Parameter	Specification	
Description	Optically clear heat-sealing film, non-peelable, difficult to pierce, suitable for qPCR, optical applications, and storage.	
Composition	Clear polyester film which forms a permanent weld-seal to PP. Good optical clarity and solvent resistance.	
Seal Type	Heat.	
Ordering Information	4ti-0573	610 m x 78 mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer, Thermo Fisher ALPS 300™ / ALPS 3000™ / KBiosystems Wasp™, KBioscience FlexiSeal and Cube
	4ti-0573/122	122 m x 78 mm roll Compatible with 4titude® a4S Automatic Roll Heat Sealer with dust cover
	4ti-0574	500 m x 115 mm roll Compatible with Agilent (Velocity 11) PlateLoc®
	4ti-0575	100 sheets (125 mm x 78 mm)
Application	PCR, especially water bath thermal cyclers. qPCR and other optical applications (e.g. fluorescence or colorimetric measurements). Sample access possible with blade, needle, or Pierce plate (4ti-0398).	
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	170-175 °C, 2-3 seconds
	Vision Plate™	
Physical	Total Weight	57 g/m²

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Parameter	Specification	
Properties	Thickness	Polyester: 19.00 µm (±8.4%) Heat Seal Layer: 30.00 µm (±5.3%)
	Sealing Strength	40 N/15 mm

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

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