

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

Foil Heat Seal

Description: Aluminium heat sealing foil, resealable, peelable, pierceable; suitable for compound storage, PCR

Composition: 30µm aluminium heat seal seals to PP and PS plates that can be pierced with a tip or peeled by hand. Good solvent resistance including DMSO. Resealing onto existing seal is possible. A red colour print identifies the non-sealing surface. Autoclavable

Seal Type: Heat

Ordering Information:

4ti-0535	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-0535/122	122m x 78mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer with optional dust cover
4ti-0535/REMP	610m x 78mm roll Compatible with REMP Portrait Heat Sealer (PHS)
4ti-0537	500m x 115mm roll Compatible with Agilent (Velocity 11) PlateLoc®
4ti-0537/REMP	500m x 115mm roll Compatible with REMP Landscape/Stacking Heat Sealers (LHS/SHS)
4ti-0536	100 sheets (125mm x 78mm)

Application: Low temperature compound storage, short term room temperature compound storage, PCR

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: -20°C to 110°C

Sealing Parameters^ 96-well PCR Plate 165-180°C, 2 seconds

Identification Number	SEV-0017	Revision	004	Effective Date	19/01/18
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384-well PCR Plate 165-175°C, 2-3 seconds

Vision Plate™ 185-200°C, 3 seconds

Physical Properties

Thickness:	Laquer:	1.5g/m ² (±40%)
	Aluminium:	30.00µm (±5%)
	Heat Seal laquer:	3.5g/m ² (±25%)
Sealing Strength:	>5 N/15mm	

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