



Parameter	Specification	
Description	A foil-based heat seal that heat seals to PP and PS plates and can be easily pierced with a tip. Very good solvent resistance, including DMSO. Seals can be applied on top of each other allowing multiple access/resealing of samples. Not recommended for peeling. A colour print identifies the non-sealing surface.	
Seal Type	Heat.	
Ordering Information	4ti-0530	610 m x 78 mm roll Compatible with Automated Roll Heat Sealer / Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube
	4ti-0530/122	122 m x 78 mm roll Compatible with Automated Roll Heat Sealer / Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube
	4ti-0530/REMP	610 m x 78 mm roll Compatible with REMP Portrait Heat Sealer (PHS)
	4ti-0532	500 m x 115 mm roll Compatible with Agilent (Velocity 11) PlateLoc®
	4ti-0532/REMP	500 m x 115 mm roll Compatible with REMP Landscape/Stacking Heat Sealers (LHS/SHS)
	4ti-0531	100 sheets (125 mm x 78 mm)
	4ti-0531/RA	100 sheets with 96 individual foil discs (127 mm x 100 mm)
	4ti-0531/GR	100 sheets (125 mm x 78 mm), with printed grid reference
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.	



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Schematic Overview			
Seal Integrity Range	-20 °C to 120 °C.		
Sealing Parameters^	96-well PCR Plate	160-175 °C, 2 seconds	
	384-well PCR Plate	160-175 °C, 2 seconds	
	Vision Plate™	185-200 °C, 3 seconds	
Physical Properties	Thickness	Laquer Aluminium Heat Seal laquer	1.0g/m <sup>2</sup> (±40%) 20.00 µm (±8%) 3.5g/ m <sup>2</sup> (±25%) (±10%)
	Sealing Strength	>5 N/15 mm	

*\*These are recommended sealing conditions for the 4s3™ heat sealer.*