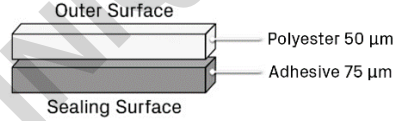
Parameter	Specification			
Description	Peelable heat sealing film, optically clear, with 3 mm slits for gas transfer; suitable for insect studies, seed storage.			
Composition	Clear Polyester backed film forming a peelable seal to PP and PS plates. 3mm slits across the entire width of the roll or sheet.			
Seal Type	Heat.			
Ordering Information	4ti-0540/SLIT	450m x 78mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer, Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube.		
	4ti-0541/SLIT	100 sheets (125mm x 78mm)		
Application	Gas permeable heat seal, suitable for insect studies, seed 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 110 °C			
Sealing Parameters	96-well PCR Plate	175-185 °C, 2-3 seconds		
	384-well PCR Plate	165-180 °C, 3 seconds		
Sealing Parameters	Vision Plate™	185-200 °C, 3 seconds		
Physical Properties	Thickness	Polyester: Co-Polymer Adhesive: Total:	50.00 µm (±5%) 75.00 µm (±5%) 125.00 µm (±5%)	
	Surface Dyne Level	Good		
	Acid Resistance	Good (mild acids only)		
	Alkali Resistance	Good		
	Heat Resistance	-25 °C to 115 °C		
	Oil Resistance	Good		
	Light Stability	Very good (35 years at 500 lux)		

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Parameter	Specification		
	Yellowing	None	
	Applications	Indoor: Outdoor:	Extreme conditions Mild conditions
	Operating Temperature	90 °C to 110 °C	
	Sealing Temperature	3-5 N/15 mm	

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

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