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### Polystyrene Foil Heat Seal

**Description:** Peelable heat sealing foil, seals to polystyrene plates, resealable, pierceable; suitable for compound storage

**Composition:** Aluminium based seal that bonds to PS and can be pierced with a tip or peeled by hand. Good solvent resistance including to DMSO. Resealing onto existing seal is possible.

**Seal Type:** Heat

**Ordering Information:**

|              |  |
|--------------|--|
| 4ti-0545     | 1 roll (610M x 78mm)<br>Compatible with 4titude® a4S Automatic Roll Heat Sealer / Thermo Fisher ALPS 300™ and ALPS 3000™<br>KBiosystems Wasp™ / KBioscience FlexiSeal and Cube |
| 4ti-0545/122 | 1 roll (1000 seals) for a4S<br>Compatible with 4titude® a4S Automatic Roll Heat Sealer with optional dust cover  |
| 4ti-0546     | 1 roll (500M x 115mm)<br>Compatible with Agilent (Velocity 11) PlateLoc®   |
| 4ti-0547     | 100 sheets (125mm x 78mm)  |

**Application:** Low temperature compound storage, short term room temperature compound storage, PCR

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

**Storage Conditions:** Room temperature (10-27°C). Avoid direct exposure to light and high humidity.

**Material Safety Data:** Non-hazardous

**Schematic Overview:**



**Seal Integrity Range:** -80°C to 120°C

**Sealing Parameters<sup>^</sup>**

|                    |                      |
|--------------------|----------------------|
| 96-well PCR Plate  | -                    |
| 384-well PCR Plate | -                    |
| Vision Plate™      | 185-200°C, 3 seconds |

**Physical Properties**

|                      |  |
|----------------------|--|
| <b>Thickness:</b>    | Primer: 1.0g/m <sup>2</sup><br>Aluminium: 20.00µm (±8%)<br>Heat Seal laquer: 7g/m <sup>2</sup> |
| <b>Total weight:</b> | 62g/m <sup>2</sup>   |

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

|                       |          |          |     |                |          |
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| Identification Number | SEV-0021 | Revision | 004 | Effective Date | 06/02/18 |
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