

## 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**

|                                       |   |
|---------------------------------------|---|
| <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, short term room temperature compound storage.  |
| <b>Physical properties</b>            | Flexible, not easily creased. Thicker than IST-104. 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 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. |
| <b>Sealing Temp + Dwell Times</b>     | Temperature and Dwell Time: 175°C, 2 seconds  |
| <b>Plate types</b>                    | Polypropylene (PP), Polyethylene (PE), Polystyrene (PS), Cyclo Olefin Copolymer (COC) and non-binding coated plates.  |
| <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**