



Parameter		Specification	
Description		Gas-permeable adhesive seal, peelable suitable for cell culture.	
Composition		Non-woven fibre with an acrylate adhesive.	
Seal Type		Adhesive.	
Ordering Information		4ti-0517	100 sheets (135 mm x 80 mm)
		4ti-0517/ST	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		<p style="text-align: center;">Outer Surface</p> <p style="text-align: center;">Non-woven fiber 140 µm Adhesive Liner</p> <p style="text-align: center;">Sealing Surface</p>	
Moisture Transfer Rate		4200g/m ² /day.	
Air Porosity		10sec/100cc/in ²	
Seal Integrity Range		-20 °C to 40 °C.	
Physical Properties		Thickness	Non-woven fiber: Adhesive Liner
		Adhesion to Steel	4.7 N/25 mm
		Tensile Strength at break	22.2 N/25 mm
			140 µm Acrylate adhesive 120 µm

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