DATASHEET **PART NUMBER** **257140**

AirSeal II Heat Sealing Films

Description :

A 60gsm Paper with a grid lacquer coating to give a smooth peel, the Seal is Porous, Gas Permeable and a Barrier to Solid Contaminants.

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

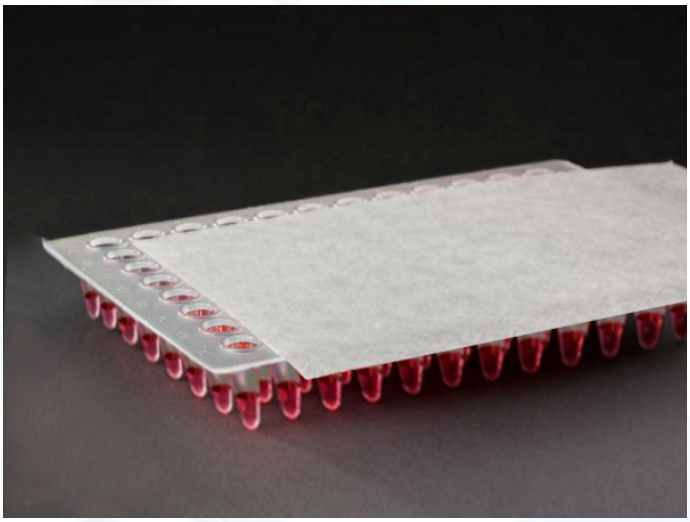
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

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	Upper 60gsm paper. Seal side grid effect lacquer coating
Application	Short term Incubation, agriculture and seed storage, Insect storage and Cell Culture.
Physical properties	Temperature Range: 20°C to +80°C. Compatibility: Polypropylene (PP), Polystyrene (PS)
Recommanded 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) Cyclo Olefin Copolymer (COC) COC), Polycarbonate (
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

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