

Tel: +44 (0) 1306 884885 Fax: +44 (0) 1306 884886

### Clear Heat Seal 3730

**Description:** Thin polyester heat sealing film, easily pierceable with autosampler needles/ABI® 3730; suitable for PCR, qPCR and optical applications

**Composition:** Thin clear polyester backed film that seals to PP, PS, PE & COC plates. Not suitable for peeling.

**Seal Type:** Heat

**Ordering Information:**

4ti-0580	610m x 78mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer, Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube
4ti-0580/122	122m x 78mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer with optional dust cover
4ti-0582	500m x 115mm roll Compatible with Agilent (Velocity 11) PlateLoc®
4ti-0581	Roll of 1000 perforated sheets (125 x 78mm)

**Application:** QPCR and other optical applications such as fluorescence or colorimetric measurements. The thin nature of this seal enables it to be easily pierced with an auto sampler needle or the probe from the ABI 3730 sequencer.

**Certification:** Free from human genomic DNA, nucleases and pyrogens.

**Seal Integrity Range:** -20°C to 80°C or 110°C with pressurised PCR heated lid

**Storage Conditions:** Room temperature (10-27°C). Avoid direct exposure to light and high humidity.

**Material Safety Data:** Non-hazardous

**Schematic Overview:**



**Pierce Force:** ~6.0 N (ASTM D1000)

<b>Sealing Parameters<sup>^</sup></b>	96-well PCR Plate	165-175°C, 3 seconds
	384-well PCR Plate	165-175°C, 2 seconds
	Vision Plate™	175-185°C, 2-3 seconds

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**Physical  
Properties**

**Thickness:**

Polyester: 25.00µm  
Copolymer: 50.00µm

**Sealing  
Strength:**

>60 N/25mm

*^These are recommended sealing conditions with the 4s3™ heat sealer.*