

Cyanoacrylate Adhesives

- One-component, no-mix products that cure rapidly at room temperature without heat or light – exceptionally easy to use
- Excellent bond strengths 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



7

Instant Bonding

Your Application

WHAT TYPE OF MATERIAL ARE YOU BONDING?

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

Use Primer with Premium CAs

SF 770™

Highly Flexible CA (for flexing bond lines)

Low Viscosity

4902™

Premium/Surface Insensitive CAs (Bond very well to most materials)

Low Viscosity

401™

Non-Sag Gel

454™

Low Odor/Low Bloom CAs (For cosmetic & odor sensitive applications)

Medium Viscosity

403™

Non-Sag Gel

455™

Solution

Color	Clear	Clear	Clear	Clear	Clear/Light Straw	Clear/Light Straw
Gap Fill (in.)	N/A	0.005	0.005	0.01	0.008	0.01
Viscosity (cP)	1.25	200	90	Gel	1,200	Gel
Shear Strength* (psi)	N/A	1,745	2,900	3,030	2,940	1,405
Temperature Range	N/A	-65°F (-54°C) to 180°F (82°C)	-65°F (-54°C) to 250°F (121°C)	-65°F (-54°C) to 250°F (121°C)	-65°F (-54°C) to 212°F (100°C)	-65°F (-54°C) to 212°F (100°C)
Fix Time (sec.)	N/A	20	5	15	20	60

Product Description

LOCTITE® SF 770™ Primer

A heptane-based adhesion promoter formulated for use with polyolefins and other low surface energy plastics. Use with LOCTITE® Premium Surface Insensitive CAs. Fast dry time and good on part life.

P/N	Package Size
18396	1.75 fl. oz. bottle
18397	16 fl. oz. can

LOCTITE® 4902™ Instant Adhesive

Highly flexible CA with elongations over 100%, designed for highly flexing bond lines.

P/N	Package Size
1875841	20 g bottle
1875842	1 lb. bottle

LOCTITE® 401™ Instant Adhesive

Low viscosity surface insensitive CA provides excellent bond strengths to most materials including plastics, elastomers, metals and platings. Excellent for dry or acidic conditions.

P/N	Package Size
40104	3 g tube
40140	20 g bottle
40161	1 lb. bottle

LOCTITE® 454™ Instant Adhesive

Surface insensitive CA providing excellent bond strengths to many materials including plastics, elastomers, metals and platings. Excellent for dry or acidic conditions. Non sag gel prevents drips.

P/N	Package Size
45404	3 g tube
21925	10 g syringe
45440	20 g tube
1337712	30 g syringe
45474	200 g tube
45478	300 g cartridge
231962	850 g cartridge

LOCTITE® 403™ Instant Adhesive

Low odor, low blooming CA well suited for cosmetic applications or where vapor ventilation is difficult. Surface insensitive, providing excellent bond strengths to most materials.

P/N	Package Size
40340	20 g bottle
40361	1 lb. bottle

LOCTITE® 455™ Instant Adhesive

Low odor, low blooming CA well suited for cosmetic applications or where vapor ventilation is difficult. Surface insensitive, providing excellent bond strengths to most materials. Non sag gel prevents drips.

P/N	Package Size
22309	10 g syringe
17421	200 g tube
23588	850 g cartridge

ADDITIONAL PRODUCT AVAILABLE

SF 7951™	Non-flammable Primer
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ADDITIONAL PRODUCT AVAILABLE

4903™	Increased modulus
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ADDITIONAL PRODUCT AVAILABLE

431™	Medium viscosity
406™	Wicking viscosity

ADDITIONAL PRODUCTS AVAILABLE

408™	Wicking viscosity
460™	Low viscosity

* Grit-blasted steel.

** Polycarbonate to polycarbonate.

† Full cure = 24 hours without UV exposure.

‡ At 0.002 in. gap.

§ At 0.200 in. gap.



Light Cure CAs – Rapid Cure (Provide extremely fast cure speeds)		Toughened/Impact Resistant CAs (For applications with vibration & shock)		2-Part CA (For high gap applications)	Rubber Bonding CA	CA Accelerators (Speeds cure of exposed CAs)
Low Viscosity	Medium Viscosity	1-Part	2-Part	Non-Sag Gel	Low Viscosity	Use Accelerator with Premium CAs
4310™	4311™	435™	HY 4090™	3092™	404®	SF 7452™
Clear/Pale Green	Clear/Pale Green	Clear	Clear/Light Yellow	Clear	Clear	Clear/Amber
0.004	0.008	0.006	0.2	0.2	0.005	N/A
175	1,050	175	Gel	Gel	80	0.4
3,190**	3,760**	2,700	2,400	3,200	3,500	N/A
-65°F (-54°C) to 200°F (93°C)	-65°F (-54°C) to 200°F (93°C)	-65°F (-54°C) to 225°F (107°C)	-40°F (-40°C) to 300°F (150°C)	-4°F (-20°C) to 176°F (80°C)	-65°F (-54°C) to 180°F (82°C)	N/A
<5†	<5†	30	90	15 sec.‡ 3.5 min.¶	30	N/A

LOCTITE® 4310™
Light Cure Adhesive

Light cure CA cures where light reaches and also in shadowed areas via surface moisture. Toughened, fluorescent adhesive that cures tack-free in 2-5 seconds. Lower viscosity for tighter bond lines.

P/N	Package Size
1401792	1 oz. bottle
1401790	1 lb. bottle

LOCTITE® 4311™
Light Cure Adhesive

Light cure CA cures where light reaches and also in shadowed areas via surface moisture. Toughened, fluorescent adhesive that cures tack-free in 2-5 seconds. Higher viscosity to minimize dripping.

P/N	Package Size
1401791	1 oz. bottle
1401789	1 lb. bottle

LOCTITE® 435™
Instant Adhesive

Low viscosity toughened CA with increased flexibility, peel strength and resistance to shock. Surface insensitive, providing excellent bond strengths to most materials. **CFIA Listed.**

P/N	Package Size
40994	20 g bottle
40995	1 lb. bottle

LOCTITE® HY 4090™
Structural Instant Adhesive

This innovative hybrid adhesive combines the bond strength and speed needed to solve your design and assembly challenges. With the speed of an instant adhesive and the strength of a structural adhesive, LOCTITE® HY 4090™ delivers both performance and versatility.

P/N	Package Size
1915601	50 ml syringe

LOCTITE® 3092™
Instant Adhesive

Fast two-part CA bonds gaps up to 0.2 in. (2 mm). Particularly suited for bonding plastics, rubbers, wood, paper and metals. High precision dispensing tips.

P/N	Package Size
1807961	10 g syringe with 3 mix nozzles

LOCTITE® 404®
Instant Adhesive

Excellent for bonding rubbers where very fast fixturing is required. For general maintenance and repair.

P/N	Package Size
46551	1/3 oz. bottle
46548	4 oz. bottle
46561	1 lb. bottle

LOCTITE® SF 7452™
Accelerator

Used where increased cure speed of LOCTITE® CAs is required. Can either be pre- or post-applied.

P/N	Package Size
18490	1.75 fl. oz. brush-top bottle
18580	1.75 fl. oz. spray-cap bottle
18637	0.7 fl. oz. metered mist
18575	1 quart can
18576	1 gallon can

ADDITIONAL PRODUCTS AVAILABLE

4306™	Wicking viscosity
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LOCTITE® HY 4090™ opens the door to new applications and new solutions. These are just some of the benefits of LOCTITE® HY 4090™.

- Strong – strength of a structural adhesive
- Fast – speed of an instant adhesive
- High impact and vibration resistance – 3x more than instant adhesives
- Temperature resistance to 300°F
- Fills gaps up to 0.2"
- Bonds multiple substrates – metals, plastics, rubbers, etc.

ADDITIONAL PRODUCTS AVAILABLE

SF 7113™ Accelerator	Longer on part life
382™	Instant Adhesive

Cyanoacrylate Adhesives

Loctite® Cyanoacrylate Adhesive Properties Chart

LOCTITE® PRODUCT		ITEM NUMBER	PACKAGE TYPE/SIZE	TYPICAL USE	COLOR	GAP FILL (INCHES)	CATEGORY	VISCOSITY (cP)	SHEAR STRENGTH* (psi)	TEMPERATURE RANGE	CURE SPEED**	SPECIFIC GRAVITY	AGENCY APPROVALS
GENERAL-PURPOSE SURFACE INSENSITIVE	401™	40104 40140 40161	3 g tube 20 g bottle 1 lb. bottle	General-purpose	Clear	0.005	Ethyl	90	2,900	-65°F (-54°C) to 250°F (121°C)	Fixture – 5 sec. Full – 24 hrs.	1.05	CFIA Listed
	406™	40604 40640 40661	3 g tube 20 g bottle 1 lb. bottle	Wicking grade	Clear	0.004	Ethyl	20	2,250	-65°F (-54°C) to 250°F (121°C)	Fixture – 10 sec. Full – 24 hrs.	1.05	Commercial item std. A-A-3097
	431™	41254 41255 41256	3 g tube 20 g bottle 1 lb. bottle	Gap filling	Clear	0.008	Ethyl	900	2,300	-65°F (-54°C) to 180°F (82°C)	Fixture – 15 sec. Full – 24 hrs.	1.10	ISO 10993
	454™	45404 21925 45440 1337712 45474 45478 231962	3 g tube 10 g syringe 20 g tube 30 g syringe 200 g tube 300 g cartridge 850 g cartridge	Porous surfaces	Clear	0.010	Ethyl	Gel	3,030	-65°F (-54°C) to 250°F (121°C)	Fixture – 15 sec. Full – 24 hrs.	1.05	CFIA, ABS, Commercial item std. A-A-3097
LOW ODOR / LOW BLOOM SURFACE INSENSITIVE	455™	22309 17421 23588	10 g syringe 200 g tube 850 g cartridge	Porous surfaces	Clear/Light Straw	0.010	Alkoxy	Gel	1,405	-65°F (-54°C) to 212°F (100°C)	Fixture – 60 sec. Full – 24 hrs.	1.10	N/A
	403™	40340 40361	20 g bottle 1 lb. bottle	Gap filling	Clear/Light Straw	0.008	Alkoxy	1,200	2,940	-65°F (-54°C) to 212°F (100°C)	Fixture – 20 sec. Full – 24 hrs.	1.10	N/A
	408™	40840 40861	20 g bottle 1 lb. bottle	Wicking grade	Clear/Light Straw	0.002	Alkoxy	5	3,020	-65°F (-54°C) to 212°F (100°C)	Fixture – 20 sec. Full – 24 hrs.	1.05	N/A
	460™	46040 46061	20 g bottle 1 lb. bottle	Close-fitting parts	Clear/Light Straw	0.004	Alkoxy	45	3,060	-65°F (-54°C) to 212°F (100°C)	Fixture – 15 sec. Full – 24 hrs.	1.10	N/A
LIGHT CURE TOUGHENED	4306™	37439 37442	1 oz. bottle 1 lb. bottle	Close-fitting parts	Clear/Pale Green	0.004	Ethyl	20	2,000 [‡]	-65°F (-54°C) to 180°F (82°C)	Fixture <5 sec. [‡]	1.10	ISO 10993
	4310™	1401792 1401790	1 oz. bottle 1 lb. bottle	Close-fitting parts	Clear/Pale Green	0.005	Ethyl	175	3,190 [‡]	-65°F (-54°C) to 240°F (116°C)	Fixture <5 sec. [‡]	1.05	ISO 10993
	4311™	1401791 1401789	1 oz. bottle 1 lb. bottle	Gap filling	Clear/Pale Green	0.008	Ethyl	1,050	3,260 [‡]	-65°F (-54°C) to 200°F (93°C)	Fixture <5 sec. [‡]	1.15	ISO 10993
FLEXIBLE	4902™	1875841 1875842	20 g bottle 1 lb. bottle	Flexing bond lines	Clear	0.004	Ethyl	200	1,745	-65°F (-54°C) to 180°F (82°C)	Fixture – 15 sec. Full – 24 hrs.	1	ISO 10993
	4903™	1875847	20 g bottle	Flexing bond lines, Increased modulus	Clear	0.004	CA/Epoxy Hybrid	200	1,670	-65°F (-54°C) to 180°F (82°C)	Fixture – 15 sec. Full – 24 hrs.	1	ISO 10993
TOUGHENED	HY 4090™	1915601	50 g dual cartridge	General-purpose	Clear/Light Yellow	0.2	Ethyl	Gel	2,400	-40°F (-40°C) to 300°F (148°C)	Fixture – No Gap 60 to 90 sec. Fixture – Gap 3 to 5 min. Full – 7 days	Part A – 1.01 Part B – 1.06	N/A
	380™	38004 38050 38061	3 g tube 1 oz. bottle 1 lb. bottle	Close-fitting parts	Black	0.006	Ethyl	300	3,750	-65°F (-54°C) to 225°F (107°C)	Fixture – 90 sec. Full – 24 hrs.	1.10	CFIA Listed
	410™	41004 41045 41061	3 g tube 20 g bottle 1 lb. bottle	Gap filling	Black	0.008	Ethyl	3,500	3,200	-65°F (-54°C) to 225°F (107°C)	Fixture – 90 sec. Full – 24 hrs.	1.07	CFIA Listed
	426™	21921 18398 17529	10 g syringe 20 g tube 300 g cartridge	Porous surfaces	Black	0.010	Ethyl	Gel	3,000	-65°F (-54°C) to 210°F (99°C)	Fixture – 20 sec. Full – 24 hrs.	1.10	N/A
	480™	48040 48061	20 g bottle 1 lb. bottle	Close-fitting parts	Black	0.006	Ethyl	200	3,800	-65°F (-54°C) to 180°F (82°C)	Fixture – 90 sec. Full – 24 hrs.	1.10	N/A
	411™	41104 41145 41161	3 g tube 20 g bottle 1 lb. bottle	Gap filling	Clear	0.008	Ethyl	5,000	3,200	-65°F (-54°C) to 210°F (99°C)	Fixture – 30 sec. Full – 24 hrs.	1.07	N/A
	435™	40994 40995	20 g bottle 1 lb. bottle	General-purpose	Clear	0.006	Ethyl	175	2,700	-65°F (-54°C) to 225°F (107°C)	Fixture – 30 sec. Full – 24 hrs.	1.10	ISO 10993 CFIA Listed
	438™	40997	20 g bottle	General-purpose	Black	0.006	Ethyl	200	2,800	-65°F (-54°C) to 225°F (107°C)	Fixture – 30 sec. Full – 24 hrs.	1.10	N/A
2-PART GAP FILL	3092™	1807961	10 g syringe with 3 mix nozzles	High gap filling plastic bonder	Clear	0.2	Ethyl	Gel	3,200	-4°F (-20°C) to 176°F (80°C)	Fixture 0.002" gap – 15 sec. 0.200" gap – 3.5 min. Full – 24 hrs.	1.05	N/A

ITEMS IN RED = Source's PICK or NEW

** Varies with substrates.

‡ Data generated using polycarbonate.

¥ Full Cure = 24 hours without UV exposure. (With UV exposure, see Technical Data Sheets.)

1 Contains LOCTITE® 382™ Instant Adhesive (20 g bottle), LOCTITE® 7452™ Accelerator (0.7 oz. net wt. aerosol can).

11 Contains LOCTITE® 444™ Instant Adhesive (20 g bottle), LOCTITE® 7452™ Accelerator (1.75 fl. oz. liquid brush-top bottle).

🌐 = Indicates Worldwide Availability

U.S.: 1-800-LOCTITE (562-8483)

Canada: 1-800-263-5043

na.henkel-adhesives.com/loctite

www.equipment.loctite.com

Loctite® Cyanoacrylate Adhesive Properties Chart

	LOCTITE® PRODUCT	ITEM NUMBER	PACKAGE TYPE/SIZE	TYPICAL USE	COLOR	GAP FILL (INCHES)	CATEGORY	VISCOSITY (cP)	SHEAR STRENGTH* (psi)	TEMPERATURE RANGE	CURE SPEED**	SPECIFIC GRAVITY	AGENCY APPROVALS
TOUGHENED THERMALLY RESISTANT	4203™	1376970 28027	20 g bottle 1 lb. bottle	Close-fitting parts	Clear	0.005	Ethyl	375	2,200	-65°F (-54°C) to 250°F (121°C)	Fixture – 40 sec. Full – 24 hrs.	1.10	N/A
	4204™ 	1376969 26325	20 g bottle 1 lb. bottle	Gap filling	Clear	0.008	Ethyl	4,000	2,400	-65°F (-54°C) to 250°F (121°C)	Fixture – 75 sec. Full – 24 hrs.	1.10	N/A
	4205™	28028 28029	20 g tube 200 g tube	Porous surfaces	Clear	0.010	Ethyl	Gel	2,300	-65°F (-54°C) to 250°F (121°C)	Fixture – 90 sec. Full – 24 hrs.	1.10	N/A
GENERAL-PURPOSE	382™	20420 38240 38261	20 g kit/ 20 g bottle 1 lb. bottle	Gap filling and ultra-performance wire tracking	Clear	0.008	Ethyl	5,000	3,200	-65°F (-54°C) to 210°F (99°C)	Fixture – 30 sec. Full – 24 hrs.	1.05	N/A
	404®	46551 46548 46561	1/3 oz. bottle 4 oz. bottle 1 lb. bottle	Rubber O-ring bonder	Clear	0.005	Ethyl	80	3,500	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.09	ABS, CFIA Listed, Commercial item std. A-A-3097
	409™	40904 40945 40974 18030	3 g tube 20 g tube 200 g tube 300 g cartridge	General-purpose gel	Clear	0.010	Ethyl	Gel	3,200	-65°F (-54°C) to 180°F (82°C)	Fixture – 75 sec. Full – 24 hrs.	1.10	N/A
	414™	41404 41450 41461	3 g tube 1 oz. bottle 1 lb. bottle	Plastic bonder	Clear	0.006	Ethyl	110	3,200	-65°F (-54°C) to 180°F (82°C)	Fixture – 20 sec. Full – 24 hrs.	1.05	CFIA Listed, Commercial item std. A-A-3097
	415™	41550 41561	1 oz. bottle 1 lb. bottle	Gap filling metal bonder	Clear	0.008	Methyl	1,500	3,600	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.09	Commercial item std. A-A-3097
	416™	41650 41661	1 oz. bottle 1 lb. bottle	Gap filling plastic bonder	Clear	0.008	Ethyl	1,500	3,200	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.05	CFIA Listed, Commercial item std. A-A-3097
	420™	42050 42061	1 oz. bottle 1 lb. bottle	Wicking type plastic bonder	Clear	0.002	Ethyl	2	2,900	-65°F (-54°C) to 180°F (82°C)	Fixture – 20 sec. Full – 24 hrs.	1.05	Commercial item std. A-A-3097
	422™	42250 42261	1 oz. bottle 1 lb. bottle	Gap filling plastic bonder	Clear	0.008	Ethyl	2,500	3,200	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.09	CFIA Listed, Commercial item std. A-A-3097
	430™	43004 43050 43061	3 g tube 1 oz. bottle 1 lb. bottle	Metal bonder for close-fitting parts	Clear	0.005	Methyl	80	3,600	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.09	Commercial item std. A-A-3097
	444™	12292 20419 12294	20 g bottle 20 g kit/ 1 lb. bottle	Wire tacking	Clear	0.007	Ethyl	700	3,200	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.05	Commercial item std. A-A-3097
	495™	49504 49550 49561	3 g tube 1 oz. bottle 1 lb. bottle	General-purpose	Clear	0.004	Ethyl	45	2,060	-65°F (-54°C) to 250°F (121°C)	Fixture – 5 sec. Full – 24 hrs.	1.05	Commercial item std. A-A-3097
	496™	49650 49661	1 oz. bottle 1 lb. bottle	General-purpose rubber bonder	Clear	0.005	Methyl	125	3,600	-65°F (-54°C) to 180°F (82°C)	Fixture – 30 sec. Full – 24 hrs.	1.09	Commercial item std. A-A-3097
	498™	49850 49861	1 oz. bottle 1 lb. bottle	Thermal cycling	Clear	0.007	Ethyl	500	3,000	-65°F (-54°C) to 180°F (82°C)	Fixture – 50 sec. Full – 24 hrs.	1.10	N/A
	454™	39202	0.14 oz. bottle	General gel	Clear	0.010	Ethyl	Gel	3,200	-65°F (-54°C) to 250°F (121°C)	Fixture – 15 sec. Full – 24 hrs.	1.05	N/A

Loctite® Primer & Accelerator Properties Chart

	LOCTITE® PRODUCT	ITEM	PACKAGE TYPE & SIZE	COLOR	VISCOSITY (cP)	BASE	ON-PART LIFE	DRY TIME	APPLICATION	AGENCY APPROVALS
SURFACE PREPARATION	ACCELERATORS	SF 712™ 	20352 18636 18390	1.75 fl. oz. bottle 0.7 fl. oz. metered mist 1 gallon can	Clear/Amber	1	Isopropanol	1 minute	<30 seconds	All cyanoacrylates MIL-46050C for existing designs, CFIA Listed
		SF 7109™	22440 23034	1.75 fl. oz. bottle 1 quart can	Clear/Amber	3	Perfluorocarbon	1 minute	<5 seconds	All cyanoacrylates N/A
	ACCELERATORS	SF 7113™ 	19605 19606 1806199	1.75 fl. oz. bottle 1 gallon can 313 lb. drum	Clear	0.4	Heptane	24 hours	<1 minute	All cyanoacrylates N/A
		SF 7452™ 	18490 18580 18637 18575 18576	1.75 fl. oz. brush-top bottle 1.75 fl. oz. spray-cap bottle 0.7 fl. oz. metered mist 1 quart can 1 gallon can	Clear/Amber	0.4	Acetone	1 minute	<30 seconds	All cyanoacrylates MIL-46050C for existing designs
	PRIMERS	SF 770™ 	18396 18397	1.75 fl. oz. bottle 16 fl. oz. can	Colorless, Slightly Hazy	1.25	Heptane	8 hours	30 seconds	All cyanoacrylates CFIA Listed
		SF 7951™	27858	1.75 fl. oz. bottle	Colorless, Slightly Hazy	0.7	Perfluorocarbon and Chlorobenzotrifluoride	8 hours	30 seconds	All cyanoacrylates N/A

PLEASE NOTE: A complete line of surface primers, accelerators and cleaners is available to further enhance the performance of LOCTITE® Instant Adhesives. Refer to the Surface Cleaning section on page 129.

Cyanoacrylate Adhesive Equipment

YOUR EQUIPMENT Source

For more details, see the *Loctite® Equipment Sourcebook*, LT-3669, or visit us on the web for additional information, diagrams, products and our full line of equipment at www.equipment.loctite.com.



LOCTITE® PRODUCT		ITEM NUMBER	USED TO DISPENSE	PACKAGE TYPES & SIZES	VISCOSITY RANGE	CONSUMABLES – DISPENSE ACCESSORIES	
HANDHELD APPLICATORS	BOTTLE DISPENSING						
		CA VOLUMETRIC HAND PUMP	1506477	Cyanoacrylates	20 g or 1 fl. oz. bottle	0.009 – 0.002 g	Dispense Tips and Accessories – Pages 174-175
		SOFT SQUEEZE BOTTLES	98345	All Fluids	2 fl. oz. packages	Low to Medium	Dispense Tips and Accessories – Pages 174-175
			98346	All Fluids	4 fl. oz. packages		
			98347	All Fluids	8 fl. oz. packages		
	SYRINGE DISPENSING						
		10 ML GEL CA SYRINGE DISPENSER	1233800	Any fluid in a 10 ml syringe	10 ml syringe	Low to High	Dispense Tips and Accessories – Pages 174-175
		30 ML MANUAL SYRINGE APPLICATOR	1544934	Any fluid in a 30 ml syringe, including 25 ml syringes	30 ml syringe	Low to High	Dispense Tips and Accessories – Pages 174-175

LOCTITE® PRODUCT		ITEM NUMBER	TYPE	VISCOSITY RANGE	DISPENSE PATTERNS	USED TO DISPENSE	STROKE ADJUSTMENT	ACTION	CONSUMABLES – DISPENSE ACCESSORIES	
HANDHELD VALVES	LOW VISCOSITY CYANOACRYLATE APPLICATOR									
		LV HAND-HELD APPLICATOR	97130	Pneumatic	Low	Drop, Dot, Bead	Instant Adhesives, Retaining Compounds, Threadlockers	Yes	Foot	Dispense Tips and Accessories – Pages 174-175
	PINCH TUBE APPLICATORS									
		VARI-DROP™ APPLICATORS	97131	Pinch Tube	Low to Medium	Drop, Dot, Bead	Instant Adhesives, Retaining Compounds, Threadlockers	Yes	Finger	Dispense Tips and Accessories – Pages 174-175
			97132							

LOCTITE® PRODUCT		ITEM NUMBER	TYPE	VISCOSITY RANGE	DISPENSE PATTERNS	USED TO DISPENSE	STROKE ADJUSTMENT	SUCK-BACK	CONSUMABLES – DISPENSE ACCESSORIES	
VALVES	HIGH PRECISION VALVES									
		STATIONARY APPLICATOR VALVE	97113	High Precision	Low to Medium	Drop, Dot, Bead	Gel Instant Adhesives, Instant Adhesives, Retaining Compounds, Threadlockers	Yes	Yes	Dispense Tips and Accessories – Pages 174-175
		97114								
	HIGH PERFORMANCE DIAPHRAGM VALVES									
		VA10 MICRO DIAPHRAGM VALVE	1611449	High Performance Diaphragm	Low to Medium	Drop, Dot, Bead, Microdot	Instant Adhesives	Yes	No	Dispense Tips and Accessories – Pages 174-175
		VA15 DIAPHRAGM VALVE	1730181	High Performance Diaphragm	Low to Medium	Drop, Dot, Bead	Silicone and Other Moisture Sensitive Adhesives	Yes	No	
		CYANOACRYLATE DISPENSE VALVE	98013	High Performance Diaphragm	Low to Medium	Drop, Dot, Bead	Instant Adhesives, Retaining Compounds, Threadlockers	Yes	No	
LIGHT CURE DISPENSE VALVE		98009	Light Cure Adhesives							

LOCTITE® PRODUCT		ITEM NUMBER	PRESSURE REGULATION	USED TO DISPENSE	PACKAGE TYPES & SIZES	VISCOSITY RANGE	LOW LEVEL SENSING	CONSUMABLES – DISPENSE ACCESSORIES	
CARTRIDGE DISPENSING	PNEUMATIC CARTRIDGE DISPENSING								
		300 ML PNEUMATIC CARTRIDGE DISPENSING RETAINER	98319A	0 to 60 psi	Gel Cyanoacrylates, Anaerobic Gasketing, Light Cure/Acrylics, Silicones	300 ml cartridges	Low to Medium	No	Cartridge Accessories – Page 175
		HD10 300 ML PNEUMATIC CARTRIDGE DISPENSER	1714379	0 to 60 psi	Gel Cyanoacrylates, Anaerobic Gasketing, Light Cure/Acrylics, Silicones	300 ml cartridges 250 ml tubes	Medium to High	No	
		300 ML CARTRIDGE PUSHER	98022	0 to 50 psi	Gel Cyanoacrylates, Anaerobic Gasketing, Light Cure/Acrylics, Low Viscosity Silicones	300 ml cartridges 250 ml tubes	Medium	Yes	