Light Cure Adhesive Innovations from HENKEL
Strong & Durable Bonds

High Strength & Durability
Low Viscosity
LED Curable (Fast & Tack-Free)
Highly Fluorescent

To learn more about Henkel’s newest light cure innovations visit na.henkel-adhesives.com/medicaladhesives or call us at: 1.800.LOCTITE (562.8483)
LOCTITE® AA 3961™ and AA 3963™ are the latest light cure innovations from HENKEL. They have been tested to Henkel's protocols based upon ISO-10993 biocompatibility standards, with certificates available on request. These medical device adhesives are ideally suited for the assembly of a variety of devices including but not limited to:

- Catheters
- Blood collection sets
- Syringes & lancets
- Drug delivery devices
- Anesthesia, epidural & insulin syringes
- Blood oxygenators
- Blood filters
- Heat exchangers
- Blood bowls
- Manifolds
- Blood pressure transducers

### KEY PROPERTIES*

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<thead>
<tr>
<th></th>
<th>AA 3961™</th>
<th>AA 3963™</th>
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<tbody>
<tr>
<td>Viscosity (cP)</td>
<td>60</td>
<td>300</td>
</tr>
<tr>
<td>Appearance (uncured)</td>
<td>Clear, colorless</td>
<td>Clear, colorless</td>
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<tr>
<td>Fluorescence (uncured/cured)</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Fixture Speed with 405 NM LED Curing System (secs)</td>
<td>&lt; 5</td>
<td>&lt; 5</td>
</tr>
<tr>
<td>Shear Strength on Polycarbonate Blocks (PSI)</td>
<td>3,000</td>
<td>3,400</td>
</tr>
<tr>
<td>Needle Pullout Strength on Polycarbonate Hubs &amp; 27 Gauge SS Needle (lb-f)</td>
<td>36</td>
<td>33</td>
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<tr>
<td>Shore Hardness (Shore D)</td>
<td>71</td>
<td>72</td>
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</tbody>
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*Estimated values. Please consult the LOCTITE® TDS for additional data and details.

### SURFACE TREATMENT:
Polylefins such as polyethylene (PE) and polypropylene (PP) are often used for disposable medical devices due to their low cost and versatile properties. Since PE and PP are difficult-to-bond plastics, it is common to treat the plastic before assembly to increase the pull strength. Corona, plasma and other pretreatment methods have been shown to increase bond strengths on difficult-to-bond materials when using LOCTITE® AA 3961™ or AA 3963™.

### ORDERING INFORMATION

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<thead>
<tr>
<th></th>
<th>AA 3961™</th>
<th>AA 3963™</th>
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<tbody>
<tr>
<td>25 ml Syringe</td>
<td>2464890</td>
<td>2483476</td>
</tr>
<tr>
<td>1 Liter Bottle</td>
<td>2464891</td>
<td>2483477</td>
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