



Henkel – Your solutions partner

Henkel can serve as your one-stop supplier, providing adhesives and sealants in all technologies, and dispensing and curing equipment for any application with an unparalleled level of knowledge, innovation and quality, as well as application diversity, reliability and customer support.

Our approach is one of flexibility – enabling us to adapt a solution in order to support your specific goals. We continuously invest in research and development so that we can meet and, in many cases, anticipate our customers' needs and goals.

In addition, our extensive network of global technical centers and sales personnel worldwide provides you with unrivaled assistance when you need it.

So, when you choose Henkel, you get a partner who will work with you to find cost-effective solutions to all your industrial challenges. From design and product development through manufacturing process simulations, no one adds more value to your business than Henkel.

Loctite® Instant Adhesives

INSTANT SOLUTIONS for Your
Assembly Challenges



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Engineering Adhesives
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www.instant.loctite.com

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INSTANT
solutions™ 

INSTANT
solutions™



TOTAL SOLUTIONS

Loctite® Instant Adhesives are the most diverse line of instant adhesives available, providing you with fast assembly solutions for a variety of materials, including plastics, elastomers and metals.

Because of our process capabilities and technical support, you can rely on Henkel to be your total solutions provider from start to finish.

BONDING SOLUTIONS

PAGES 3-8

Stronger. Faster. Superior.

The most complete line of instant adhesives in the industry is now even better with faster and more consistent cure times, greater surface versatility, tougher performance, improved shelf life, and packages that are easier to use and improve dispense accuracy.

PRODUCT SELECTOR CHART

PAGES 9-10

PROCESS SOLUTIONS

PAGES 11-13

Henkel offers a wide range of primers and accelerators to increase adhesion on difficult-to-bond substrates and to increase cure speeds. In addition, Henkel offers a complete line of semi- and fully automated dispensing and curing equipment to optimize your assembly process.

TECHNICAL SOLUTIONS

PAGES 14

Henkel's technical services are unparalleled in the industry. From your design and product development to the final manufacturing process, Henkel personnel and test facilities provide a wealth of expertise for your instant bonding challenges.

Make no mistake about it. When it comes to instant adhesives, Henkel is your total solutions provider.

NEW SOLUTIONS

NEW & IMPROVED ADHESIVES

Toughened Thermal Resistant

Loctite® 4203™, 4204™, 4205™
Prism® Instant Adhesives

- Faster fixture speed
- Excellent heat resistance up to 250°F
- Excellent resistance to impact and peel loads
- Improved stability



Toughened Flash Cure

Loctite® 4310™ and 4311™
Flashcure® Adhesives

- NEW toughened formulations
- Extremely fast, tack-free curing in 2-5 seconds
- Improved stability
- Bonds to a variety of substrates



NEW PACKAGING

HIGHLY FLEXIBLE PACKAGE

Loctite® Instant Adhesive Bottle



- Highly flexible package provides flow control and ease of use



- New nozzle for optimal dispensing accuracy and control



- Positive Seal Cap – Seals with a click



PRE-FILLED SYRINGE

Loctite® 454™ Gel Instant Adhesive

- Ease of dispense
- Accurate
- Less waste
- Package integrity
- Package includes 2 dispense tips



Item Number:
1337712

DISPENSE OPTIONS



Plunger

Item Number: 739983



Gun Dispenser

Item Number: 476902



Dispensing Equipment

Item Number: 883976

Refer to
www.equipment.loctite.com
for additional selections.

STRONGER SOLUTIONS

for challenging environments



TOUGHENED

Loctite® 480™
Prism® Instant Adhesive

- Low viscosity
- Color: Black
- NSF Approval

Loctite® 410™
Prism® Instant Adhesive

- High viscosity
- Color: Black

Loctite® 426™
Prism® Instant Adhesive

- Gel ■ Color: Black
- Suitable for porous surfaces and vertical or overhead applications

Loctite® 435™
Prism® Instant Adhesive

- Low viscosity
- Color: Clear

Loctite® 438™
Prism® Instant Adhesive

- Low viscosity
- Color: Black

TOP FEATURES

- Excellent shear strength
- Excellent resistance in humid and/or chemical environments
- Excellent resistance to impact and peel loads
- Designed to bond plastics, elastomers and metals
- Surface insensitive for faster cure on a wide variety of materials
- Good impact, fracture toughness, peel and shear strength
- Good chemical, humidity, thermal and shock resistant
- Designed to bond plastics, elastomers and metals

SUBSTRATES/APPLICATIONS

- Ferrite magnets to metal and plastic - *Magnet bonding*
- EPDM to brass or aluminium - *Plumbing connections*
- Aluminium to PC/ABS blend - *Handheld electronics*
- ABS to chrome - *Faucets*
- Nylon to ABS - *Brush to handle*
- Ferrite magnets to ABS - *Electric toothbrushes*
- Zinc plating to polyester - *Speaker components*
- Polycarbonate to glass - *Fiber-optic connectors*
- ABS to ABS - *Key fobs*
- Rubber to ABS - *Model cars*
- Rubber to metal - *Tacking O-rings in metal grooved enclosures*



TOUGHENED THERMAL

NEW & IMPROVED

Loctite® 4203™
Prism® Instant Adhesive

- Low viscosity
- Color: Clear
- Close fitting parts

NEW & IMPROVED

Loctite® 4204™
Prism® Instant Adhesive

- Medium viscosity
- Color: Clear

NEW & IMPROVED

Loctite® 4205™
Prism® Instant Adhesive

- Gel ■ Color: Clear
- Suitable for porous surfaces and vertical or overhead applications

TOP FEATURES

- New and improved - faster curing formulas
- Surface insensitive for faster cure on a wide variety of materials
- Excellent hot strength and heat aging capabilities up to 250°F
- Excellent resistance to impact and peel loads

SUBSTRATES/APPLICATIONS

- Plastic to metal housings - *Electric motors*
- Nylon to aluminium - *Kitchenware*
- Rubber to Fiberglass - *Boat components*
- Neoprene to Kevlar® - *Military devices*
- Lexan® to metal and plastic - *Microelectronics*
- Buna N rubber to metal - *Gasket bonding*



FASTER SOLUTIONS

for high speed assembly

INSTANT
solutions™



GENERAL PURPOSE VISCOSITY

Loctite® 406™
Prism® Instant Adhesive

- Wicking grade viscosity for post applications
- Color: Clear

Loctite® 401™
Prism® Instant Adhesive

- Low viscosity for close fitting applications
- Color: Clear

Loctite® 431™
Prism® Instant Adhesive

- Medium viscosity for general purpose applications
- Color: Clear

Loctite® 411™
Prism® Instant Adhesive

- High viscosity for large gaps
- Color: Clear
- Gap filling product with great peel strength

Loctite® 454™
Prism® Instant Adhesive

- No-run viscosity gel for large gaps and vertical surfaces
- Color: Clear

TOP FEATURES

- Very fast fixture speed
- Particularly suited for bonding a wide variety of materials, including metals, plastics and elastomers
- For porous substrates such as paper, leather, cork and fabric
- For acidic surfaces such as wood and chromate plated parts
- Fast cure even in low humidity environments
- For dry/low humidity environments

SUBSTRATES/APPLICATIONS

- PVC to EPDM rubber – *Appliance consoles*
- Urethane foam rubber to painted steel – *Handle grips*
- Aluminium to rubber pads – *Ladders*
- Paper to PVC – *Packaging materials*
- ABS to PVC – *Vacuum Cleaners*
- Glass-filled polyurethane to steel – *Firearm assembly*
- Stainless steel to carbon fiber – *Cutlery*
- Acrylic to PVC – *Plastic fencing*
- Braided sleeve to rubber – *Hoses*
- Synthetic rubber to ABS – *Legs to equipment housings*
- Abrasive tips to metal – *Machine tools*



LIGHT CURING

Loctite® 4306™
Flashcure® Light Cure Adhesive

- Wicking
- Color: Clear to pale green

Loctite® 4310™
Flashcure® Light Cure Adhesive

- Low viscosity
- Color: Clear to pale green
- Impact and peel resistant

Loctite® 4311™
Flashcure® Light Cure Adhesive

- High viscosity
- Color: Clear to pale green
- Impact and peel resistant

TOP FEATURES

- Extremely fast tack-free curing in **2 - 5 seconds**
- Cure with UV/Visible light
- Good cosmetic appearance
- Fluorescent for inspection purposes
- Cures in shadowed areas
- Eliminates need for accelerators
- Good adhesion to plastics, elastomers and metals
- ISO 10993 Biocompatible

SUBSTRATES/APPLICATIONS

- Stainless steel to plastic – *Needle bonding*
- Latex rubber tubing to PET – *Household products*
- ABS to metal – *Hearing aids*
- Aluminium to plastic – *Handheld electronics*
- Polycarbonate to magnets – *Sensor and wire tacking*
- PVC to polyurethane foam – *General industrial products*



Loctite® 7700™ Handheld Light Curing System

NEW, FAST & TOUGHENED

NEW, FAST & TOUGHENED

SUPERIOR SOLUTIONS

for demanding applications

INSTANT
solutions™



LOW ODOR, LOW BLOOM

Loctite® 408™
Prism® Instant Adhesive

- Low viscosity
- Color: Clear

Loctite® 460™
Prism® Instant Adhesive

- Medium viscosity
- Color: Clear

Loctite® 403™
Prism® Instant Adhesive

- High viscosity
- Color: Clear

Loctite® 455™
Prism® Instant Adhesive

- Gel
- Color: Clear
- Suitable for porous surfaces and vertical or overhead applications

TOP FEATURES

- High cosmetic appearance
- Low odor
- Reduced white residue “blooming” or “frosting”
- Surface insensitive
- One-part room temperature cure

SUBSTRATES/APPLICATIONS

- ABS to polycarbonate – *Battery cases*
- Aluminum to acrylic – *Cosmetic cases*
- Polypropylene to aluminum – *Identification tags/labels*
- Clear plastic to PVC – *Display systems*
- Wood to ABS – *Fountain pens*
- Rubber to metal – *Gasketing and sealing*
- Stainless steel to rubber – *Electronic housings*
- SS clips to plastic – *Handheld electronics*
- ABS to polystyrene – *Small appliances*



FLEXIBLE

Loctite® 4851™
Prism® Instant Adhesive

- Medium viscosity
- Color: Clear

Loctite® 4861™
Prism® Instant Adhesive

- High viscosity
- Color: Clear

TOP FEATURES

- Specifically designed for bonding delicate, soft or flexible substrates
- Ensures flexibility even through the bond line
- Suitable for porous and absorbent substrates
- ISO 10993 Biocompatible
- Surface insensitive

SUBSTRATES/APPLICATIONS

- Polypropylene and EPDM to aluminum – *Rubber foot bonding*
- Urethane foam to rubber – *Flexible joints*
- Painted steel to EPDM – *Door seals*
- PTE to PVC – *Flexible antennas*
- Painted steel to rubber – *Weather stripping*
- Rubber to plastic – *Flexible tubing or balloons*



Needle tip adapters used on adhesive bottles



PRODUCT SELECTOR CHART

PRIMARY FEATURE	PRODUCT	SUBSTRATE							TYPICAL PROPERTIES								
		Plastics	Elastomers	Metals	Porous Surfaces	Acidic Surfaces	Polyolefins	ITEM NUMBER	Container	Color	Gap (inches)	Viscosity (cP)	Shear Strength (psi) ¹	Temp. Range	Fixture Speed ²	Agency Approval	
Stronger Solutions for Challenging Environments <i>NEW & IMPROVED</i> <i>NEW & IMPROVED</i> <i>NEW & IMPROVED</i>	Toughened Medium Viscosity for Close Fitting Parts High Viscosity for Gap Filling Non-Running Gel for Vertical or Porous Surfaces	Loctite® 480™ Prism® Instant Adhesive	G	VG	VG	NR	G ⁴	GPR	48040 48061	20 g bottle 1 lb. bottle	Black	0.006	200	3,800	-65°F to 212°F	90 sec.	NSF/ANSI 61
		Loctite® 410™ Prism® Instant Adhesive	G	VG	VG	G	G ⁴	GPR	41004 41045 41061	3 g tube 20 g bottle 1 lb. bottle	Black	0.008	3,500	3,200	-65°F to 212°F	90 sec.	
		Loctite® 426™ Prism® Instant Adhesive	G	G	G	VG	G	GPR	21921 18398 17451 17529	10 g syringe 20 g tube 200 g tube 300 g cartridge	Black	0.010	Gel	3,000	-65°F to 212°F	120 sec.	
	Toughened Surface Clear, Medium Viscosity for Close Fitting Parts Black, Medium Viscosity for Close Fitting Parts	Loctite® 435™ Prism® Instant Adhesive	VG	G	G	NR	VG	GPR	41005 40994 40995	3 g tube 20 g bottle 1 lb. bottle	Clear	0.006	200	2,700	-65°F to 212°F	30 sec.	ISO 10993
		Loctite® 438™ Prism® Instant Adhesive	VG	G	VG	NR	VG	GPR	41006 40997 40996	3 g tube 20 g bottle 1 lb. bottle	Black	0.006	200	2,800	-65°F to 212°F	30 sec.	
	Toughened High Temperature Surface Medium Viscosity for Close Fitting Parts High Viscosity for Gap Filling Non-Running Gel for Vertical or Porous Surfaces	Loctite® 4203™ Prism® Instant Adhesive	G	G	G	NR	G	GPR	1376970 28027	20 g bottle 1 lb. bottle	Clear	0.005	375	2,200	-65°F to 250°F	60 sec.	
		Loctite® 4204™ Prism® Instant Adhesive	G	G	G	G	G	GPR	1376969 26325	20 g bottle 1 lb. bottle	Clear	0.008	4,000	2,600	-65°F to 250°F	80 sec.	
		Loctite® 4205™ Prism® Instant Adhesive	G	G	G	VG	G	GPR	28028 28029 28030	20 g tube 200 g tube 300 g cartridge	Clear	0.010	Gel	2,300	-65°F to 250°F	110 sec.	
	Faster Solutions for High Speed Assembly <i>NEW</i> <i>NEW</i>	General Purpose Surface Wicking Grade Low Viscosity for Close Fitting Parts Medium Viscosity for Gap Filling Non-Running Gel for Vertical or Porous Surfaces	Loctite® 406™ Prism® Instant Adhesive	G	VG	VG	NR	VG	GPR	40604 40640 40661	3 g tube 20 g bottle 1 lb. bottle	Clear	0.004	20	3,200	-65°F to 180°F	15 sec.
Loctite® 401™ Prism® Instant Adhesive			VG	VG	VG	G	VG	GPR	40104 40140 40161	3 g tube 20 g bottle 1 lb. bottle	Clear	0.005	110	3,200	-65°F to 180°F	15 sec.	
Loctite® 431™ Prism® Instant Adhesive			VG	VG	G	G	VG	GPR	41254 41255 41256	3 g tube 20 g bottle 1 lb. bottle	Clear	0.008	1,000	2,300	-65°F to 180°F	15 sec.	ISO 10993
Loctite® 454™ Prism® Instant Adhesive			VG	VG	VG	VG	VG	GPR	45404 1337712 45440 45474 45478	3 g tube 30 g syringe 20 g tube 200 g tube 300 g cartridge	Clear	0.010	Gel	3,200	-65°F to 180°F	15 sec.	CFIA, ABS
Loctite® 411™ Prism® Instant Adhesive			G	VG	G	G	G	GPR	41104 41145 41161	3 g tube 20 g bottle 1 lb. bottle	Clear	0.008	5,000	3,200	-65°F to 200°F	30 sec.	
Light Cure Wicking Grade Low Viscosity for Close Fitting Parts High Viscosity for Gap Filling		Loctite® 4306™ Flashcure® Light Cure Adhesive	G	G	G	NR	G	GPR	37439 37442	1 oz. bottle 1 lb. bottle	Clear to Pale Green	0.004	20	2,000 ³	-65°F to 180°F	5 sec.	ISO 10993
		Loctite® 4310™ Flashcure® Light Cure Adhesive	G	G	G	G	G	GPR	1401792 1401790	1 oz. bottle 1 lb. bottle	Clear to Pale Green	0.005	150	2,000 ³	-65°F to 180°F	5 sec.	ISO 10993
		Loctite® 4311™ Flashcure® Light Cure Adhesive	G	G	G	G	G	GPR	37441 37443	1 oz. bottle 1 lb. bottle	Clear to Pale Green	0.008	900	2,000 ³	-65°F to 180°F	5 sec.	ISO 10993
Superior Solutions for Demanding Applications Low Odor/Low Bloom Surface Non-Running Gel for Vertical or Porous Surfaces Medium Viscosity for Close Fitting Parts High Viscosity for Gap Filling Low Viscosity, Wicking Grade		Loctite® 455™ Prism® Instant Adhesive	G	VG	G	VG	G	GPR	22309 17421	10 g syringe 200 g tube	Clear	0.010	Gel	2,600	-65°F to 160°F	50 sec.	
		Loctite® 460™ Prism® Instant Adhesive	G	VG	G	NR	VG	GPR	46004 46040 46061	3 g tube 20 g bottle 1 lb. bottle	Clear	0.004	45	2,600	-65°F to 160°F	50 sec.	
	Loctite® 403™ Prism® Instant Adhesive	G	VG	G	G	VG	GPR	40304 40340 40361	3 g tube 20 g bottle 1 lb. bottle	Clear	0.008	1,000	2,600	-65°F to 160°F	50 sec.		
	Loctite® 408™ Prism® Instant Adhesive	G	VG	G	NR	VG	GPR	40840 40861	20 g bottle 1 lb. bottle	Clear	0.002	5	2,600	-65°F to 160°F	50 sec.		
	Loctite® 4851™ Prism® Instant Adhesive	G	G	G	G	VG	GPR	37732 37733	20 g bottle 1 lb. bottle	Clear	0.006	400	2,175	-65°F to 125°F	20 sec.	ISO 10993	
	Loctite® 4861™ Prism® Instant Adhesive	G	G	G	G	VG	GPR	37708 37711	20 g bottle 1 lb. bottle	Clear	0.008	4,000	2,465	-65°F to 125°F	20 sec.	ISO 10993	

The above information is presented as a guideline only. Henkel recommends evaluating the selected product in your application to determine suitability.

LEGEND

G = Good VG = Very Good GPR = Good in Combination with Loctite® 770™ Prism® Primer NR = Not Recommended

¹Data generated using grit blasted steel except where noted

²Full Cure = 24 hours without UV/VIS exposure; with UV/VIS exposure, see technical data sheets. Fixture speed varies by substrate, gap and humidity.

³Data generated using polycarbonate

⁴Accelerator required

PROCESS SOLUTIONS



DISPENSING & CURING EQUIPMENT

From manually operated devices to fully automated systems, Henkel offers a complete line of Loctite® brand dispensing and light curing equipment which can easily be integrated into your manufacturing process. Selection of a Loctite® brand system is based on the product being used, viscosity, package size and process requirements. For more information on our complete equipment offering, visit our equipment website at www.equipment.loctite.com or call **1.800.LOCTITE (562.8483)** in the U.S. or 1.800.263.5043 in Canada to speak with a technical representative.

MODULAR DISPENSE SYSTEMS

Henkel offers a complete line of controllers, reservoirs and dispense valves, allowing you to create a custom dispensing system to meet your specific needs and manufacturing goals.

Reservoir Controllers

PRODUCT	Item Number	Pressure Regulation	Package Types & Sizes	Viscosity Range	Low Level Sensing
INTEGRATED RESERVOIR CONTROLLERS — Space saving and economical, combined controller and reservoir for valve dispensing.					
	97010	0 to 15 psi	1 lb. bottle 2 kg bottle	0-3,000 cP	No
	97020				Yes
	97007	0 to 100 psi	200 g squeeze tube	>3,000 cP	No
	97017				Yes

Handheld Valves

PRODUCT	Item Number	Type	Viscosity Range	Dispense Patterns	Stroke Adjustment	Actuation
LOW VISCOSITY CYANOACRYLATE APPLICATOR						
	97130	Pneumatic	0-10,000 cP	Drop, Dot, Bead	Yes	Foot

Mounted Valves

PRODUCT	Item Number	Type	Viscosity Range	Dispense Patterns	Used to Dispense	Stroke Adjustment	Suck-Back
HIGH PRECISION VALVES							
	97113 (1/4" OD Tube)	High Precision	Low to Medium	Drop, Dot, Bead	Gel Instant Adhesives, Instant Adhesives, Retaining Compounds, Threadlockers	Yes	Yes
	97114 (3/8" OD Tube)						
	98084	High Precision	Low to Medium	Drop, Dot, Bead, Microdots	Light Cure/Acrylics	Yes	No
HIGH PERFORMANCE DIAPHRAGM VALVES							
	98009	High Performance Diaphragm	Low to Medium	Drop, Dot, Bead	Light Cure/Acrylics, Retaining Compounds, Threadlockers	Yes	No
	98013	High Performance Diaphragm	Low to Medium	Drop, Dot, Bead, Microdots	Instant Adhesives, Retaining Compounds, Threadlockers	Yes	No



COMPLETE DISPENSE SYSTEM

These Loctite® brand dispense systems are ready for immediate operation, and offer the manufacturing flexibility and reliability you're looking for.

PRODUCT	Item Number	Dispense Patterns	Package Types & Sizes	Viscosity Range
VOLUMETRIC BOTTLE DISPENSERS — Dispense adhesive directly from product bottle with no reservoirs required.				
	98548	Dots, Drops, Beads	Any	0 to 5,000 cP
PRESSURE-TIME BOTTLE AND SYRINGE DISPENSE SYSTEMS — Equipped with all components needed to dispense a wide range of products in a variety of adhesive bottle sizes.				
	982719	Dots, Drops, Beads	1 lb. bottle 2 kg bottle 200 g squeeze tube	0-3,000 cP
	982722			>3,000 cP
	883976	Drops, Beads	30 g syringe	Gel

LIGHT CURE SOLUTIONS

Henkel offers the widest selection of light curing equipment available from any one company in the market today. Our Loctite® brand ensures you have the most innovative and dependable systems for all your light curing adhesive applications.

PRODUCT	Item Number	Lamp Type
LED SPOT CURING DEVICES — High-powered and portable for light cure adhesives, providing effective spot curing solutions for both manual or integrated automatic systems.		
	976420	LED

PRODUCT	Item Number	Lamp Type
LED FLOOD SYSTEMS — This system is ideal for batch processing. UV and alternate visible light bulb options are available.		
	1167593	LED

PRODUCT	Item Number	Lamp Type
LED CURING DEVICES — High powered and portable for light cure adhesives, providing effective spot curing solutions for both manual or integrated automatic systems.		
	98591	LED



DISPENSE TIPS

Henkel offers a comprehensive line of Loctite® brand dispense tips which include high precision stainless steel, tapered polyethylene and flexible polypropylene tips. All feature a positive locking helical thread design to ensure the tip will stay intact during the toughest applications. For your less critical applications, we offer more economical general purpose tips that still provide reliable and consistent dispensing, shot after shot.

Ideal for use on 20 g bottles, 1 oz. bottles and 30 g syringes

www.equipment.loctite.com



PROCESS SOLUTIONS



TECHNICAL SOLUTIONS

When your application involves difficult-to-bond substrates or requires increased cure speeds, Henkel offers a full line of primers and accelerators to provide the solutions you require.

Surface Primers

Improve adhesion on difficult-to-bond substrates

PRODUCT	Base	Features	On-Part Life	Item Number	Package Size
Loctite® 770™ Prism® Primer	n-heptane	<ul style="list-style-type: none"> Adhesion promoter Especially for polyolefins such as PE and PP Suitable for PTFE and thermoplastic elastomers Long on-part life Fluorescent under UV light / black light 	≤8 hrs.	18396 18397	1.75 fl. oz. bottle 16 oz. can
Loctite® 793™ Prism® Primer	propylene glycol ether, n-butoxy propanol and water	<ul style="list-style-type: none"> Adhesion promoter Especially for polyolefins such as PE and PP Suitable for PTFE and thermoplastic elastomers Nonflammable 	≤2 hrs.	18650 20246	1.75 fl. oz. bottle 16 oz. can
Loctite® 7951™ Prism® Primer	perfluorocarbon and chlorobenzotrifluoride	<ul style="list-style-type: none"> Adhesion promoter Especially for polyolefins such as PE and PP Suitable for PTFE and thermoplastic elastomers Nonflammable and noncombustible 	≤8 hrs.	27858 1354770	1.75 fl. oz. bottle 16 oz. can

Accelerators

Increase cure speed of Loctite® Instant Adhesives

PRODUCT	Base	Features	On-Part Life	Item Number	Package Size
Loctite® 7452™ Tak Pak® Accelerator	acetone	<ul style="list-style-type: none"> Provides fast cure when post-applied Excellent for cosmetic applications, for clear and transparent adhesive beads or fillets Suitable for securing wires or coils to PCBs 	1 min.	18490 18580 18637 18575 18576	1.75 fl. oz. brush cap bottle 1.75 fl. oz. spray cap bottle 0.7 fl. oz. metered mist 1 quart can 1 gallon can
Loctite® 7109™ Tak Pak® II Accelerator	perfluorocarbon	<ul style="list-style-type: none"> Provides fast cure when post-applied Excellent for cosmetic applications, for clear and transparent adhesive beads or fillets Nonflammable and noncombustible 	1 min.	22440 23034	1.75 fl. oz. bottle 1 quart can
Loctite® 712™ Tak Pak® Accelerator	isopropanol	<ul style="list-style-type: none"> Provides fast cure when post-applied Excellent for cosmetic application, for clear and transparent adhesive beads or fillets Suitable for securing wires or coils to PCBs 	1 min.	20352 18636 18390	1.75 fl. oz. bottle 0.7 fl. oz. metered mist 1 gallon can
Loctite® 7113™ Accelerator	n-heptane	<ul style="list-style-type: none"> Provides fast cure when post-applied Excellent for cosmetic applications, for clear and transparent adhesive beads or fillets Suitable for loudspeaker assembly bonding and coil to ferrite magnet bonding Long on-part life 	≤24 hrs.	19605 19606	1.75 fl. oz. bottle 1 gallon can

Clean-Up Solvent

PRODUCT	Features	Item Number	Package Size
Loctite® 768™ X-NMS™	<ul style="list-style-type: none"> Loctite® 768™ X-NMS™ quickly and safely dissolves cured cyanoacrylate-based adhesives 	76820 76871	1.75 fl. oz. bottle 1 gallon can

Henkel is in the business of solving customers' problems. When customers buy Loctite® brand instant adhesives, they get more than a product – they get a partner who will work side by side with them to find innovative solutions to their manufacturing problems.

Rapidly emerging, innovative processes and materials mandate an unprecedented breadth and depth of engineering savvy. Not every company can provide the equipment and engineering staff necessary to compete in today's marketplace, the way Henkel can. Henkel's Engineering Services Group understands the necessity of partnering with manufacturers and sharing this expertise with the industry.

From design and product development to simulated testing of the manufacturing process and dispensing trials, Henkel brings a wealth of expertise and experience to its customers. In a design-through-assembly partnership, no one adds value like Henkel.

ENGINEERING SERVICES

- Process Consultations
- Customer Teardowns
- Custom Equipment
- Customer Line Surveys
- Material Properties Testing
- Adhesive Performance
- Surface Analysis
- Process Optimization
- Equipment Support

To access these and other Henkel Engineering Services, contact our Adhesive and Sealant Specialists by calling 1.800.LOCTITE (562.8483) in the U.S. and 1.800.263.5043 in Canada.

