

Tel: +44 (0) 1306 884885 Fax: +44 (0) 1306 884886

## InterSeal

**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 (148mm x 98mm) with sealing surface of 133mm x 76mm adhesive surface

**Application:** Ideal for kit manufacturers to allow flexible access to individual wells. Optimized for use with VariPlates and Break-A-Way plates.

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

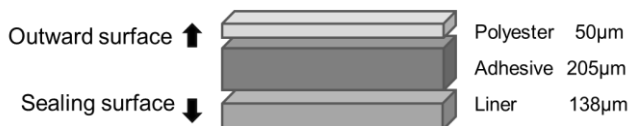
**Sealing Technique:** For all adhesive seals the best sealing results are achieved using the hand held pressure roller (4ti-0502).

**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:**



**Physical Properties:**

<b>Thickness:</b>	Polyester: 50µm Adhesive: (±10%) Liner: 205µm <i>Total:</i> (±5%) 138 µm (±10%) 393µm (±10%)
<b>Colour:</b>	Polyester & Adhesive: Clear Liner: White
<b>Tensile Strength:</b>	Polyester: 225 N/mm <sup>2</sup> Adhesive: ≥30 N/15mm Liner: 6.4 MD

<b>Identification Number</b>	<b>SEV-0034</b>	<b>Revision</b>	<b>001</b>	<b>Effective Date</b>	<b>13/03/14</b>
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		(kN/m) 3.4 TD (kN/m)
<b>Elongation:</b>	Polyester: Adhesive:	150% ≥50%
<b>Tear Strength:</b>	Liner:	800 MD (m/N) 960 TD (m/N)
<b>Adhesion to Steel:</b>	Adhesive:	10.0 N/cm
<b>Ageing Resistance (UV):</b>		Very good
<b>Shrinkage (30 min @ 150°C)</b>	Polyester:	0.50% MD 0.25% TD