

XCutSeal Heat Sealing Films

Description :

A Clear, perforated gas permeable film suited for cell and seed culture with good optical clarity and moderate solvent resistance. The seal is non peelable.

Validations :

Mass loss : Pass

Confirming the materials ability to resist high temperatures

Pierce : No

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

Optical : Pass

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

Peel : No

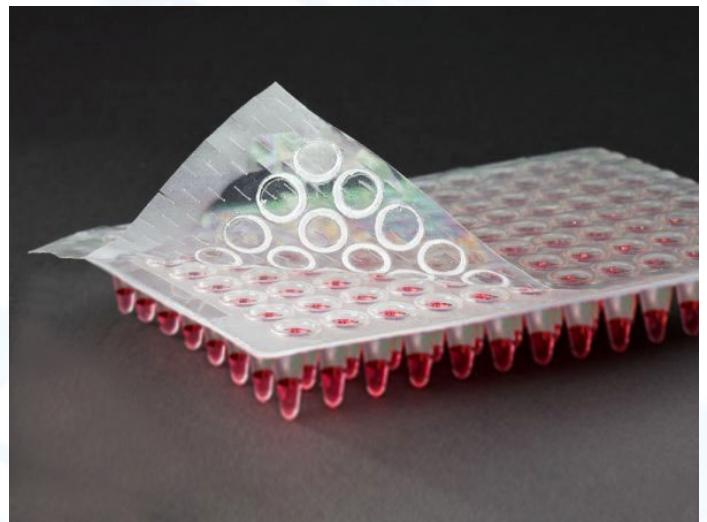
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

Low temp seal test : Pass

Confirming the materials ability to resist low temperatures

Solvent : Pass

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


Features

Visual description	Perforated clear plastic sel. Sealing surface on inside of role and less reflective.
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), Polyethylene (PE), Polystyrene (PS) and Cyclo Olefin Copolymer (COC) plates, Polycarbonate (
Compatible sealing equipment	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
Dimensions	500m x 115mm

Units : 1 roll