

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

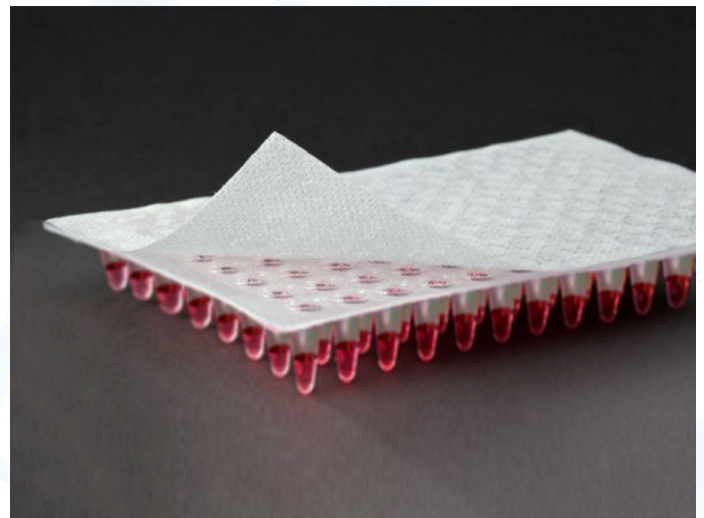
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

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

Visual description	White non-woven. Seal side has a shiny lacquer coating
Application	Short term Incubation, agriculture and seed storage, Insect storage and Cell Culture, for use in autoclaves
Physical properties	Temperature Range: 20°C to +80°C. Compatibility: Polypropylene (PP), Polystyrene (PS)
Recommended storage conditions	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.
Sealing Temp + Dwell Times	Temperature and Dwell Time: 175°C, 2 seconds
Plate types	Polypropylene(PP Polystyrene (PS)
Compatible sealing equipment	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
Dimensions	125 x 78 mm

Units : 100 sheets