

Easy Pierce Film (PCR)

Aluminium foil, coated with a heat-seal lacquer.

Features

- Suitable for PCR
- DMSO Resistant
- Piercable

Compatible Plates

Suitable for use with polypropylene and polyethylene plates.

Storage

Store in a cool, dry environment, out of direct sunlight.

Sealing Conditions

Seal with the shiny foil side up. Approx. 2.0–3.0 seconds at 165°C–180°C.
(Use settings in the lower end of the range for 384-well plates)

Physical properties

Seal thickness: 38µm

Working temperature range: -80°C to 80°C*

Pierce force: 6.6N (ASTM D1000)

*During PCR, the seals can withstand higher temperatures (120°C) provided that adequate support/pressure is applied by the thermal cycler lid.

Applications

Suitable for PCR and low temperature storage. Access samples by peeling or piercing the foil. A pierced seal may be resealed with another layer of Easy Pierce Heat-Sealing Film.

Resistance to DMSO

Provides adequate resistance to 100% DMSO when stored at room temperature 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
E2796-3090	Easy Pierce Heat Sealing Film (PCR), Silver	25

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