



## Product Information

<b>Product Name:</b>	Aluminum Foil Sealing Film — PCR & Storage
<b>Product Code:</b>	PCRSEAL-ALM
<b>Version:</b>	VI
<b>Date:</b>	June 2026

## Features

- Designed for PCR and long-term sample storage applications
- Aluminum foil backing provides an effective moisture and vapor barrier
- Pierceable design for convenient sample retrieval without removing the entire seal
- Exceptional adhesion ensures sample integrity and prevents evaporation
- Remove backing liner, place, and press to seal — no heat or applicator required
- Small-bag packaging (10 per sealed bag) minimizes cross-contamination
- Compatible with all standard 96-well and 384-well plates with raised rims

## Product Specifications

<b>Dimensions</b>	Length: 142 ±0.5 mm   Width: 79.3 ±0.5 mm   Thickness: 0.06 ±0.01 mm
<b>Color</b>	Silver
<b>Material</b>	Backing: Aluminum Foil Adhesive: Acrylic Adhesive Release Liner: Wood Fiber, Polyethylene, Silicone
<b>Adhesion Strength</b>	Steel: 13.7 N/25 mm   Polypropylene: 11.7 N/25 mm
<b>Operating Temperature</b>	−80°C to +120°C
<b>Packaging</b>	10 films/sealed bag, 10 bags/box, 20 boxes/carton
<b>Storage</b>	Room temperature, cool and dry, out of direct sunlight

## Purity Certification (Per Lot)

<b>PCR Inhibitor-Free</b>	$R^2 \geq 0.99$ , efficiency 90–110%
<b>Human DNA-Free</b>	< 0.5 pg/μL
<b>DNase / RNase-Free</b>	Certified per lot
<b>ATP-Free</b>	< $10^{-13}$ mg/μL
<b>Non-Pyrogenic</b>	< 0.004 EU/mL, LAL tested per USP <85>, <161>





## Regulatory Compliance

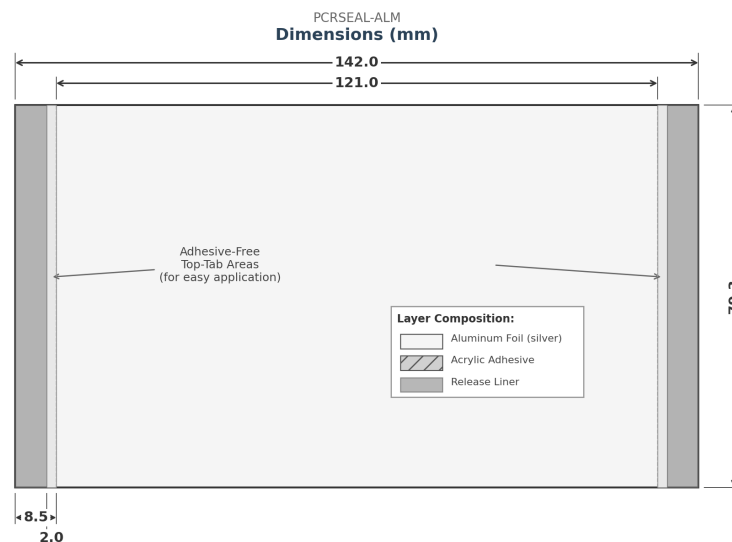
- U.S. FDA 21 CFR 177.1520 3.2a — film material tested and compliant
- RoHS 2011/65/EU — confirmed non-heavy metal
- REACH (EC) No 1907/2006 — non-SVHC
- Manufactured under ISO 9001:2015 and ISO 13485:2016 certified quality management system

## Cross-Reference

PCRSEAL-ALM is a functional replacement for:

- Applied Biosystems® AB0626
- Bio-Rad® Microseal® “F” (MSF1001B)
- Excel Scientific™ AlumaSeal™ AF-100

## Product Drawing



## Notices

For Research Use Only. Not for use in diagnostic procedures.

Manufactured to PCRSeal OEM specifications under ISO 9001:2015 and ISO 13485:2016 certified quality management system.

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References are for cross-reference and compatibility purposes only.

