Help wearable electronic devices keep up with the times.

Even after the toughest workouts, this tape keeps working. It's resistant to sweat, corrosion, skin oils, water, sunscreen, perfume, humidity, household cleaners and more. It's time for an adhesive as advanced as your device.

Expect performance. Spec 3M.
Engineered to last.
Chemical resistant + reliable

You needed a better chemical-resistant adhesive for wearable devices. So we created 3M™ Chemical-Resistant Adhesive Transfer Tape 96105CR. Simply apply heat and lamination pressure for successful adhesion. This tape won’t interfere with your design — and it will stay strong, even when exposed to skin and the environment.

- Instant adhesion with higher lamination pressure and heat [<60°C (<140°F)]
- Superior consumer chemical-resistant performance
- High bond strength to high/medium surface energy substrates
- Versatile to work with wearable device designs, such as small and narrow die-cuts
- Produced on a clean room coater, so your finished design will stay free of dirt, dust and debris
It seals
Creates a waterproof seal to protect components.

It bonds
Resists contact with sweat, water and common chemicals.

It protects
Keeps sensitive electronics safe from damaging chemicals.

Bonds the lens piece to the watch base channel to create a chemical-resistant seal. See user guide for heat lamination process.

Other Applications Include:
- Touch panel bonding
- Flexible circuitry bonding
- Home button bonding
- Accessories bonding
- Keyboard bonding
- Volume button bonding
- Camera lens bonding
- Medical assembly and more

Resistant to consumer chemicals and more.
Product Selection and Use: Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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Manufactured on a clean room coater.
Please check the Low Temperature Heat Lamination User Guide for 3M™ Chemical Resistant Adhesive Transfer Tape 96015CR. 0.1mm and 0.15mm thickness are under development. Contact 3M for samples.

Product Information:

<table>
<thead>
<tr>
<th>3M™ Adhesive Transfer Tape</th>
<th>Total Thickness (without liner)</th>
<th>Adhesive Type</th>
<th>Adhesive Thickness</th>
<th>Release Liners</th>
<th>Short-Term Temperature Resistance</th>
<th>Long-Term Temperature Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>96105CR</td>
<td>0.05mm</td>
<td>Proprietary Chemical-Resistant Adhesive</td>
<td>0.05mm</td>
<td>Clear PET</td>
<td>149°C (300°F)</td>
<td>93°C (200°F)</td>
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Chemical-Resistant Performance:

<table>
<thead>
<tr>
<th>Rubbing Alcohol (common in cleaners)</th>
<th>Long Chain Fatty Acid (common in skin oil)</th>
<th>Sunscreen</th>
<th>Sebum</th>
</tr>
</thead>
<tbody>
<tr>
<td>96105CR</td>
<td>0.05mm</td>
<td>Proprietary Chemical-Resistant Adhesive</td>
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</tbody>
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Electronic Device Bonding
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