

qPCRClearNPeel Heat Sealing Films

Description :

A clear film with good optical clarity and moderate solvent resistant properties. The film is peelable and nonpierceable.

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 : **Pass**

Determining the materials optical clarity by measuring the transmission of emissive dye through the material

Peel : **Pass**

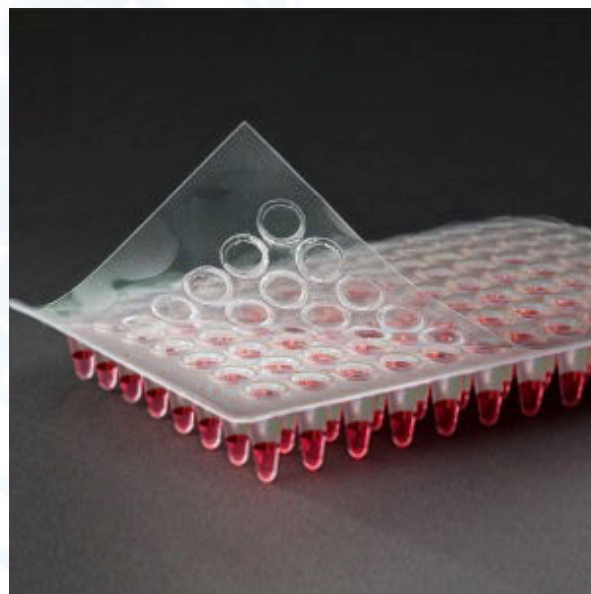
Measuring the materials permanence of adhesion & its ability to be removed, via extension measuring equipment

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

Visual description	Clear and thick plastic seal. Sealing surface on inside of roll and is less reflective.
Application	qPCR, short term compound storage.
Physical properties	Flexible plastic, difficult to crease, upper surface feels very smooth, sealing side has a slight rough feel. Temperature Range: -80°C to +80°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), Polyethylene (PE), Polystyrene (PS), Cyclo Olefin Copolymer (COC)
Compatible sealing equipment	* Manual heat sealers ** Automated roll-fed heat sealers *** Agilent VII Plateloc, REMP (LHS/SHS)
Dimensions	500m x 115mm

Units : 1 roll