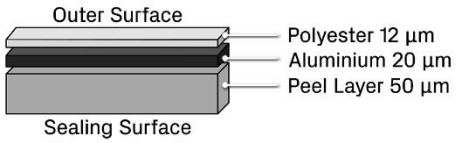
Parameter	Specification		
Description	Solvent resistant heat-sealing foil, peelable; suitable for low and room temperature compound storage.		
Composition	Aluminium based heat seal that bonds to PP and COC. Can be peeled directly from the freezer. Good barrier resistance to aqueous solutions and solvents especially DMSO even at room temperature. Forms a weld seal to Polyethylene plates.		
Seal Type	Heat.		
Ordering Information	4ti-0585	500 m x 78 mm roll Compatible with Automated Roll Heat Sealer, Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube.	
	4ti-0585/100	100 m x 78 mm roll Compatible with Automated Roll Heat Sealer with optional dust cover	
	4ti-0585/REMP	500 m x 78 mm roll Compatible with REMP Portrait Heat Sealer (PHS)	
	4ti-0586	500 m x 115 mm roll Compatible with Agilent (Velocity 11) PlateLoc®	
	4ti-0586/REMP	500 m x 115 mm roll Compatible with REMP Landscape/Stacking Heat Sealers (LHS/SHS)	
	4ti-0587	100 sheets (125 mm x 78 mm) supplied on perforated roll	
Application	Low and room temperature compound storage.		
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 40 °C.		
Sealing Parameters^	96-well PCR Plate		175-185 °C, 2 seconds
	384-well PCR Plate		170-175 °C, 2-3 seconds

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Parameter	Specification		
	Vision Plate™		
Physical Properties	Thickness	Polyester Aluminium Peel Layer (PE)	12.00 µm 20.00 µm 50 µm
	Total weight	121g/m^2	
	Tensile Strength	40N/cm	
	Sealing Strength	>30N/cm	(±5%)
	Water Vapour Transmission Rate	<0.1g/m^2	38 °C and 90% RH
	Oxygen Transmission Rate	<0.1ml/m^2	23 °C and 60% RH

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

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