

LOCTITE®

INSTANT BONDING SOLUTIONS.



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

SELECTOR GUIDE

Henkel

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.



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.

Need to bond **plastic and rubber**?



LOCTITE 406™
Low Viscosity

A fast curing instant adhesive that is ideal for bonding plastics and elastomeric materials where very fast fixturing is required.

Looking for an adhesive for **overhead** and **vertical** applications?



LOCTITE 454™
Non-drip gel

A general purpose, non-drip gel, instant adhesive that is ideal for vertical surfaces and overhead applications.

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.

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



LOCTITE 480™
Toughened, Low Viscosity

A toughened, fast curing instant adhesive that is ideal for bonding metal to metal, rubber or magnets, particularly in humid environments.

Need to fill **large gaps**?



LOCTITE 3090™
Two-Component Gel

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

Need to bond a **range of materials**?



LOCTITE 495™
Low viscosity

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

Bonds more material. Faster.

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. LOCTITE instant adhesives are available in a range of formulations for anything from general purpose repairs to specialty high-performance assembly applications.

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.

HOW TO CHOOSE AN INSTANT ADHESIVE

LOCTITE has an instant adhesive formulated for any application.

GENERAL PURPOSE VS. SPECIALTY ADHESIVES

GENERAL PURPOSE

Strong and versatile enough for the vast majority of applications, including acidic surfaces such as chromated or galvanised metals and porous substrates such as wood paper, leather, cork and fabric.

TOUGHENED

Elastomer modified adhesives for applications subjected to high shock, impact and humidity.

FLEXIBLE

For bonding materials subjected to bending or distortion, as well as flexible components.

HIGH TEMPERATURE

For operating temperatures up to 120 °C.

LOW ODOUR / LOW BLOOM

Low volatile adhesives for applications where cosmetic appearance, minimal frosting and low odour are required.

HIGH GAP FILL

For applications with gaps up to 0.15 mm. 2-K technologies provide fast cure independent of gaps up to 5 mm.

LIGHT CURE

Designed to cure very rapidly upon exposure to UV / visible light of the proper intensity.



VISCOSITY

Available in viscosities from thin liquids to thixotropic, no-run gels.



FIXTURE SPEED

Available in various fixture speeds to accommodate applications that may require instant set times to those that may require minor adjustment time.



STRENGTH

Available in shear resistant, general purpose formulations to toughened, high impact, high peel resistant formulations to meet the specific strength requirements of your application.

Contact Us:

Email: loctite.enquiries@henkel.com
www.henkel-adhesives.com

HENKEL AUSTRALIA PTY LTD
135-141 Canterbury Road Kilsyth
3137, VIC
Phone: 1300 885 556

HENKEL NEW ZEALAND LTD.
2 Allens Road, East Tamaki,
Auckland 2013
Phone: +64 9 272 6725