**Instant Solutions**

**Product Selector Guide**

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### WHAT TYPE OF MATERIAL ARE YOU BONDING?

<table>
<thead>
<tr>
<th>Solution</th>
<th>All Other Materials (Except Glass)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Color</strong></td>
<td>Clear, Clear, Clear, Clear, Clear, Clear, Clear/Pale</td>
</tr>
<tr>
<td><strong>Gap Fill (in.)</strong></td>
<td>N/A, 0.004, 0.005, 0.010, 0.008, 0.010, 0.004, 0.008, 0.006, 0.008, 0.200, 0.005, N/A</td>
</tr>
<tr>
<td><strong>Viscosity (cP)</strong></td>
<td>1.25, 20, 90, 0.010, 1.200, 2.600, 2.600, 46°F (7°C) to 240°F (116°C)</td>
</tr>
<tr>
<td><em><em>Shear Strength</em> (psi)</em>*</td>
<td>N/A, 3,200, 3,200, 3,200, 2,600, 2,600, 46°F (7°C) to 240°F (116°C)</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>N/A, 65°F (-5°C) to 260°F (121°C)</td>
</tr>
<tr>
<td><strong>Fix Time (sec.)</strong></td>
<td>15, 15, 15, 15, 50, 40, &lt;5, &lt;5, 3.5 min*</td>
</tr>
</tbody>
</table>

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### Your Application

**Low Surface Energy Plastics (PP, PE, Acetal, PTFE, etc.)**

- **Loctite® 435™ Instant Adhesive**
  - Fast cure speed of Loctite® CA.
  - High viscosity toughened CA with increased flexibility, peel strength and resistance to shock.
  - Surface insensitive providing excellent bond strengths to most materials.
  - Non-sag prevents dripping.

- **Loctite® 4310™ Instant Adhesive**
  - Excellent bond strength to the widest range of plastics, rubbers and metals.
  - Highest bond strengths to most materials.

- **Loctite® 4311™ Flashcure® Light Cure Adhesives**
  - Excellent bond strength to the widest range of plastics, rubbers and metals.
  - Widest selection of products, including specialty grades suitable for applications where impact resistance, flexibility, gap filling, low odor or extremely fast curing is required.

- **Loctite® 411™ Instant Adhesive**
  - Fast two-part CA bonds up to 0.200" (5 mm). Particularly suited for bonding plastics, rubbers, wood, paper and metals. High precision dispensing tips.

- **Loctite® 3092™ Tak Pak® Accelerator**
  - Use accelerator with premium Cas.
  - CA accelerators (Speeds cure of exposed Cas).

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### Use Primer with Premium CAS

- **Loctite® 770™**
  - A heptane based primer.

- **Loctite® 454™**
  - Low viscosity for lighter bond lines.

- **Loctite® 455™**
  - Low viscosity, non-Sag gel medium.

- **Loctite® 403™**
  - Medium viscosity for tighter bond lines.

- **Loctite® 401™**
  - Non-Sag gel prevents dripping.

- **Loctite® 404® Quick Set™**
  - Flashcure® Light Cure Adhesives

- **Loctite® 7452™**
  - Light Cure CAS – rapid Cure
  - Non-sag gel prevents dripping.

- **Loctite® 4310™**
  - Low viscosity, non-Sag gel medium.

- **Loctite® 4311™**
  - Light Cure CAS – rapid Cure
  - Non-sag gel prevents dripping.

- **Loctite® 4235™**
  - Light Cure CAS – rapid Cure
  - Non-sag gel prevents dripping.

- **Loctite® 4265™**
  - Low viscosity for lighter bond lines.

- **Loctite® 435™**
  - High precision dispensing tips.

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### Optional Information

- One-component, no-mix products that cure rapidly at room temperature without heat or light, make cyanoacrylates exceptionally easy to use.

- Excellent bond strength to the widest range of plastics, rubbers and metals.

- Widest selection of products, including specialty grades suitable for applications where impact resistance, flexibility, gap filling, low odor or extremely fast curing is required.

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**www.instantssolutions.loctite.com**

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* N/A = Not available
** FT per inch
¥ Polypropylene
¥ Full core = 17 hours without UV exposure.