

PeelNClear ChemPlus Heat Sealing Films

Description :

A strong, clear bonding film which is ideal for water thermal cyclers. The film has good optical clarity is solvent resistant and has a permanent seal. It is nonpierceable and 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

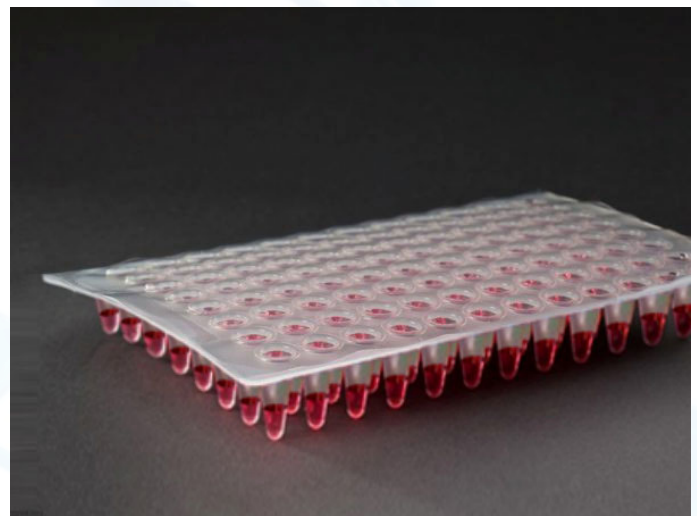
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

Low temp seal test : Pass

Confirming the materials ability to resist low temperatures

Solvent : No

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


Features

Visual description	Very clear and thick plastic seal. The seals two sides are very similar, so care must be taken when sealing.
Application	qPCR, PCR, storage, sample inspection, disposal of hazardous materials, use with DMSO.
Physical properties	Flexible plastic, not easily creased upper feels very smooth, sealing surface on inside of roll and feels rougher to the touch. Temperature Range: -80°C to +110°C.
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. Five 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)
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