

## AirSeal Heat Sealing Films

**Description :**

Non-woven gas permeable peelable seal for cell & seed culture, the Seal is Porous, Gas Permeable and a Barrier to Solid Contaminant s.

**Validations :**

**Mass loss : No**

*Confirming the materials ability to resist high temperatures*

**Pierce : Pass**

*Measuring the force required to push a standardised needle through the material via compression measuring equipment*

**Optical : No**

*Determining the materials optical clarity by measuring the transmission of emissive dye through the material*

**Peel : Pass**

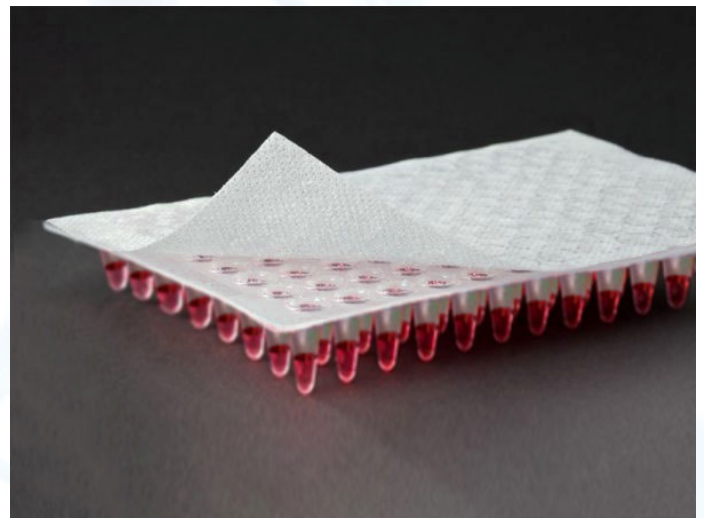
*Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment*

**Low temp seal test : Pass**

*Confirming the materials ability to resist low temperatures*

**Solvent : No**

*Evaluating the materials resistance to solvents (DMSO used as an aggressive standard)*


**Features**

<b>Visual description</b>	White non-woven. Seal side has a shiny lacquer coating
<b>Application</b>	Short term Incubation, agriculture and seed storage, Insect storage and Cell Culture, for use in autoclaves
<b>Physical properties</b>	Temperature Range: 20°C to +80°C. Compatibility: Polypropylene (PP), Polystyrene (PS)
<b>Recommended storage conditions</b>	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within the expiry date shown on the label. Three years when stored at 21°C (70°F), 50% relative humidity, out of direct sunlight, in original packaging.
<b>Sealing Temp + Dwell Times</b>	Temperature and Dwell Time: 175°C, 2 seconds
<b>Plate types</b>	Polypropylene(PP Polystyrene (PS)
<b>Compatible sealing equipment</b>	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
<b>Dimensions</b>	500m x 115mm

**Units : 1 roll**