

PeelN Foil ChemPlus Heat Sealing Films

Description :

A “stick to all” peelable, foil laminate heat-seal film which is suited for all plate types - PP, PS and COC. The film has a good liquid barrier and high resistance to solvents (DMSO). It is peelable (from -80oC freezer) and is 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	Metallic with upper surface gloss white. Seal surface metallic burnished foil.
Application	PCR, low temperature, short term compound storage, short term room temperature compound storage.
Physical properties	Flexible, not easily creased. Thicker than IST-104. 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. 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), Cyclo Olefin Copolymer (COC) and non-binding coated plates.
Compatible sealing equipment	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
Dimensions	500m x 115mm

Units : 1 roll