

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

### Clear Weld Heat Seal Mark II

**Description:** Optically clear heat sealing film, non-peelable, difficult to pierce; suitable for qPCR, optical applications and storage.

**Composition:** Clear polyester film which forms a permanent weld-seal to PP. Good optical clarity and solvent resistance.

**Seal Type:** Heat

**Ordering Information:**

4ti-0573	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-0573/122	122 m x 78 mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer with dust cover
4ti-0574	500m x 115mm roll Compatible with Agilent (Velocity 11) PlateLoc®
4ti-0575	100 sheets (125mm x 78mm)
4ti-0575/FS	50 FrameSeal™ stackable frames

**Application:** PCR, especially water bath thermal cyclers. qPCR and other optical applications (e.g. fluorescence or colorimetric measurements).  
 Sample access possible with blade, needle or Pierce plate (4ti-0398)

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

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

**Material Safety Data:** Non-hazardous

**Schematic Overview:**



**Seal Integrity Range:** -80°C to 110°C

**Sealing Parameters^**

96-well PCR Plate	175-185°C, 2-3 seconds
384-well PCR Plate	170-175°C, 2-3 seconds
Vision Plate™	-

**Physical Properties:**

**Total Weight:** 57g/m<sup>2</sup>

Identification Number	SEV-0026	Revision	004	Effective Date	10/01/18
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<b>Thickness:</b>	Polyester:	19.00µm (±8.4%)
	Heat Seal Layer:	30.00µm (±5.3%)
<b>Sealing Strength:</b>	40 N/15mm	

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

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