
 AZENTA LIFE SCIENCES	MICROPLATE SEAL DATA SHEET	SEV-0008 REVISION B 14 SEP 2023
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Parameter	Specification		
Description	Low strength adhesive film, transparent, peelable; suitable for short term storage.		
Composition	Polypropylene film coated on one side with an acrylic based adhesive, covered with a paper release liner with end tab.		
Seal Type	Adhesive.		
Ordering Information	4ti-0510	100 sheets (135 mm x 80 mm)	
Application	General microplate seal to reduce sample evaporation and eliminate dust contamination.		
Certification	Free from human genomic DNA, RNA, nucleases and pyrogens.		
Sealing Technique	For all adhesive seals the best sealing results are achieved using the handheld pressure roller (4ti-0502) or seal applicator (4ti-0503).		
Seal Integrity Range	-20 °C to 80 °C.		
Storage Conditions	Room temperature. Avoid direct exposure to light and high humidity.		
Material Safety Data	Non-hazardous.		
Schematic Overview	<div><div><div>Outer Surface</div><div></div><div>Sealing Surface</div></div><div><div>Polypropylene 30 µm</div><div>Adhesive 22 µm</div><div>Liner</div></div></div>		
Physical Properties	Thickness	Polypropylene Acrylic adhesive Seal	30 µm 22 µm 52 µm (without liner)
	Weight	1.8 g	Including liner

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