

# AeraSeal™

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## Dimensional Information and Tolerances

CRITERIA	DIMENSIONAL INFORMATION / SPECIFICATIONS
<b>Sheeted Film:</b>	
Overall (L x W)	5.625" +/- 0.015 x 3.25" +/- 0.015
End Tabs	0.313" +/- 0.015
Perforations	N/A
Corner Radii	3/32"
<b>Roll Stock:</b>	
Roll (W x L)	81mm x 100 meters (3.2" x 328')
Slit Width Tolerance	± 0.03125"

## Construction

LAYER	DESCRIPTION	THICKNESS
Top Coat	N/A	N/A
Film/Adhesive *	White Non-Woven Rayon/Acrylic	5.5 +/-10%
Release Liner	Poly-coated Paper	4.6 mil +/- 0.8 mil

\* Note: Gamma radiation will slightly reduce the tackiness of the adhesive

## Applications

- Cell growth
- Bacterial cultivation

## Features & Benefits

- Non-cytotoxic [The components of our AeraSeal product have been subjected to in vitro cytotoxicity (Agar Overlay) testing. Protocol reference: Guess, W.L., et al; "Agar Diffusion Method for Toxicity Screening of Plastics on Culture Cell Monolayers"; J. Pharm. Sci. 54:15451547 (1965)]
- Moisture vapor transmission rate = 4,200 gms./m<sup>2</sup>/24 hrs
- Breathable
- Highly gas permeable
- Easily pierced with pipette tips or pipettes for direct sample recovery
- Recommended for temperatures from -20°C to +80°C

