

PeelN Foil Strong Heat Sealing Films

Description :

A strong bonding foil to Polypropylene which is ideal for water thermal cyclers. The foil has good solvent resistance including DMSO and is peelable and non-pierceable.

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 : No

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

Peel : Pass

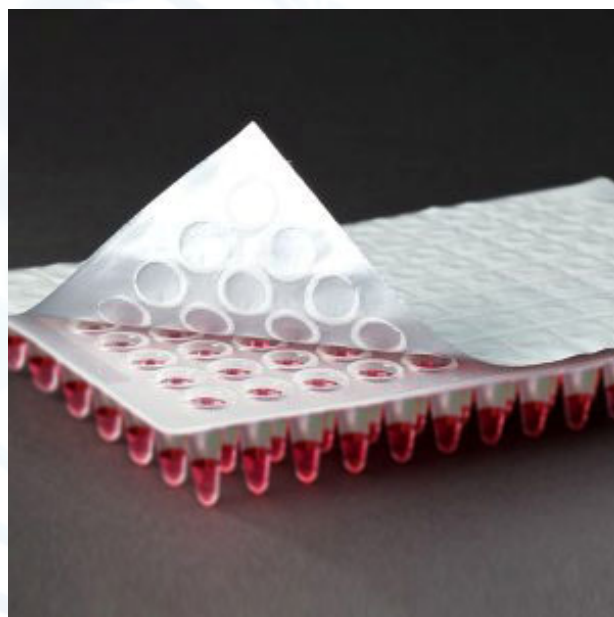
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

Low temp seal test : Pass

Confirming the materials ability to resist low temperatures

Solvent : Pass

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


Features

Visual description	Upper highly reflective metallic with a gloss finish. Seal side bur nished metal, duller but still shiny, less reflective.
Application	PCR, Storage of solvents and other organics. Long term storage. Transportation at low temperature.
Physical properties	Foil, thermal seal. Resistant to high and low temperatures. Thick, quite easy to crease but still flexible. Temperature Range: -200°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. 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)
Compatible sealing equipment	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
Dimensions	500m x 115mm

Units : 1 roll