Breathable Medical Films
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CCT's range of breathable films are designed to meet the needs of a variety of medical applications; improving healing rates, and providing a flexible, conformable product suitable for many skin adhesion applications.

We offer products with a range of casting sheets, including films and paper. We also have many different hypoallergenic acrylic adhesives, with tailored tack and MVTR levels.

As always, our product flexibility and customization allows us to create a product to match your needs.

Applications include:
- IV dressings
- Advanced wound care
- Incise dressings and drapes
- Negative Pressure Wound Therapy
- Long wear applications

Versatile product toolkit

Our product range includes films with a selection of different moisture vapor transmission rates. This, coupled with our broad adhesive selection, allows a tailored match to the performance requirements of your application.

Skin safety

All of the adhesives used in our medical products have been thoroughly tested for irritation and sensitization, and cytotoxicity and are compliant with ISO 10993. We use acrylic adhesives and synthetic rubber adhesives, all of which are latex free.

Sterilization

Our release liners and adhesives are stable when exposed to gamma (30, 60 and 90 kGy) and ethylene oxide (EtO) sterilization processes.
Typical Performance Properties

<table>
<thead>
<tr>
<th>Series</th>
<th>Available constructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tack acrylic adhesive (1.2 mils)</td>
<td>MDUF9000-20PE-60: 1 mil PU on PE carrier</td>
</tr>
<tr>
<td></td>
<td>MDUF9001-80-60: 1 mil PU on paper carrier</td>
</tr>
<tr>
<td>Medium tack acrylic adhesive (1.2 mils)</td>
<td>MDUF9003-20PE-60: 1 mil PU on PE carrier</td>
</tr>
<tr>
<td></td>
<td>MDUF9004-80-60: 1 mil PU on paper carrier</td>
</tr>
<tr>
<td>High MVTR acrylic adhesive (1.2 mil)</td>
<td>MDUBUF912-56: 1 mil copolyester on BOPP carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>MVTR (g/m²/24h)</th>
<th>20 min Peel (lbf/in)</th>
<th>Tensile Strength (lbf/in)</th>
<th>Elongation (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDUF9000-20PE-60</td>
<td>460</td>
<td>6.3</td>
<td>5.3</td>
<td>290</td>
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<tr>
<td>MDUF9001-80-60</td>
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<tr>
<td>MDUF9003-20PE-60</td>
<td>670</td>
<td>3.5</td>
<td>5.3</td>
<td>290</td>
</tr>
<tr>
<td>MDUF9004-80-60</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MDUBUF912-56</td>
<td>2100</td>
<td>3.1</td>
<td>2.2</td>
<td>224</td>
</tr>
</tbody>
</table>

Polyurethane films on PET casting sheets are also available.

All products are supplied on a 50# single coated paper liner. Other custom options are available. Maximum roll widths: 60” for MDUF9000-9004 grades and 56” for MDUBUF912.

TESTING NOTES:
1. MVTR was measured using an upright cup test method at 38°C and 25% relative humidity, with a 24 hour test time.
2. These data should not to be used for setting specifications.

Wear test performance

All CCT Breathable Film products performed well in five day wear tests.

- No skin irritation during wear
- All dressings remained attached
- No mass transfer of adhesive on dressing removal
Put the CCT Advantage to work for you.

We partner closely with our customers in order to provide them with:

- Best in class **quality**
- **Flexibility** in product offering
- Significant **customization**
- **Creativity** and problem solving
- **Speed** of response
- Competitive **economics**