3M™ AbThera™ Advance
Open Abdomen Dressing

The next generation in temporary abdominal closure
In a comparative study of 4 healthy pigs with an open abdominal wound that were treated with either 3M™ AbThera™ SensaT.R.A.C.™ Open Abdomen Dressing or 3M™ AbThera™ Advance Open Abdomen Dressing at -125mmHg for 5 minutes, results showed that the AbThera Advance Dressing showed a difference in the following:

- **No correlation to human use**
- **31% increase in overall tissue movement.** (N=82, p<0.005)
- **39% increase in skin movement.** (N=42, p<0.05)
- **20% increase in fascia movement.** (N=40, p<0.05)
- **No change in intra-abdominal pressure was observed when negative pressure was applied in this study.**

### Featuing 3M™ AbThera™ Advance Perforated Foam

Under negative pressure, the unique configuration of the AbThera Advance Perforated Foam is designed to collapse medially while maintaining its vertical rigidity. It actively facilitates drawing wound edges together.

### Pre-clinical evidence

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### 3M™ AbThera™ Open Abdomen Negative Pressure Therapy mechanism of action

- Actively removes fluid and reduces edema
- Provides medial tension which helps minimize fascial retraction and loss of domain
- Provides separation between the abdominal wall and viscera, protecting abdominal contents
- Helps protect abdominal contents from the external environment
- Allows for rapid access for re-entry and does not require sutures for placement
**Key components**

1. **3M™ AbThera™ Fenestrated Visceral Protective Layer**
   - Manifolds negative pressure throughout abdomen.
   - Enhances fluid removal from paracolic gutters.
   - Provides separation between abdominal wall and viscera, and protects abdominal contents.

2. **3M™ AbThera™ Advance Perforated Foam**
   - Actively facilitates drawing wound edges together by collapsing medially under negative pressure.

3. **3M™ V.A.C.® Drape**
   - Provides a closed system to help isolate and protect abdominal contents from external environment.

4. **3M™ SensaT.R.A.C.™ Pad**
   - Facilitates fluid removal from dressing.
   - Provides monitoring of negative pressure during therapy.

5. **Negative Pressure Therapy Unit**
   - Continuous negative pressure is provided by the 3M™ V.A.C.® Ulta Therapy Unit (not for use with instillation).
   - To accommodate levels of fluid removal, 500ml and 1000ml canisters are available.
### 3M™ AbThera™ Advance Open Abdomen Dressing Kit specifications

**Sterile, Latex Free**

**Shelf life** 3 years at room temperature

### 3M™ AbThera™ Advance Perforated Foam

**Dimensions** 380mm (l) x 250mm (w) x 16mm (d)

### 3M™ AbThera™ Fenestrated Visceral Protective Layer

**Dimensions** 665mm x 802mm

**Encapsulated Foam Thickness** 10mm

**Polyurethane Layer Thickness** 160 microns

### Ordering information

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<tr>
<th>Description</th>
<th>Item number</th>
<th>Qty.</th>
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<td>3M™ AbThera™ Advance Open Abdomen Dressing (Includes 3M™ AbThera™ Fenestrated Visceral Protective Layer, (2) 3M™ AbThera™ Advance Perforated Foam, (4) 3M™ V.A.C.® Drapes, and 3M™ AbThera™ SensaT.R.A.C.™ Open Abdomen Dressing)</td>
<td>ABT1055</td>
<td>5 per case</td>
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For use with negative pressure therapy provided only by the 3M™ V.A.C.® Ultra Therapy Unit

For more information, please contact your local 3M representative.

### References


### Note:

Specific indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.