

## PeelINFoil Heat Sealing Films

**Description :**

A peelable, foil laminate heatseal film which is suited for Polypropylene plates. The film has a good liquid barrier and moderate resistance to solvents. It is peelable (from -80°C 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**

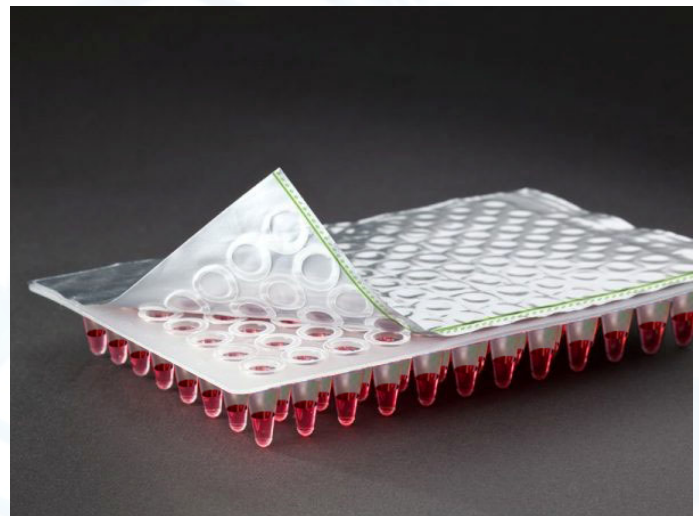
*Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment*

**Low temp seal test : Pass**

*Confirming the materials ability to resist low temperatures*

**Solvent : No**

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


**Features**

<b>Visual description</b>	Metallic with upper surface gloss white. Seal surface metallic burnished foil.
<b>Application</b>	PCR, low temperature, short term compound storage, mid term room temperature compound storage.
<b>Physical properties</b>	Flexible, not easily creased. Temperature Range: -80°C to +110°C
<b>Recommended storage conditions</b>	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.
<b>Sealing Temp + Dwell Times</b>	Temperature and Dwell Time: 175°C, 2 seconds
<b>Plate types</b>	Polypropylene (PP), welds to Polyethylene (PE) and certain Cyclo Olefin Copolymer (COC)
<b>Compatible sealing equipment</b>	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
<b>Dimensions</b>	610m x 78mm

**Units : 1 roll**