

# eXTReme™ FoilSeal™

Effective: June 1, 2016  
 Document No.: MFG-PS-422 RevC

## Dimensional Information and Tolerances

CRITERIA	DIMENSIONAL INFORMATION / SPECIFICATIONS
Sheeted Film:	
Overall (L x W)	5.080" x 3.0833" +/- 0.015
End-Tabs	0.390" +/- 0.015
Perforations	0.430" +/- 0.015 from edge of foil
Corner Radii	1/16"

## Construction

LAYER	DESCRIPTION	THICKNESS
Top Coat	N/A	N/A
Film	Aluminum Foil	1.9 mil +/-10%
Adhesive	Acrylic	1.2 mil +/-10%
Release Liner	Brown Paper	5.6 mil +/-10%

## Applications

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

## Features & Benefits

- Universal fit for use with all plate types (e.g. flat top and raised-rim)
- The smaller dimensions and chamfered corners result in no plate overhang for robotics applications
- Single end-tab features a custom perforation that will not tear during removal
- Heat and cold resistant, recommended for temperatures from -80°C to +120°C
- Certified free of detectable levels of DNase-, RNase- and Human/Mouse DNA contamination (PCR Certified)
- Excellent barrier properties minimizes sample evaporation
- Thick aluminum foil minimizes shredding during removal and is ideal for cold storage
- Conformable foil allows visual verification of seal security
- Pierceable with pipet tips and robotic probes for direct sample retrieval
- Specially formulated adhesive provides an excellent seal for all plate materials (e.g. polystyrene and polypropylene)
- Foil will remove cleanly from plate surfaces with minimal adhesive stringing or residue