

CELL CULTURE ADHESIVE SEAL DATA SHEET

SEV-0012 REVISION B 14 SEP 2023

Parameter		Specification			
Description		Gas-permeable adhesive seal, peelable suitable for cell culture.			
Composition		Non-woven fibre with an acrylate adhesive.			
Seal Type		Adhesive.			
		4ti-0517	100 sheets (135 mm x 80 mm)		(135 mm x 80 mm)
Ordering Information		4ti-0517/S	Т	100 sheets, STERILE (10 packs of 10 sheets, 135 mm x 80 mm)	
Application		Bacterial cell culture and overnight incubations. Note: Due to its paper-based material it should not be used in wet conditions (shaking applications).			
Certification		Free from human genomic DNA, nucleases and pyrogens.			
Sealing Technique		For all adhesive seals, the best sealing results are achieved using the handheld adhesive seal roller (4ti-0502) or seal applicator (4ti-0503).			
Storage Conditions		Room temperature (10-27 °C). Avoid direct exposure to light and high humidity.			
Material Safety Data		Non-hazardous.			
Schematic Overview	Outer Surface Non-woven fiber 140 Adhesive Liner Sealing Surface				
Moisture Transfer Rate	4200g/m ² /day.				
Air Porosity	10sec/100cc/in ²				
Seal Integrity Range	-20°C to 40°C.				
	Thickness		Non-wover Adhesive Liner		140 µm Acrylate adhesive 120 µm
Physical Properties	Adhesion to Steel Tensile Stre at break		4.7 N/25 22.2 N/25		

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

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