

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

Pierceable Film

Description: Strong adhesive seal cross-cut windows, peelable, pierceable; suitable for 96 well plates (auto samplers, HPLC, sequencers)

Composition: Single sided polyester pad consisting of printed or non-printed polyester film and acrylic adhesive, laminated to a single sided silicone liner. 96 cross-cut, adhesive-free windows for sample retrieval with a tip or probe.

Seal Type: Adhesive

Ordering Information: 4ti-0566 | 100 sheets (137mm x 77mm)

Application: Sample application or retrieval in 96-well plates (auto samplers, HPLC, DNA sequencers). Reduced evaporation with auto-samplers

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

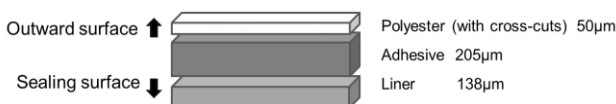
Sealing Technique: For all adhesive seals the best sealing results are achieved using the hand held pressure roller (4ti-0502) or seal applicator (4ti-0503).

Seal Integrity Range: -20°C to 110°C

Storage Conditions: Room temperature. Avoid direct exposure to light and high humidity.

Material Safety Data: Non-hazardous

Schematic Overview:



Outward surface ↑ Polyester (with cross-cuts) 50µm
 Adhesive 205µm
 Sealing surface ↓ Liner 138µm

Physical Properties:

Thickness:	Polyester: 50µm (±10%) Adhesive: 205µm (±5%) Liner: 138 µm (±10%) <i>Total: 393µm (±10%)</i>
Colour:	Polyester & Adhesive: Clear Liner: White
Tensile Strength:	Polyester: 225 N/mm ² Adhesive: ≥30 N/15mm Liner: 6.4 MD (kN/m) 3.4 TD (kN/m)
Elongation:	Polyester: 150% Adhesive: ≥50%
Tear Strength:	Liner: 800 MD (m/N) 960 TD (m/N)
Adhesion to Steel:	Adhesive: 10.0 N/cm

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