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### Air-O-Seal Gas Permeable Seal

**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 (135mm x 80mm)
4ti-0517/ST	100 sheets, STERILE (10 packs of 10 sheets, 135mm x 80mm)

**Application:** Bacterial cell culture and overnight incubations.  
 Note: Due to its paper-based material it should not be used in wet conditions (shaking applications).

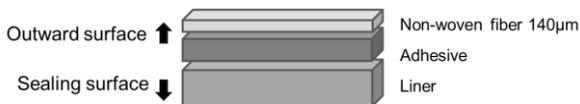
**Certification:** Free from human genomic DNA, nucleases and pyrogens.

**Sealing Technique:** For all adhesive seals, the best sealing results are achieved using the hand-held 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:**



**Moisture Transfer Rate:** 4200g/m<sup>2</sup>/day

**Air Porosity:** 10sec/100cc/in<sup>2</sup>

**Seal Integrity Range:** -20°C to 40°C

**Physical Properties**

<b>Thickness:</b>	Non-woven fibre: 140µm Adhesive: Acrylate adhesive Liner: 120µm
<b>Adhesion to steel</b>	4.7N/25mm
<b>Tensile Strength at break</b>	22.2N/25mm