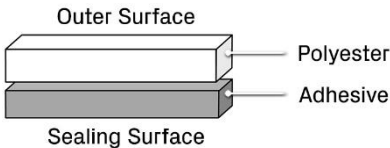




Parameter	Specification		
Description	Clear Polyester backed film forming a peelable seal to PP, PS and COC plates. Peelable.		
Seal Type	Heat.		
Ordering Information	4ti-0548	250 m x 115 mm roll Compatible with Agilent (Velocity 11) PlateLoc®	
	4ti-05481	125 x 78 mm, 100 sheets per pack	
	4ti-0549	250 m x 78 mm roll Compatible with Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube	
Application	Suitable for sealing of microplates during homogenization or disruption of seeds or other materials. Suitable for short term storage.		
Certification	Free from human DNA, DNase and RNase.		
Storage Conditions	Room temperature (10-27 °C). Avoid direct exposure to light and high humidity.		
Material Safety Data	Non-hazardous.		
Schematic overview	 <p>The diagram shows a cross-section of the seal. The top layer is labeled 'Outer Surface' and is made of 'Polyester'. The bottom layer is labeled 'Sealing Surface' and is made of 'Adhesive'.</p>		
Seal Integrity Range	-80 °C to 80 °C or 110 °C with pressurised PCR heated lid.		
Physical Properties	Thickness	Polyester Aluminium Copolymer adhesive Total thickness	100.0 µm (±5%) 75.00 µm (±5%) 175 µm (±5%)
	Colour	Clear	
	Surface Dyne Level	Good	
	Acid Resistance	Good (mild acids only)	
	Alkali Resistance	Good	
	Oil Resistance	Good	
	Light Stability	Very good. 35 years at 500 lux	
	Yellowing:	None	
	Applications	Indoor	extreme conditions
	Outdoor	mild conditions	
Sealing Strength	3-5N/15 mm		

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

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