Supporting Businesses Globally

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Today, more than 65 years later, this spirit is still what sets FLEXcon apart. Proudly serving industries from Packaging to Electronics and from Transportation to Healthcare, FLEXcon is a trusted manufacturing partner to help take your innovative ideas from concept to reality. FLEXcon has been supplying the Healthcare industry with adhesives, tapes, films, and coating technologies for over 35 years for applications that support Patient Care, Pharmaceuticals, Diagnostics and Consumer Wellness.

FLEXcon® dermaFLEX™ skin-friendly materials are intended for device attachment to the body. dermaFLEX™ adhesives have been tested for biocompatibility (skin irritation, sensitization, and cytotoxicity) by FLEXcon’s adhesive suppliers using ISO-10993 or similar test methods.*

Choose from three tiers of adhesion: Gentle Release, General Use, or Long-Term Wear, as well as a variety of finished formats, including single-coated, double-coated, and transfer tapes.

Choose from standard product offerings, or create your own unique combination of flexible films and skin-friendly adhesives that are optimized for your specific application needs.

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Three Tiers of Adhesion

Flexible Substrates

Gentle Release

General Use

Long-Term Wear

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**Recommended Products**

- **Breathable**
  - **Peel**
  - **General Use**
  - **Extensible**
  - H-778
  - **Long-Term Wear**
  - **Peel**
  - H-566

**Stocked Products** include FLX006979 with a typical lead time of 1-3 business days. All other recommended products are Standard Constructions with a typical lead time of 10 business days.

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**Product Matrix**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Flexibility</th>
<th>Extensible</th>
<th>Breathable</th>
<th>Soft</th>
<th>Conformable</th>
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<tr>
<td><strong>Substrates</strong></td>
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<td>✔</td>
<td>✔</td>
<td>☑</td>
<td>☑</td>
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<tr>
<td>Tapes to secure</td>
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<td>✔</td>
<td>✔</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Transfer adhesive &amp; bonding adhesives for mounting &amp; bonding</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
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</tbody>
</table>

| Double-Face Type | Single Liner | | | | |
|------------------|--------------|---|---|---|
| ✔                | ✔            |   |   |   |

**Typical Applications**

- **Applications**
  - **Mounting & Bonding**
  - **Device Attachment**
  - **Monitoring**
  - **Wearables**

**Features & Benefits**

- **Product Matrix**
  - Our combination of flexible substrates and skin-friendly adhesives form a product portfolio that is suitable for a variety of applications.

**Adhesives**

<table>
<thead>
<tr>
<th>Gentile Release</th>
<th>General Use</th>
<th>Long-Term Wear</th>
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</thead>
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<tr>
<td>✔</td>
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<table>
<thead>
<tr>
<th><strong>Characteristics</strong></th>
<th><strong>FLX068279</strong></th>
<th><strong>FLX068289</strong></th>
<th><strong>FLX068290</strong></th>
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<td>✔</td>
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</tr>
</tbody>
</table>

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**Applications**

- **Typical Applications**
  - Mounting & Bonding
  - Device Attachment
  - Monitoring
  - Wearables

**Gentile Release**

- Extremely gentle removal
- Best for fragile skin
- Suitable for repeat use

**General Use**

- General purpose
- Moderately strong
- Best for non-sterile tubing & dressings to healthy skin

**Long-Term Wear**

- High-strength for extended wear
- Durable anchorage
- Suitable for challenging skin types such as diaphoretic or hairy skin
- Best for medical device attachment

**Features & Benefits**

<table>
<thead>
<tr>
<th>✔</th>
<th>✔</th>
<th>✔</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
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<td>✔</td>
</tr>
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</table>

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**Wearables**

- Allows moisture to pass through
- Breathable with gentle removal
- Gentle Release

**Transfer adhesive**

- Securely fastens, yet removes gently
- Extremely gentle removal

**Mounting**

- Secure anchorage with maximum flexibility
- High adhesion securement

**Device Attachment**

- Flexible overtapes for: EEG electrodes
- General-purpose overtape

**Monitoring**

- General-purpose monitoring
- General-purpose overtape

**Wearables**

- Flexible overtapes for: ECG electrodes
- General-purpose overtape

**Mounting**

- Ideal for roll-form converting

**Device Attachment**

- Ideal for medical devices to the body
- High-strength, secure adhesion to low surface energy plastics

**Wearables**

- Secure anchorage with maximum flexibility
- High adhesion securement

**Mounting**

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**Device Attachment**

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---

**Applications**

- **FLX068279** NNRU 100 CLEAR H-566
- **FLX068289** NNRU 100 CLEAR H-529
- **FLX068290** NNRU 100 CLEAR H-520
- **FLX068635** NWP 240 WHITE H-506
- **FLX043160** DFM 100 CLEAR H-778
- **FLX043343** NWP 240 WHITE H-566
- **FLX068635** TT 200 H-506
- **FLX068642** NNRU 100 CLEAR H-529
- **FLX068644** NNRU 100 CLEAR H-520
- **FLX068293** P.E.F. 32 WHITE H-778
- **FLX065697** P.E.F. 32 WHITE H-529
- **FLX068291** P.E.F. 32 WHITE H-520
- **FLX069112** P.E.F. 32 WHITE H-506

---

**Features & Benefits**

- Durable anchorage
- Secure anchorage
- Gentle release
- Extremely gentle removal
- Best for securing tubing
- Best for medical device attachment
- Best for medical device attachment

To request samples, please scan here
### Adhesives

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<td>H-506</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>General Use</td>
<td>H-520</td>
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<tr>
<td>Long-Term Wear</td>
<td>H-529</td>
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<td>H-556</td>
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<td>H-777</td>
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</tbody>
</table>

#### Features & Benefits
- **Gentle Release**
  - Excellent gentle removal
- **General Use**
  - General purpose
  - High strength for extended use
- **Long-Term Wear**
  - Excellent anchorage
  - Conformable urethane film
  - Allows moisture to pass through

#### Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Recommended Products</th>
<th>Features &amp; Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wearables</td>
<td>FLX006979 NNRU</td>
<td>Gentle release</td>
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<td></td>
<td>FLX043343 NWP</td>
<td>Excellent anchorage</td>
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<tr>
<td></td>
<td>FLX069014</td>
<td>Excellent anchorage</td>
</tr>
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#### Typical Applications
- **Flexible overtapes for:**
  - EEG electrodes
  - EMG electrodes
  - ECG electrodes
  - Ostomy bags
  - Catheter tubing
  - IV tubing
  - Pulse oximeters
  - Insulin pumps
  - Glucose monitors

- **Double-faced transfers for medical device attachment:**
  - Anchor medical devices to the body
  - Anchor conductive electrodes to body
  - Gentle release

- **Non-woven double face adhesive:**
  - Anchor conductive electrodes to body
  - Gentle release

- **Non-woven single face adhesive:**
  - Anchor medical devices to the body
  - High peel provides maximum adhesion to low surface energy plastics

- **Transfer adhesive for Repeatable mounting & bonding applications:**
  - Excellent peel with a gentle release for roll form covering

---

### Product Matrix

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Skin-Friendly Adhesives & Flexible Films

Flexible Substrates

Three Tiers of Adhesion

- Gentle Release: 2 days or less**
- General Use: 3-7 days**
- Long-Term Wear: 7+ days**

Flexible Substrates

- Premium Urethanes
- Nylon-Reinforced Urethane (NNU)
- Non-Wovens
- Soft Foams

Flexible Adhesive Substrates for Wearables

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