



Parameter	Specification		
Description	Peelable, non-sterile.		
Composition	Double sided acrylic adhesive microplate film with 96 perforations and a single sided silicone liner and a polyester film.		
Seal Type	Adhesive.		
Ordering Information	4ti-0519	100 sheets (148 mm x 98 mm) with sealing surface of 133 mm x 76 mm adhesive surface	
Application	Ideal for kit manufacturers to allow flexible access to individual wells. Optimized for use with Vari Plates and Break-A-Way plates.		
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).		
Seal Integrity Range	-20 °C to 110 °C (with pressurised heated PCR lid)		
Storage Conditions	Room temperature. Avoid direct exposure to light and high humidity.		
Material Safety Data	Non-hazardous		
Schematic Overview	<p>Outer Surface</p> <p>Polyester 50 µm</p> <p>Adhesive 205 µm</p> <p>Liner 138 µm</p> <p>Sealing Surface</p>		
Physical Properties	Thickness	Polyester Adhesive Liner Total	50 µm (±10%) 205 µm (±5%) 138 µm (±10%) 393 µm (±10%)
	Colour	Polyester & Adhesive Liner	Clear White
	Tensile Strength	Polyester Adhesive Liner	225 N/mm ² ≥30 N/15 mm 6.4 MD(kN/m) 3.4 TD (kN/m)
	Elongation	Polyester Adhesive	150% ≥50%
	Tear Strength	Liner	800 MD (m/N) 960 TD (m/N)
	Adhesion to Steel	Adhesive	10.0 N/cm

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DOUBLE SIDED DATA SHEET

SEV-0034
REVISION B
14 SEP 2023

Parameter	Specification		
	Ageing Resistance (UV)	Very good	
Physical Properties	Shrinkage (30 min @ 150° C)	Polyester	0.50% MD 0.25% TD

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

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