

RBX-104 Heat Sealing Film: PeelASeal Foil™

Product Description

A peelable, foil laminate heat seal 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.

Visual Description

Metallic with upper surface gloss white. Seal surface metallic burnished foil.

Plate Types:

Polypropylene (PP), Polyethylene (PE), Polystyrene (PS), and some Cyclo Olefin Copolymer (COC)

Recommended Sealing Equipment:

Physical Properties

Flexible, not easily creased. Temperature Range: -80°C to +110°C

Application

PCR, low temperature, short term compound storage, midterm room temperature compound storage.

Suggested Parameters:

Temperature 175°C Time: 2 seconds.

Manual heat sealers, (hand fed type) & Automated roll-fed heat sealers:

Wildcat
Kbiosystems
Brooks / 4titude
Agilent

Test procedures

Mass Loss

Confirming the materials ability to resist high temperatures

Details:

Mass loss of solution evaluated after 30 cycles of 3 step PCR Programme.

Equipment:

ABI Thermocycler, Precision Balance.

Peel

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

Details:

Cohesive Failure, Adhesive Transfer, Material tear & Successful Peel are measured & recorded after a 180° peel test.

Equipment:

Instron 3343 Tensometer.

Low Temp. Test

Confirming the materials ability to resist low temperatures

Details:

Microplates are sealed at specified low temperatures & subjected to a series of tests to substantiate seal integrity.

Equipment:

Laboratory Cold storage unit.

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

| Ordering: | | | |
|---------------|------------------|--------------|----------------|
| Part Number | Format | Presentation | |
| RBX-1047801 | LabRoll™ | 1 Roll | 610M x 78 mm |
| RBX-1047801S | Sterile LabRoll™ | 1 Roll | 610M x 78 mm |
| RBX-10411501 | Sterile LabRoll™ | 1 Roll | 500M x 115 mm |
| RBX-10411501S | VII LabRoll™ | 1 Roll | 500M x 115 mm |
| RBX-1047802 | LabSheet™ | 100 Sheets | 125 mm x 78 mm |
| RBX-1047802S | LabSheet™ | 100 Sheets | 125 mm x 78 mm |
| RBX-1047801T | Trial LabRoll™ | 1 Roll | 5M x 78 mm |
| RBX-10411502T | Trial LabRoll™ | 1 Roll | 5M x 115 mm |
| RBX-1047802T | Trial LabSheet™ | 5 Sheets | 125 mm x 78 mm |

