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Pierce Seal Strong

Description: A foil-based heat seal that heat seals to PP and COC plates and can be easily pierced with a tip. It is also Peelable from COC, but forms a weld seal with PP. Very good solvent resistance, including DMSO.

Seal Type: Heat

Ordering Information:

4ti-0538	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-0539	500m x 115mm roll Compatible with Agilent (Velocity 11) PlateLoc®
4ti-05381	100 sheets (125mm x 78mm)
4ti-05381/RA	100 sheets, Random Access seals with 96 individual

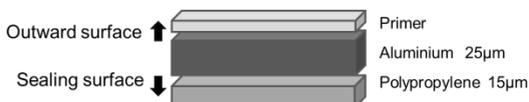
Application: PCR, compound storage, sample shipping

Certification: Free from human genomic DNA, RNA, 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 120°C

Sealing Parameters[^]

96-well PCR Plate	170-180°C, 2 seconds
384-well PCR Plate	170-180°C, 2 seconds
UltraVision Plate™ (COC)	180-200°C, 3 seconds

Physical Properties

Thickness:	Primer: 1.0g/m ² (±40%)
	Aluminium: 25.00µm (±8%)
	Polypropylene: 15.00µm (±10%)

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