ±15%
Adhesive	Heat Activated Adhesive	1.05 mil ±10%
Release Liner	Clear Polyester	4.00 mil ±10%

Recommended Sealing Parameters*

PLATE TYPE	RECOMMENDED TIME	RECOMMENDED TEMPERATURE
Dual component PCR plates (polycarbonate/polypropylene)	2 seconds	156°C
Polypropylene PCR plates	2 seconds	140°C

*Sealing parameters should be optimized based on plate type to obtain a secure seal.

Applications

- PCR

Features & Benefits

- Compatible with single sheet heat seal applicators
- Certified free of detectable levels of DNase-, RNase- and Human DNA contamination (PCR Certified)
- Provides excellent evaporation protection
- Peelable foil does not tear upon removal
- Compatible with polypropylene and dual component (polycarbonate/polypropylene) PCR plates
- Backing liner prevents sealing surface contamination (remove prior to sealing)