

**LOCTITE**<sup>®</sup>

# INSTANT BONDING SOLUTIONS.



**INCREASE PRODUCTIVITY.  
IMPROVE RELIABILITY.  
SIMPLIFY DESIGN.**

**SELECTOR GUIDE**





# INSTANT ADHESIVES

Instant adhesives are ideal for bonding small- to medium-size parts with close-fitting, smooth surfaces. They provide fast cure speeds and excellent bond strengths to a wide variety of substrates, including hard-to-bond materials. LOCTITE® Instant Adhesives are available in a range of formulations for anything from general purpose repairs to specialty high-performance assembly applications.



Looking for **high temperature** and fast fixture speed?



**NEW LOCTITE 402™**  
Ultra-Performance

An ultra-performing, fast-setting instant adhesive that provides reliable performance under extreme operating temperatures up to 275°F/135°C.

Need fast fixture and **high strength**?



**LOCTITE 401™**  
Surface-Insensitive,  
Medium Viscosity

A fast-setting, surface-insensitive instant adhesive that provides high shear strength on a wide range of materials, including difficult-to-bond substrates.

Want an adhesive that's extra **tough**?



**LOCTITE 435™**  
Toughened, Medium Viscosity

A toughened, surface-insensitive instant adhesive that delivers increased peel strength and impact-resistance.

Have bondline **aesthetic** or **odor** concerns?



**LOCTITE 460™**  
Low-Odor, Low-Bloom,  
Low Viscosity

A low-viscosity, low-odor, low-bloom instant adhesive which provides rapid bonding of a wide range of materials.

Need to fill **large gaps**?



**LOCTITE 3092™**  
Two-Component Gel

A unique, two-part instant adhesive that provides gap filling in excess of 0.10" for a wide range of materials.

Looking for bondline **flexibility**?



**LOCTITE 4902™**  
Flexible, High Viscosity

A highly-flexible instant adhesive that offers high strength in flexing bondlines, and resistance to leaks with excellent sealing capability.

# ACCELERATORS & PRIMERS

Designed for use with LOCTITE Instant Adhesives, accelerators speed the cure and increase gap fill, while primers allow for improved adhesion on hard-to-bond substrates.



**LOCTITE SF 7452™**  
Accelerator

An accelerator for the increased cure speed of LOCTITE Instant Adhesives. It can be either pre- or post-applied.











**LOCTITE SF 770™**  
Polyolefin Primer

A primer used to make polyolefin and other low-energy surfaces suitable for bonding with LOCTITE Instant Adhesives.

# LIGHT CURE ADHESIVES

Light cure adhesives are ideal for applications requiring fast production speeds, and are commonly used in the assembly of glassware, loudspeakers, optical instruments, electrical components, and disposable medical devices. Key considerations include: the ability of the assembled parts to transmit the UV/visible light to the bondline; whether a rigid or flexible bondline is required; and the types of substrates being bonded.



<p>Need quick, <b>dual-cure</b> with <b>low viscosity</b>?</p>	 <p><b>LOCTITE 4310™</b> Ultra-Fast, Low Viscosity</p>	<p>A low-viscosity instant adhesive that also cures extremely quickly with UV or visible light—minimizing blooming and allowing for use with opaque assemblies.</p>
<p>Need quick, <b>dual-cure</b> with <b>medium viscosity</b>?</p>	 <p><b>LOCTITE 4311™</b> Ultra-Fast, Medium Viscosity</p>	<p>A medium-viscosity instant adhesive that also cures extremely quickly with UV or visible light—minimizing blooming and allowing for use with opaque assemblies.</p>
<p>Looking for fast, <b>high-bond strength to glass</b>?</p>	 <p><b>LOCTITE AA 3494™</b> Glass Bonding, High Viscosity</p>	<p>A high-viscosity, non-yellowing, UV-curing adhesive that offers high adhesion to glass, as well as ceramics and metals.</p>
<p>Need a <b>general-purpose</b> product?</p>	 <p><b>LOCTITE AA 3922™</b> General-Purpose, Low Viscosity</p>	<p>A low-viscosity, UV and visible light curing adhesive designed to deliver flexible bonds when joining stress-sensitive plastics.</p>
<p>Want <b>flexibility</b> and <b>low viscosity</b>?</p>	 <p><b>LOCTITE AA 3951™</b> Flexible Bonds, Low Viscosity</p>	<p>A low-viscosity, UV and visible light curing adhesive designed for applications where a fast LED-curing, highly-flexible, fluorescent adhesive is required.</p>
<p>Want <b>flexibility</b> and <b>medium viscosity</b>?</p>	 <p><b>LOCTITE AA 3953™</b> Flexible Bonds, Medium Viscosity</p>	<p>A medium-viscosity, UV and visible light curing adhesive designed for applications where a fast LED-curing, highly-flexible, fluorescent adhesive is required.</p>
<p>Need <b>rigid bonds</b> and <b>low viscosity</b>?</p>	 <p><b>LOCTITE AA 3961™</b> Rigid Bonds, Ultra-Low Viscosity</p>	<p>An ultra-low viscosity, UV and visible light curing adhesive designed for applications requiring fast LED-cure, fluorescence and rigid bondlines.</p>
<p>Need <b>rigid bonds</b> and <b>medium viscosity</b>?</p>	 <p><b>LOCTITE AA 3963™</b> Rigid Bonds, Medium Viscosity</p>	<p>A medium-viscosity, UV and visible light curing adhesive designed for applications requiring fast LED-cure, fluorescence and rigid bondlines.</p>

# CLEANERS

LOCTITE® cleaners and degreasers provide highly-effective, water- and solvent-based cleaning of components, worktops, floors, parts and hands. The major factors to consider are drying time, residue, odor, and substrate-compatibility.



## LOCTITE SF 7070™

ODC-Free

A non-CFC-based parts cleaner and degreaser formulated specifically to prepare plastic components for bonding with adhesives.



## LOCTITE SF 7611™

Fast-Drying

An industrial-strength cleaner specifically designed to remove contaminants from all types of metal assemblies. Not for use on plastics.

# DISPENSING & CURING EQUIPMENT

LOCTITE offers a full line of dispensing, curing and processing equipment to improve accuracy and increase production. Check out the full line at [equipment.loctite.com](http://equipment.loctite.com)



## INSTANT ADHESIVE SOLUTIONS



### PU20 BENCHTOP PERISTALTIC DISPENSER

A reliable and effective volumetric dispenser for single-component, low-viscosity adhesives.



### DUAL-CHANNEL INTEGRATED RESERVOIR

This dispenser combines a dual-channel dispense controller and reservoir. Well-suited for medium- to high-viscosity adhesives.

## LIGHT CURE SOLUTIONS



### DIGITAL SYRINGE DISPENSER

A semi-automatic dispensing system designed to dispense LOCTITE adhesives and fluids packaged in select syringes and cartridges.



### CL25 LED SPOT CURING SYSTEM

A wand-style LED light source that accepts up to four LED heads. Its low power-consumption makes it an energy-saving and environmentally-friendly light source.

## ADDITIONAL EQUIPMENT FOR INSTANT ADHESIVES

- EQ VA40 CA Volumetric Valve
- Bond-A-Matic® 3000 Dispenser
- Cyanoacrylate Dispense Valve
- Low-Viscosity Handheld Applicator
- Stationary Applicator Valve

## ADDITIONAL EQUIPMENT FOR LIGHT CURE ADHESIVES

- EQ CL32 LED Spot System
- EQ CL28 CureJet® LED Spot System
- EQ CL30 LED Flood System
- EQ VA20 Volumetric Valve
- Light Cure Dispense Valve



Scan to learn more.