

LOCTITE

SuperBonder® Instant Adhesives

Choose the best adhesive from two types of resin bases. Ethyl-based for most general applications on plastic and metals. Methyl-based effective on adhering plated & anodized metals to themselves or other materials. Fully cured in 24 hrs.



Model	Typical Use	Gap Fill	CureSpeed	Viscosity cP
409	General Purpose	.010"	75 sec.	Gel
414	Plastic	.006"	20 sec.	110
415	Metal	.008"	30 sec.	1500
416	Plastic	.008"	30 sec.	1500
420	Plastic	.002"	20 sec.	2
422	Plastic	.008"	30 sec.	2500
430	Metal	.005"	30 sec.	3600
495	General Purpose	.004"	20 sec.	2700
496	General Purpose	.006"	30 sec.	3600
498	Thermal Cycling	.007"	50 sec.	500

No. LOK-40904	409 Thixotropic Gel, 3g Tube	\$4.43
No. LOK-41450	414 Plastic Vinyl, 1-oz. Bottle	\$23.00
No. LOK-41550	415 Gap Filling, 1-oz. Bottle	\$21.58
No. LOK-41650	416 Gap Filling, 1-oz. Bottle	\$21.22
No. LOK-42050	420 Penetrating, 1-oz. Bottle	\$21.11
No. LOK-42250	422 Gap Filling, 1-oz. Bottle	\$21.22
No. LOK-43050	430 Metal Bonding, 1-oz. Bottle	\$21.58
No. LOK-49550	495 Gen. Purpose, 1-oz. Bottle	\$21.11
No. LOK-49504	495 Gen. Purpose, 3g Tube	\$3.79
No. LOK-49650	496 Gen. Purpose, 1-oz. Bottle	\$21.58
No. LOK-49850	498 Thermal Cycling, 1-oz. Bottle	\$23.22

Black Max™ Instant Adhesive

The original elastomer-modified toughened instant adhesive. Black, one-part, fast curing, medium viscosity (300cP) designed to bond a variety of substrates and materials, including most plastics, rubber and metals. Fixture cure speed is approximately 2 - 3 minutes, with full cure in 24 hours. 1-oz. Bottle.

No. LOK-38050\$29.57

Quick Set™ 404 Instant Adhesive

Suited for bonding rubber parts such as belts, bumpers, cushions and O-rings. Fixture cure speed of 20 - 40 seconds, full cure in 24 hours. Meets MIL-A-46050C Type I, Class 2. 1/3-oz. Bottle.

No. LOK-46551\$23.66

SpeedBonder 324 Adhesive

Tough, activator-cured structural adhesive that bonds almost any material. Cures in minutes with the use of Activator 7075, listed below, and forms a flexible bond on gaps to .040". Features high impact and peel strength with a 15000 cp viscosity. Will withstand temperatures of up to 275°F.

324 Adhesive - 50-ml.

No. LOK-32430\$18.92

7075 Activator - 4.5-oz.

No. LOK-22671\$28.96

SuperBonder® 768 Clean-Up Solvent

Quickly and safely dissolve cured cyanoacrylate-based adhesives in between parts or on surfaces. 2 fl-oz. Bottle.

No. LOK-76820\$30.94

LOCTITE

Prism® Instant Adhesives

Surface insensitive to provide fast, strong bonds. Toughened formulations provide excellent peel, impact and tensile shear strength. All products fully cure in 24 hours.



Model	Typical Use	Gap Fill	CureSpeed	Viscosity cP
401	General Purpose	.005"	10 sec.	110
403	General Purpose	.008"	60 sec.	1000
406	Wicking Grade	.004"	15 sec.	20
408	Gap Filling	.002"	30 sec.	5
410	Gap Filling	.008"	90 sec.	3,500
411	General Purpose	.008"	30 sec.	5,000
454	Porous Surfaces	.010"	15 sec.	Gel
480	General Filling	.006"	90 sec.	300
460	General Purpose	.004"	30 sec.	50
4471	Gap Filling	.007"	10 sec.	600

No. LOK-40104	401 3-gm. Tube	\$5.30
No. LOK-40340	403 Low Bloom, 20-gm. Bottle	\$24.26
No. LOK-40640	406 20-gm. Bottle	\$21.42
No. LOK-40840	408 Low Bloom, 20-gm. Bottle	\$24.26
No. LOK-41045	410 20-gm. Bottle	\$23.72
No. LOK-41145	411 20-gm. Bottle	\$23.56
No. LOK-45440	454 20-gm. Tube	\$22.94
No. LOK-48040	480 20-gm. Bottle	\$23.72
No. LOK-46040	460 Low Bloom, 20-gm. Bottle	\$24.26
No. LOK-44740	4471 20-gm. Bottle	\$21.57

LOCTITE

Pre-Pak™ Instant Adhesive Syringes

Molded from proprietary resins to guarantee maximum shelf life.

- Makes dispensing easier
- No messy spills, clean-ups or product contamination
- Fully compatible with manual, semi-automatic and dispensing systems



Model	Description	Tensile Strength	Temp. Range
Super Bonder® 409	Clear General Purpose Gel	2500 PSI	-64°-180°F
PRISM® 426	Black Toughened Gel	3100 PSI	-64°-223°F
Super Bonder® 499	Clear Thermal Cycling Gel	3200 PSI	-64°-223°F
PRISM® 4212	Black Thermal Resistant Gel	3900 PSI	-64°-250°F
PRISM® 4541	Clear Medical Grade	3500 PSI	-64°-180°F

No. LOK-21922	409 10-gm. Syringe	\$16.36
No. LOK-21921	426 10-gm. Syringe	\$19.64
No. LOK-21924	499 10-gm. Syringe	\$16.25
No. LOK-21923	4212 10-gm. Syringe	\$20.00
No. LOK-21920	4541 10-gm. Syringe	\$18.08
98192 Manual Hand-held Dispenser for 10cc Syringes		
No. LOK-98192		\$40.65

Aron Alpha Krazy Glue

Use type 101 for bonding metal to plastic, rubber, glass etc. Use type 201 for bonding any combination of plastic, rubber, ceramic or glass. 1-39 CPS viscosity.



No. BOR-AA-481	101 Krazy Glue	\$8.80
No. BOR-AA-480	201 Krazy Glue	\$1.86

Adhesives



LOCTITE

Tak Pak® Adhesive System

Eliminates tapes for securing wires to PC boards and replaces rivets for mounting edge guides. Combines a strong durable adhesive with an ultra-fast acting ODC-free accelerator to allow you to handle parts in 15 seconds or less. No ozone depleting chemicals.

- **Tak Pak® 444:** Standard adhesive system for applications with a temp. range of -65° to 180°F; meets MIL-A-46050C Type II, Class 3.
- **Tak Pak® 382:** Ultra performance, high temperature adhesive system with a temperature range of -65° to 223°F (to 250°F intermittently).
- **7452:** Accelerator, promotes cure speed of all Loctite cyanoacrylate adhesives.

No. LOK-20419	444 Standard Tak Pak® Kit	.....\$28.71
No. LOK-12292	444 Adhesive, 20-ml. Bottle	.....\$17.09
No. LOK-20420	382 Ultra Performance Tak Pak® Kit	.....\$45.88
No. LOK-38240	382 Adhesive, 20-ml. Bottle	.....\$23.72
No. LOK-18637	7452 Accelerator, 0.7-oz. Spray	.....\$15.05
No. LOK-18490	7452 Accelerator, 1.75-oz. Bottle	.....\$8.10

LOCTITE

High Technology RTV Silicones

Used in a variety of applications like strain relieving high profile components, tacking wire, sealing and encapsulating corrosion components, sealing and bonding wire and cable connects, and repairing rubber gaskets and seals. These adhesive/sealants adhere

to metals, glass, ceramics, silicone rubber and most plastics.

- High performance adhesives/sealants for military, and industrial and automotive applications
- Complies with tough military performance requirements
- Non-corrosive, single component
- RTV 5140 - Self-leveling sealant for potting, sealing and coating electronic devices. Cures to form a tough rubber coating when exposed to atmospheric moisture. Meets MIL-A-46146B, Group I, Type II. Tensile strength - 400 PSI; Elongation - 250%; Tear strength - 100 PLI; Dielectric strength - 380 volts/mil.
- RTV 5145 - Non-slumping, thixotropic adhesive/sealant bonds and seals electronic devices. Cures to a high strength rubber when exposed to atmospheric moisture. Meets MIL-A-46146B, Group II, Type I. Tensile strength - 1000 PSI; Elongation - 750% Tear strength - 230 PLI; Dielectric strength - 375 volt/mil.

No. HEN-18120	5140 Liquid, 85-gm. Tube	.....\$26.95
No. HEN-20250	5145 Paste, 85-gm. Tube	.....\$38.95

LOCTITE

Surface Activators

Single component non-CFC solvent-based surface activators designed to speed cure of Loctite anaerobic adhesives and sealants. Recommended for applications with passive metals, inert surfaces or large bond gaps. Products are flammable and should not be used around energized equipment. Flashpoint: -18°C.

No. LOK-22477	7471 Primer T, 4.5-oz. Aerosol	.....\$34.89
No. LOK-19269	7649 Primer N, 1.75 fl.-oz. Bottle	.....\$16.64
No. LOK-21347	7649 Primer N, 25-gm. Aerosol	.....\$11.43
No. LOK-22671	7075 Activator 7075 4.5-oz. Aerosol	.....\$28.96



Use with Loctite® Threadlockers, Retaining Compounds and Low Viscosity Thread Sealants

Peristaltic Hand Pump

Reduce waste by adding this hand pump onto any Loctite® 50 ml bottle for better flow control. Will not leak regardless of bottle orientation. Adjustable positive flow of 0.01 ml to 0.40 ml with viscosities up to 30,000 cP. No. LOK-98414\$93.51



LOCTITE

Threadlocker Adhesives

Standard in the assembly of everything from delicate electronic components and critical aerospace systems, to automobiles and heavy construction equipment. Please call for additional technical specifications.



Model	Typical Use	Color	Cure Speed	Torque in lbs.
222MS	Small screws	Purple	10 min.	53/30
242	Removable up to 3/4" Bolts	Blue	10 min.	115/53
262	Permanent up to 3/4" Bolts	Red	20 min.	190/275
271™	High strength for fasteners up to 1" dia.	Red	10 min.	200/220
290	Wicking grade for pre-assembled parts	Green	20 min.	85/250

No. LOK-22221	222MS 10-ml Bottle	.....\$14.13
No. LOK-22231	222MS 50-ml Bottle	.....\$39.28
No. LOK-24221	242 10-ml Bottle	.....\$14.40
No. LOK-24231	242 50-ml Bottle	.....\$40.04
No. LOK-26221	262 10-ml Bottle	.....\$14.40
No. LOK-26231	262 50-ml Bottle	.....\$40.04
No. LOK-27121	271 10-ml Bottle	.....\$14.40
No. LOK-27131	271 50-ml Bottle	.....\$40.04
No. LOK-29021	290 10-ml Bottle	.....\$14.13
No. LOK-29031	290 50-ml Bottle	.....\$39.28

Threadlocker Sticks

- Less mess
- Does not run or drip
- Portable
- Prevents rust & corrosion

These patented new threadlocker sticks offer great flexibility for the toughest applications. The semi-solid formula makes them easy to carry from job to job without worrying about leakage or spilling. Breakloose torque on the medium strength 248 is 138 lbs and the high strength 268 is 360 lbs.

No. LOK-37087	248 Medium Strength 19 gram Stick, Blue	.....\$30.30
No. LOK-37686	268 High Strength 19 gram Stick, Red	.....\$30.30



LOCTITE

Retaining Compounds

Use Loctite® liquid or paste retaining compound to bond non-threaded, cylindrical metal assemblies. Fill the inner voids in close-fitting press fits, keyways, and splines. Mount bearings and bushings, and make press fits even stronger. Recommended primer-7649.

Model	Typical Use	Shear Strength	Set-Up Time
609	To augment press fits	3000 psi	10 min.
620	For high temps	3800 psi	30 min.
660	For worn machinery parts	3300 psi	10 min.
680	High strength	4000 psi	10 min.

No. LOK-60921	609 10-ml. Bottle	.....\$14.13
No. LOK-60931	609 50-ml. Bottle	.....\$39.28
No. LOK-62015	620 10-ml. Bottle	.....\$16.81
No. LOK-62040	620 50-ml. Bottle	.....\$45.61
No. LOK-66010	660 10-ml. Bottle	.....\$8.90
No. LOK-66040	660 50-ml. Bottle	.....\$41.95
No. LOK-68015	680 10-ml. Bottle	.....\$16.56
No. LOK-68035	680 50-ml. Bottle	.....\$45.61



Adhesives & Dispensing

LOCTITE

Durabond Adhesives

Loctite two-part epoxy and urethane adhesives for structural bonding, potting, and encapsulating. Features better adhesion and flow, less odor, improved clarity, higher strength and greater durability. All two-part Loctite structural adhesives are easily dispensed through hand-held meter-mix dispensing systems. 50 ml cartridge. Set Time: 5 minutes; Color: Clear.

No. LOK-29289\$14.18



Devcon

5-Minute® Epoxy

Rapid-curing, general-purpose adhesive/encapsulant. Bonds rigid, durable substrates such as metal, glass, ceramics, concrete and wood. Fixtures in 5 minutes or less.

No. DEV-14250 14250 25ml Tube\$4.56



Hysol

Epoxy-Patch® Kits

Ideal for numerous bonding and repair applications. Cured material is insoluble in most common fluids. Separate packaging allows versatility in mixing or applying for less wastage.

No. LOK-1373425 1C General Purpose Kit\$9.97
 No. LOK-1373435 11C General Purpose Kit\$10.86
 No. LOK-83176 Optically Clear Kit\$11.35
 No. LOK-83082 Quick Set Kit.....\$13.10
 No. LOK-83104 High Temperature Kit\$15.74



Arrow

Hot Melt Glue Gun

Bonds almost anything permanently in 60 seconds without clamping. Features solid state heating system and high volume melt chamber for precise flow of adhesive. Lever action trigger with easy squeeze for precise flow of adhesive. Check valve stops glue flow instantly. Built-in safety stand and drip tray. Feed mechanism prevents glue back-up. 115VAC.

No. ARR-TR550 Glue Gun\$25.25
 No. ARR-AP-5 4" Clear Glue Sticks (6/pkg.).....\$2.74
 No. ARR-SS-6 4" Slow Set Glue Sticks (6/pkg.).....\$2.91



3M

Glue Gun

The Polygon TC applicator delivers up to 3.5 pounds of 3M Jet-Melt adhesive per hour yet weighs only 10 ounces. System engineered to help you improve productivity, lower cost and minimize waste. Gun utilizes innovative 3M melt-on-demand technology.

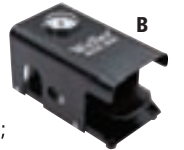
No. BID-POLYGUNTCW/.090TIP Hot Melt Glue Gun.....\$171.65
 No. BID-3748VOTC Hot Melt Adhesive 5/8" x 2"\$21.95



Weller

Economy Shot Meter

- Vacuum feature to prevent dripping
- Time duration indicator light (LED)
- Digital timer control for reproducibility. Set time duration from .01 to 99.99 seconds
- Adjustable four-position push button timer switch
- Electrical foot pedal actuation for excellent ergonomics (optional finger switch available)
- 0 - 100 PSI regulator and gauge with locking ring
- Slide switch for easy change from 110-220 volts
- Benchtop unit for easy reading of dials and adjustment of air pressure and vacuum
- Order syringe adapters, kits, and other accessories separately



Foot Valve Specs: Size: 3.75" x 7.25" x 3.75"; Wt: 3 lbs. 5 oz.;

Air Input: 0-100 psi; Air Input: 0-100 psi

Foot Valve with Vacuum Specs: Size: 3.75" x 8.5" x 3.75"; Wt: 3 lbs. 5 oz.

Air Input: 0-100 psi; Air Input: 0-100 psi; Vacuum: 0-18" of Mercury

A. No. KDS-KDS834A Economy Shot Meter\$770.00

B. No. KDS-KDS806 Foot Valve\$254.00



Syringe Shot Meter

One of the smallest, most advanced, yet economical digital time pressure dispensers available. Timer range from 0.001 to 999.9 seconds, pressure range from 0-100psi, and a vacuum feature for material pull-back. Timer has a 10 program memory storage and sequential time dispensing. System comes with a foot pedal and a dual power supply (110/220v) standard.



Cat. No.	Model	Description	Air Input	Price
JGI-JGD500S	JGD500S	Digital / Vacuum	1-100psi	\$595.00

Dispensing Rework Station

An SMT rework version of the JGD500S includes: a venturi vacuum pick-up tool, with a built-in flow regulator to control the strength of the pick-up tool. 3 size suction cups included.

Cat. No.	Model	Description	Air Input	Price
JGI-JGD500SMT	JGD500SMT	Digital/Vacuum	1-100psi	\$1425.00

Pneumatic Valve Pedals

Includes a built-in regulator and gauge within a protective housing to control the flow of material. Syringe adapter inlet port built-in to foot pedal to fit standard 1/4" OD tubing plus a reducer adapter to accept 5/32 OD tubing. The JGDFV25V also includes a built-in vacuum venturi regulator to pull back material into the needle, reducing material dripping and stringing.



Cat. No.	Model	Description	Air Input	Price
JGI-JGDFV25	JGDFV25	Reg/Gauge Control	1-100psi	\$245.00
JGI-JGDFV25V	JGDFV25V	w/ Vacuum Pull Back	1-100psi	\$325.00

SAME DAY SHIPPING!
Your local California Based Supplier

Dispensing



DX-250/350 Digital Dispenser

Accurately and consistently dispenses low, medium and high viscosity fluids. A highly responsive air pressure and vacuum management system coupled with a digital timing circuit provide consistent and repeatable dispensing and material waste control. User-friendly software provides quick and easy setup. **Features:** Universal power supply with snap-on plug; Adjustable vacuum-driven suck-back to control material tailing and waste; Small footprint; stackable. **Includes:** Universal power adapter; Foot switch, syringe stand, 10cc receiver head; Air hose with fittings; Hose holder and sample needles. One-Year Warranty.



DX-350

Model	DX-250 Basic Dispenser	DX-350 Precision Dispenser
Cat No.	TCS-DX-250	MEC-DX-350-DS
Programmable Memory Cycles	—	10
Pressure Range	0-100 psi	0-100 psi
Cycle Rate	600 cycles/minute	1200 cycles/minute
Timing Range	0.020-60.000 seconds	0.008-60.000 seconds
Cycles Mode	Timed, Purge	Timed, Interrupt, Teach, Purge
PRICE	\$365.65	\$715.85



Air Luer Lock Syringes with Stoppers

Air syringe packages include equal quantity of barrels and stoppers for use with dispensing shot meters.

- No. JGI-JG3A-50 Barrel & Stopper Bag, 3cc (50ea).....\$27.00
- No. JGI-JG5A-40 Barrel & Stopper Bag, 3cc (40ea).....\$26.00
- No. JGI-JG10A-30 Barrel & Stopper Bag, 3cc (30ea).....\$24.00
- No. JGI-JG30A-20 Barrel & Stopper Bag, 3cc (20ea).....\$23.75



Air Operated Luer Lock Syringes and Stoppers

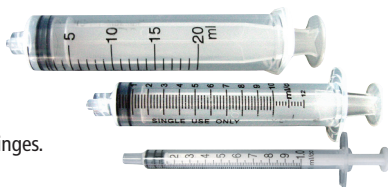
Luer Lok™ plastic dispensing syringes available in 5cc or 30cc sizes. Include rubber stoppers.

- No. KDS-A5LL 5cc Air Operated, 20/Pk.\$7.60
- No. KDS-A30LL 30cc Air Operated, 10/Pk.\$8.20



Calibrated Manual Syringes

Fully assembled and calibrated syringes. Accepts all dispensing needles.



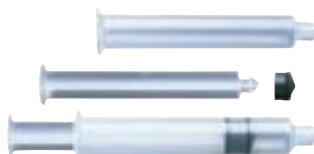
Cat. No.	Gauge	Style	Qty	Price
JGI-JG1CC-LS-100	1cc	Luer Slip	100	\$34.25
JGI-JG3CC-LL-100	3cc	Luer Lock	100	\$35.00
JGI-JG5CC-LL-50-DS	5cc	Luer Lock	50	\$22.00
JGI-JG10CC-LL-25-DS	10cc	Luer Lock	25	\$14.75
JGI-JG20CC-LL-20-DS	20cc	Luer Lock	20	\$22.00
JGI-JG30CC-LL-10	30cc	Luer Lock	10	\$12.00



Prepackaged Syringes – Manual Unassembled

Unassembled and non-calibrated. Includes barrel, rubber stopper and plunger rod. (USA).

- No. KDS-M10LL 10cc Manual, Unassembled, 15/Pk.\$11.60
- No. KDS-M30LLASSM 30cc Manual, Unassembled, 10/Pk.\$10.80



Prevent chemical contamination while dispensing! Dispensing Guns

Ergonomically designed with durable two-piece construction, these guns are cost effective and reduce operator fatigue. Manually dispense a wide range of materials and viscosities by fitting luer lock barrel with a wiper piston onto gun. Push button rod/plunge release and easy twist syringe mounting makes changing barrels quick and clean.



- No. MEC-910-MSG Dispensing Gun 10cc.....\$70.38
- No. MEC-930-MSG Dispensing Gun 30cc.....\$70.38



IT Series Stainless Steel, Plastic Hub, Opaque Needles

Blunt, plastic hub stainless steel tubing, non-sterile. Pre-packed in bags of 50 needles, available in gauges 14-30.



Cat. No.	Gauge	Length	ID	OD	Hub Color	Price
JGI-JG14-0.5	14	1/2"	.069	.083	Dark Green	\$105.00
JGI-JG16-0.5	16	1/2"	.053	.065	Purple	\$105.00
JGI-JG17-0.5	17	1/2"	.048	.058	White	\$85.00
JGI-JG18-0.5	18	1/2"	.038	.049	Pink	\$85.00
JGI-JG19-0.5	19	1/2"	.033	.043	Brown	\$85.00
JGI-JG20-0.5	20	1/2"	.025	.036	Yellow	\$85.00
JGI-JG21-0.5	21	1/2"	.022	.033	Green	\$85.00
JGI-JG22-0.5	22	1/2"	.020	.028	Black	\$85.00
JGI-JG23-0.5	23	1/2"	.016	.025	Light Blue	\$85.00
JGI-JG24-0.5	24	1/2"	.015	.022	Red	\$85.00
JGI-JG25-0.5	25	1/2"	.012	.020	Blue	\$85.00
JGI-JG26-0.5	26	1/2"	.011	.019	Cream	\$85.00
JGI-JG27-0.5	27	1/2"	.009	.016	Tan	\$85.00
JGI-JG30-0.5	30	1/2"	.006	.012	Lavender	\$153.00



Stainless Steel, Plastic Hub Opaque Needles

Blunt, plastic hub, stainless steel shaft, non-sterile. 50 needles per box.



Cat. No.	Gauge	Length	ID	OD	Hub Color	Price
KDS-KDS1412P	14	1/2"	.067	.083	Dk. Green	\$11.90
KDS-KDS1612P	16	1/2"	.053	.064	Purple	\$11.90
KDS-KDS1812P	18	1/2"	.038	.050	Pink	\$8.50
KDS-KDS1912P	19	1/2"	.032	.042	Brown	\$8.50
KDS-KDS2012P	20	1/2"	.026	.035	Yellow	\$8.50
KDS-KDS2112P	21	1/2"	.023	.032	Green	\$8.50
KDS-KDS2212P	22	1/2"	.019	.028	Black	\$8.50
KDS-KDS141P	14	1"	.067	.083	Dk Green	\$11.90
KDS-KDS151P	15	1"	.060	.072	Orange	\$11.90
KDS-KDS181P	18	1"	.038	.050	Pink	\$8.50

Universal Syringe Adapter

Works with all manufacturer's syringes. You can use Luer Lok™, Luer Slip™ or tapered syringes from 2-1/2 to 35cc. Adapter comes with a 360° swivel for ease of motion. An air operated syringe system handles most types of materials (i.e. single component, 2-part materials, self-leveling materials).



- No. KDS-KDS50356 Fits all 2-1/2 & 3cc Syringes\$20.90
- No. KDS-KDS53056 Fits all 30 & 35cc Syringes\$21.80