

PierceNfoil Heat Sealing Films

Description :

A high grade foil with good solvent resistance including DMSO, easy sealing surface identification with multiple sealing and resealing properties. The seal is peelable, Polystyrene only and pierceable.

Validations :

Mass loss : Pass

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

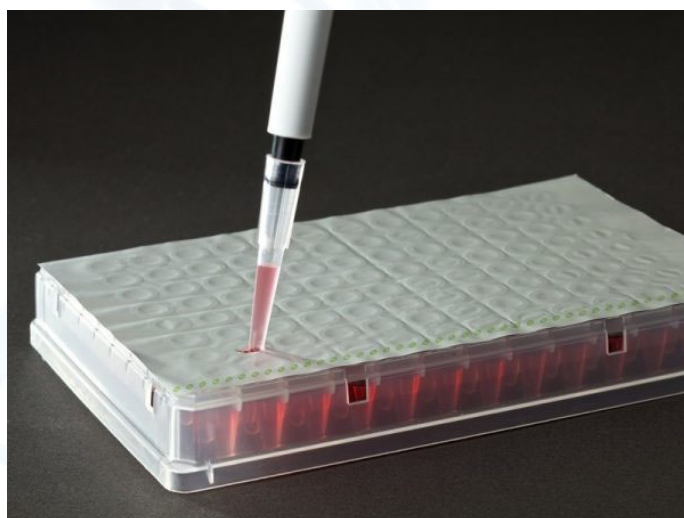
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

Low temp seal test : Pass

Confirming the materials ability to resist low temperatures

Solvent : Pass

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


Features

Visual description	Metallic reflective foil, with both sides appearing very similar. Printed line denotes upper surface.
Application	PCR, low temperature, short term room temperature compound storage and sample shipping.
Physical properties	Very flexible foil not easily creased. Temperature Range: -20°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 three years from the date of purchase. 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