# Thermo Scientific Gas Permeable Adhesive Seals

**Description:** The Gas Permeable Adhesive Seal provides a simple and reliable way for venting cultures whilst acting as a barrier against contaminating bacteria. When used in conjunction with ABgene’s Deep Well Plates, bacterial growth can be increased by over 50%, compared to plates sealed with an aluminium foil seal or a sealing mat. It is possible to apply other adhesive seals and lids over the Gas Permeable Seal, thus allowing safe storage of cultures and samples where required.

**Ordering Information:**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB-0718</td>
<td>Gas Permeable Adhesive Seals</td>
<td>50 sheets</td>
</tr>
<tr>
<td>AB-2718</td>
<td>Gas Permeable Adhesive Seal Roll</td>
<td>150m roll</td>
</tr>
<tr>
<td></td>
<td>for GAS PERMEABLE SEAL-IT 100™</td>
<td></td>
</tr>
<tr>
<td>AB-0718/s</td>
<td>Gas Permeable Adhesive Seal sample</td>
<td>2 sheets</td>
</tr>
</tbody>
</table>

**Sheet Size:**

- 130mm x 80mm (complete)
- 122mm x 80mm (with the application strip removed)

**Storage:** Store in a cool, dry place. Avoid exposure to direct sunlight. It is recommended to use the seals within one year from date of purchase.

**Physical Properties:**

- Seal thickness: 170µm (without release liner)
- Porosity (air): 15.5ml / cm² in 15 seconds (max)
- Temperature range: -30°C to 120°C

**Sealing:** AB-2718: For recommended sealing conditions please refer to the GAS PERMEABLE SEAL-IT 100™ Instruction Manual.

**Note:** The Gas Permeable Adhesive Seal is not suitable for use with heptane, MEK and some alcohols, as the adhesive in the seal may begin to dissolve.

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Literature Code: AB-0718-v9