

Optically Clear Film (qPCR)

Features

- Suitable for PCR / qPCR
- Ideal for fluorescence and colorimetric applications
- DMSO Resistant
- Peelable

A clear, polyester film with a hot-melt lacquer seal layer. This seal is peelable and may be removed by hand.

Compatible Plates

Suitable for use with polypropylene, polystyrene and polyethylene plates.

Storage

Store in a cool, dry environment, out of direct sunlight. Note that the optical clarity of the seal can be affected by moisture ingress during storage. It is recommended to use the seals within one year of opening.

Sealing Conditions

Seal with the shiny side up. 1.5–3.0 seconds at 170°C

Physical properties

Seal thickness: 125µm. Working temperature range: -80°C to 120°C

Applications

Ideal for fluorescence and colorimetric applications. Suitable for PCR or qPCR with screw or clip down heated-lid thermal cyclers only. Can be sterilised by gamma irradiation but this may affect the seal's optical clarity.

Resistance to DMSO

Provides adequate short-term resistance to 100% DMSO when stored at 4°C and below. The seal integrity will, however, be dependent on the seal quality, and care must be taken not to over seal as this may result in corruption of the sealing material.

Ordering Information

Cat. No.	Description	Pack Size
E2796-3020	Optically Clear Heat Sealing Film (qPCR)	100

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