

Vibra-TITE[®] CYANOACRYLATES

are single-part clear adhesives that rapidly polymerize at room temperature and develop strength extremely fast (fixture 0 to 60 seconds). They are initiated by moisture on the parts surface or by accelerators.



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Viscosity (cP)	Max Gap Fill (in.)	Shear Strength (PSI)	Temp Range °F	Fixture Time	Specific Gravity	Base	Specs Met
GENERAL PURPOSE											
300			General Purpose - Clear								
30002 30028 30054	1.8 mL Bullet 1 oz Tube 1 lb Bottle		A single component medium viscosity cyanoacrylate adhesive	150 - 300	0.006	3200	-65 to 200	20sec	1.06	Ethyl	A-A3097 Type II - Class 2
304		404™	General Purpose - O-Ring Bonder - Clear								
30402 30410 30428 30454	1.8 mL Bullet 1/3 oz Bottle 1 oz Bottle 1 lb Bottle	46551 46561	A single component, low to medium viscosity cyanoacrylate adhesive.	80 - 100	0.005	3200	-65 to 200	20sec	1.06	Ethyl	A-A3097 Type II - Class 2
309		409™	General Purpose Gel - Clear								
30903 30920 30922	3 gm Tube 20 gm Tube 200 gm Tube	40904 40945 40974	A single component high viscosity gel cyanoacrylate adhesive. Ideal for bonding porous materials.	9,500 - 12,500	0.01	3500	-65 to 200	75sec	1.06	Ethyl	A-A3097 Type II - Class 5
314		414™	Plastic Bonder - Clear								
31402 31428 31454	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	41450 41461	A single component low to medium viscosity cyanoacrylate.	110	0.006	3200	-65 to 200	20sec	1.05	Ethyl	A-A3097 Type II - Class 2
316		416™	Gap Filling Plastic Bonder - Clear								
31602 31628 31654	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	41650 41661	A medium to high viscosity cyanoacrylate with extended drying times for filling large gaps.	1500 - 2100	0.008	3200	-65 to 200	40sec	1.05	Ethyl	A-A3097 Type II - Class 3
320		420™	Wicking Type Plastic Bonder - Clear								
32002 32028 32054	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	42050 42061	A fast setting wicking grade adhesive ideal for bonding preassembled parts.	1 - 3	0.002	3200	-65 to 200	10sec	1.06	Ethyl	A-A3097 Type II - Class 1
321			Fast Wicking Grade - Clear								
32128 32154	1 oz Bottle 1 lb Bottle		A single component low viscosity cyanoacrylate adhesive.	3	0.002	3200	-65 to 200	5sec	1.06	Ethyl	
322		422™	Gap Filling Plastic Bonder - Clear								
32202 32228 32254	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	42250 42261	A single component high viscosity cyanoacrylate adhesive with a quicker setting speed than most high viscosity materials.	1500 - 2100	0.008	3400	-65 to 200	40sec	1.06	Ethyl	A-A3097 Type II - Class 3
344		444™	Wire Tacking - Clear / Fluorescent								
34402 34428 34454	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	 12294	Designed for general purpose bonding on all types of substrates where gap filling is required.	600 - 850	0.002	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 3
362		498™	Thermal Cycling - Clear								
36202 36220 36254	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	 49861	A single component high viscosity cyanoacrylate adhesive with a quick setting speed.	1500 - 2100	0.006	3400	-65 to 200	40sec	1.06	Ethyl	A-A3097 Type II - Class 3
381		382™	Gap Filling - Wire Tacking - Clear								
38102 38120 38128 38154	1.8 mL Bullet 20 gm Bottle 1 oz Bottle 1 lb Bottle		A high viscosity cyanoacrylate adhesive for electronics. Offers gap-filling and thermal cycling resistance.	4000-5000	0.008	3500	-65 to 200	<30sec	1.06	Ethyl	
395		495™	General Purpose - Clear								
39502 39528 39554 39599	1.8 mL Bullet 1 oz Bottle 1 lb Bottle 100 pc fishbowl	49550 49561	A single component low viscosity cyanoacrylate adhesive. Suitable for general-purpose applications on metals rubbers and plastics.	30 - 70	0.004	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 1

1.8 mL Resealable Bullet Tubes (15-20 Applications in Each Tube)

Typical Bonding Applications:

- Circuit board wires
- Ceramic, fabric, metal and leather bonding
- Molded parts such as automotive weather stripping, wiper blades
- Speaker cones
- Equipment identification tags
- Control panel switches
- Rubber pads for equipment base or legs



CYANOACRYLATES

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Viscosity (cP)	Max Gap Fill (in.)	Shear Strength (PSI)	Temp Range °F	Fixture Time	Specific Gravity	Base	Specs Met
METAL BONDER											
330		430™	Metal & Rubber Bonder - Clear								
33002 33028 33054	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	43050 43061	A single component, low to medium viscosity ethyl cyanoacrylate adhesive.	123 - 127	0.006	2600	-65 to 200	30sec	1.09	Ethyl	A-A3097 Type II - Class 1
SURFACE INSENSITIVE											
301		401™	Surface Insensitive - General - Clear								
30102 30114 30114BC 30120 30154 30104	1.8 mL Bullet 15 mL Bottle 15 mL Bottle 20 gm Bottle 1 lb Bottle 4 lb Jug	40140 40140 40140 40161	A fast setting, low to medium viscosity cyanoacrylate adhesive for use on all types of substrates. Ideal for filling small gaps.	90-120	0.005	3200	-65 to 200	15sec	1.06	Ethyl	
305 Surface Insensitive - General Purpose - Clear											
30502 30520 30554	1.8 mL Bullet 20 gm Bottle 1 lb Bottle		A medium viscosity cyanoacrylate adhesive with good flow characteristics. Extremely fast setting.	40 - 60	0.004	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 1
306 406™ Surface Insensitive - Wicking - Clear											
30602 30620 30654	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	40640 40661	A low viscosity with an extremely fast setting time. Ideal for bonding preassembled parts.	15 - 35	0.004	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 1
307 Surface Insensitive - Wicking - Clear											
30702 30720 30754	1.8 mL Bullet 20 gm Bottle 1 lb Bottle		An extremely fast setting wicking grade adhesive ideal for bonding preassembled parts.	1 - 3	0.002	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 1
331 Surface Insensitive - Gap Filling - Clear											
33102 33114 33120 33154	1.8 mL Bullet .5 oz Bottle 20 gm Bottle 1 lb Bottle		Suitable for general-purpose bonding but provides excellent strength and speed on all rubber compounds.	650 - 950	0.002	3400	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 3
333 435™ Surface Insensitive - General Purpose - Clear											
33302 33320 33354	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	40994 40995	Designed to set and adhere rapidly to inactive surfaces.	250-350	0.006	3000-3500	-65 to 200	30sec	1.05	Ethyl	
347 447™ Surface Insensitive - General Purpose - Clear											
34702 34714 34720 34728 34754	1.8 mL Bullet .5 oz Bottle 20 gm Bottle 1 oz Bottle 1 lb Bottle		A single component, medium to high viscosity cyanoacrylate adhesive. It is particularly designed to set and adhere rapidly to inactive surfaces.	600 - 850	0.007	3200	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 3
354 454™ Surface Insensitive - Porous Gel - Clear											
35403 35420 35422 35430	3 gm Tube 20 gm Tube 200 gm Tube 300 gm Cart	45404 45440 45478	Ideal for bonding porous materials or when controlling adhesive flow is critical. Offers maximum gap filling and repositioning time.	9500 - 12,500	0.01	3500	-65 to 200	75sec	1.08	Ethyl	A-A3097 Type II - Class 4
356 Surface Insensitive - Gel - Black											
35620	20 gm Tube		Offers maximum gap filling and repositioning time.	Thixo Gel	0.01		-65 to 200	75min	1.08	Ethyl	A-A3097 Type II - Class 4

(800) 606-4466 www.HWECKHARDT.com

ND Industries and Vibra-Tite are registered trademarks of ND Industries, Inc.

LOCTITE is a registered trademark and 430, 401, 406, 435, 447, and 454 are trademarks of Henkel IP & Holding GMBH, LLC.

Vibra-TITE®
CYANOACRYLATES

Cyanoacrylates, commonly known as Super Glues, are highly useful in virtually every industry. Some of the higher volume applications include printed circuit board wires and a broad range of medical devices.

OEM applications include small and large appliances, automotive applications, toys, and cosmetic packaging.

MRO applications include repair of plastic, rubber and metal parts.

Everyday consumers are a large volume users of Super Glues for use and repair on everything from crafts to broken toys and household gadgets.

Factors that Effect CA Performance

- Low humidity = slower cure speed
- Low viscosity for small gaps
- Difficult-to-bond surfaces: PTFE, Silicone, Polyethylene, Polypropylene
- Excess adhesive - Less is best

CYANOACRYLATES

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Viscosity (cP)	Max Gap Fill (in.)	Shear Strength (PSI)	Temp Range °F	Fixture Time	Specific Gravity	Base	Specs Met
LOW ODOR / LOW BLOOM											
303 403™ Low Odor & Low Bloom - Gap Filling - Clear											
30320 30354	20 gm Bottle 1 lb Bottle	40340 40361	No-odor and non-blooming characteristics.	1200-1500	0.008	3200 / tds 2600	-65 to 200	30sec	1.05	Alkoxy-Alkyl	
308 408™ Low Odor & Low Bloom - Wicking - Clear											
30802 30820 30854	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	40840 40861	No-odor and non-blooming characteristics for when vapor control is an issue.	2 - 6	0.002	2400	-65 to 200	15sec	1.06	Ethoxy Ethyl	
317 Low Odor & Low Bloom - Toughened - Clear											
31720 31754	20 gm Bottle 1 lb Bottle		Designed for applications needing higher peel strength.	2500	0.008	2300	-65 to 200	30sec	1.05	Ethyl	
318 Low Odor & Low Bloom - Toughened - Black											
31820 31854	20 gm Bottle 1 lb Bottle		Designed for applications needing higher peel strength.	2500	0.008	2300	-65 to 200	30sec	1.05	Ethyl	
360 460™ Low Odor & Low Bloom - General Purpose - Clear											
36002 36020 36054	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	46040 46061	No-odor and nonblooming characteristics make this product user friendly for vapor control.	50	0.004	2600	-65 to 200	30sec	1.06	Ethyl	
RUBBER TOUGHENED											
310 410™ Rubber Toughened - Gap Filling - Black											
31002 31020 31054	1.8 mL Bullet 20 gm Bottle 1 lb Bottle	41045 41061	Provides superior shock and thermal resistance when bonding in harsh environments	2000 - 3000	0.008	3700	-65 to 280	90sec	1.06	Ethyl	A-A3097 Type II - Class 4
311 411™ Rubber Toughened - Shock & Impact Resistant - Clear											
31102 31120 31128 31154	1.8 mL Bullet 20 gm Bottle 1 oz Bottle 1 lb Bottle	41145 41161	A single component high viscosity, rubber-toughened ethyl cyanoacrylate adhesive. Superior shock and thermal resistance.	2400	0.008	3700	-65 to 280	75sec	1.06	Ethyl	A-A3097 Type II - Class 3, A-A3097 Type II - Class 3 - Ethyl
335 Rubber Toughened - General Purpose - Clear											
33502 33520 33528 33554	1.8 mL Bullet 20 gm Bottle 1 oz Bottle 1 lb Bottle		Provides superior shock and thermal resistance when bonding rubbers, metals, and plastics in harsh environments.	400 - 600	0.006	3700	-65 to 280	50sec	1.06	Ethyl	A-A3097 Type II - Class 2
388 380™ Rubber Toughened - Shock/Temp Resistant - Black											
38802 38828 38854	1.8 mL Bullet 1 oz Bottle 1 lb Bottle	38050 38061	Provides superior shock and thermal resistance when bonding rubbers, metals, and plastics in harsh environments.	400 - 600	0.006	3700	-65 to 280	50sec	1.06	Ethyl	A-A3097 Type II - Class 2
HD RUBBER BONDER											
370 Rubber Bonder - Wicking - Clear											
37020 37054	20 gm Bottle 1 lb Bottle		A fast setting wicking grade adhesive ideal for bonding preassembled parts.	2	0.002	3200	-65 to 200	10sec	1.06	Ethyl	A-A3097 Type II - Class 1
371 Rubber Bonder - Clear											
37120 37154	20 gm Bottle 1 lb Bottle		A single component, extremely fast setting low viscosity cyanoacrylate adhesive.	10 - 20	0.003	3200	-65 to 200	10sec	1.06	Ethyl	A-A3097 Type II - Class 1
372 Rubber Bonder - Clear											
37220 37254	20 gm Bottle 1 lb Bottle		A single component, fast setting medium viscosity cyanoacrylate adhesive.	160 - 220	0.006	3000	-65 to 200	15sec	1.06	Ethyl	A-A3097 Type II - Class 2
373 Rubber Bonder - Gap Filling - Clear											
37320 37354	20 gm Bottle 1 lb Bottle		Provides excellent strength and speed on all rubber compounds.	1800	0.008	3400	-65 to 200	10sec	1.06	Ethyl	A-A3097 Type II - Class