

Vibra-TITE®

THREADLOCKERS • THREAD SEALANTS
RETAINING COMPOUNDS • LIQUID GASKETING
CYANOACRYLATES • ANTI-SEIZE COMPOUNDS
UV CURABLES • EPOXIES • AND MORE



ND A Company You Can Rely On

Since 1955, ND Industries has been providing top quality fastening and assembly related products and services to a wide variety of industries including automotive, electronics, aerospace, appliance, and many more. ND's commitment to improvement has led to a continuous investment in the best equipment, facilities, and people to serve you.

Vibra-TITE the bottled product division of ND Industries

Vibra-Tite is one of the world's market leaders in anaerobics, cyanoacrylates, epoxies and ultraviolet technologies. Vibra-Tite is quickly becoming one of the most highly respected names in the adhesive industry. And, as a result of ND's low overhead expenses and in-house capabilities, Vibra-Tite products offer the same high quality and superior performance of other name brand products at a cost saving of **up to 40%.**



A Single-Source Supplier

ND is a vertically integrated company and has achieved a unique position in today's market place with a wide range of products designed to seal, cushion, insulate, temporarily retain, and control noise and vibration. ND's high quality line of products, customer driven solutions and on-time-delivery is the reason why more companies are turning to ND as their single-source supplier.

A Global Presence

ND owns and operates numerous facilities in North America. ND's latest state of the art expansion includes facilities in Taiwan and China with licensees located throughout the world. No matter where they are located, each ND facility is a fully supported member of the ND family dedicated to providing innovative, affordable fastening and assembly related products and services.



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Vibra-TITE® THREADLOCKERS

- Locks and seals threaded fasteners
- Prevents loosening from shock and vibration
- Performs better than mechanical devices
- Alleviates rust-lock
- Prevents leakage



To decrease set-up time, use Excel Primer N (Vibra-Tite 611) or Excel Primer T (Vibra-Tite 612) with all anaerobic threadlockers. See Vibra-Tite primer listing on page 21.

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Max Gap Fill (in)	Torque Strength, Break/Prevail (in LB.)	Temp Range	Fixture Time (min.)	Specific Gravity	Specs Met
111			222™ LOW STRENGTH								
11102	1.8 mL Tube		Easy to remove - for fasteners smaller than 1/4" in diameter.	Purple	1200 - 5000 Thixotropic	0.007	75 / 25	-65°F to 300°F	10 - 30	1.05	MIL-S-46163A ASTM D-5363
11110	10 mL Bottle	21463									
11150	50 mL Bottle	21464									
11125	250 mL Bottle										
11100	1L Jug										
112			LOW STRENGTH, HIGH LUBRICITY								
11250	50 mL Bottle		Easy to remove - for fasteners smaller than 1/4" in diameter. High lubricity material.	Purple	1200 - 5000 Thixotropic	0.007	75 / 25	-65°F to 300°F	10 - 30	1.05	
11225	250 mL Bottle										
11200	1L Jug										
121			242® MEDIUM STRENGTH								
12102	1.8 mL Tube		Removable Grade for fasteners 1/4" to 3/4" in diameter.	Blue	1200 - 5000 Thixotropic	0.007	120 / 45	-65°F to 300°F	10 - 30	1.07	MIL-S-46163A ASTM D-5363
12110	10 mL Bottle	24221									
12150	50 mL Bottle	24231									
12125	250 mL Bottle	24241									
12100	1L Jug	24243									
122			243™ OIL TOLERANT								
12202	1.8 mL Tube		Used on fasteners from 1/4" to 3/4" in diameter.	Blue	2250 - 12000 Thixotropic	0.015	195 / 70	-65°F to 300°F	5 - 10	1.08	
12210	10 mL Bottle	24077									
12250	50 mL Bottle	24078									
12225	250 mL Bottle	24079									
12200	1L Jug	21433									
123			246™ MEDIUM STRENGTH HI-TEMP OIL TOLERANT								
12302	1.8 mL Tube		Fasteners 1/4" to 3/4"	Blue	2600	0.015	170 / 50	-65°F to 450°F	5	1.15	ASTM D5363
12310	10 mL Bottle	29513									
12350	50 mL Bottle	29514									
12325	250 mL Bottle	29515									
124			MEDIUM STRENGTH, HIGH LUBRICITY								
12450	50 mL Bottle		Fasteners 1/4" to 3/4"	Blue	1200 - 5000 Thixotropic	0.015	140 / 50	-65°F to 300°F	10 - 30	1.1	
12425	250 mL Bottle										
12400	1L Jug										
125			MEDIUM STRENGTH GEL								
12506	6 mL Tube		Removable Grade for fasteners 1/4" to 3/4" in diameter.	Blue	Gel	0.015	120 / 45	-65°F to 300°F	10 - 30	1.1	
12535	35 mL Pump										
12525	250 mL Tube										
150			290™ MEDIUM STRENGTH WICKING GRADE								
15002	1.8 mL Tube		Used on pre-assembled fasteners up to 1/2" in diameter and porous die castings.	Green	12	0.004	85 / 250	-65°F to 300°F	5 - 20	1.08	MIL-S-46163A ASTM D-5363
15010	10 mL Bottle	29021									
15050	50 mL Bottle	29031									
15025	250 mL Bottle	29041									
15000	1L Jug	29043									
325			425™ PLASTIC THREADLOCKER								
32502	1.8 mL Tube		Small metal & plastic fasteners	Blue	80	0.004	4 / 2	180°F	2	1.1	
32520	20 g Bottle	1330585									

TOP
SELLER

TOP
SELLER

Vibra-TITE™ THREADLOCKERS



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Max Gap Fill (in)	Torque Strength, Break/Prevail (in LB.)	Temp Range	Fixture Time (min.)	Specific Gravity	Specs Met
131			262™ HIGH STRENGTH								
13102	1.8 mL Tube	26221	Permanently locks nuts and bolts up to 1" in diameter.	Red	1800 - 5000 Thixotropic	0.007	200 / 250	-65°F to 300°F	5 - 20	1.05	MIL-S-46163A ASTM D-5363
13110	10 mL Bottle	26231									
13150	50 mL Bottle	26241									
13125	250 mL Bottle	26243									
13100	1L Jug										
132			263™ HIGH STRENGTH, PRIMERLESS, OIL TOLERANT								
13202	1.8 mL Tube	1330583	Performs primerless on both inactive and active metals.	Red	400	0.007	275 / 290	-65°F to 360°F	5	1.1	ASTM D5363
13210	10 mL Bottle	1330335									
13250	50 mL Bottle	1330585									
13225	250 mL Bottle										
13200	1L Jug										
133			2760™ HIGH STRENGTH, PRIMERLESS, FAST CURING								
13350	50 mL Bottle		Performs primerless on both inactive and active metals.	Red	1,250 - 4,250	0.007	400 / 300	-60°F to 300°F	15	1.0	MIL-S-46163A ASTM D-5363
13325	250 mL Bottle										
134			2047™ HIGH STRENGTH, HIGH LUBRICITY								
13450	50 mL Bottle		High lubricity for achieving clamp load. Thixotropic.	Black	3,000	0.007	225 / 230	-60°F to 300°F	20	1.1	MIL-S-46163A ASTM D-5363
13425	250 mL Bottle										
13400	1 L Jug										
135			HIGH STRENGTH GEL								
13506	6 mL Tube		Permanently locks nuts and bolts up to 1" in diameter.	Red	Gel	0.015	200 / 100	-65°F to 300°F	5 - 20	1.1	
13535	35 mL Pump										
13525	250 mL Tube										
137			272™ HIGH TEMP / HIGH STRENGTH								
13702	1.8 mL Tube	27240	Permanently locks nuts and bolts up to 1 1/2" in diameter.	Red	9500	0.007	300 / 250	-65°F to 450°F	5 - 60	1.11	
13710	10 mL Bottle	27270									
13750	50 mL Bottle	27285									
13725	250 mL Bottle										
13700	1L Jug										
140			271™ HIGH STRENGTH								
14002	1.8 mL Tube	27121	Permanently locks nuts and bolts up to 1" in diameter.	Red	500	0.007	250 / 275	-65°F to 300°F	10 - 30	1.1	MIL-S-46163A ASTM D-5363
14010	10 mL Bottle	27131									
14050	50 mL Bottle	27141									
14025	250 mL Bottle	27143									
14000	1L Jug										
141			275™ HIGH STRENGTH								
14150	50 mL Bottle		Permanent locking and sealing of threaded fasteners.	Green	400 - 600	0.007	400 / 300	-65°F to 300°F	15 - 20	1.1	
14125	250 mL Bottle										
14100	1L Jug										
146			277™ LARGE DIAMETER / HIGH STRENGTH								
14602	1.8 mL Tube	21434	Permanently locks nuts and bolts up to 1 1/2" in diameter.	Red	7000	0.010	300 / 250	-65°F to 300°F	10 - 20	1.12	MIL-S-46163A ASTM D-5363
14610	10 mL Bottle	27731									
14650	50 mL Bottle	27741									
14625	250 mL Bottle	27743									
14600	1L Jug										

TOP SELLER

TOP SELLER

HOT LOCK[®]

EXTREME HIGH TEMP
CERAMIC THREADLOCKER



Vibra-Tite Hot Lock[®] is a medium-high strength, ceramic-based threadlocker that exhibits unparalleled temperature resistance up to 2,000°F and excellent performance across many different substrate finishes. Hot Lock will lock threaded fasteners in place at temperatures where standard threadlockers would disintegrate.

Typical Applications

- muzzle brakes / recoil compensators
- suppressors
- vehicle exhaust bolts
- turbocharger fasteners
- anywhere a threadlocker encounters high temperatures

Temperature Range

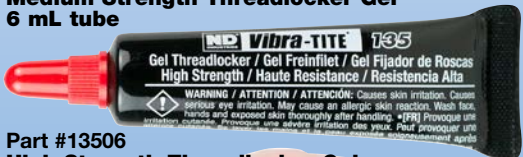
-60°F (-51°C) to 2,000°F (1,093°C)

Product Number: 19960

Size: 2 FL. OZ. (59 mL)



Part #12506
Medium Strength Threadlocker Gel
6 mL tube



Part #13506
High Strength Threadlocker Gel
6 mL tube



Part #13535
High Strength Threadlocker
35 mL pump dispenser

Part #12535
Medium Strength Threadlocker
35 mL pump dispenser



No Mess!
No Waste!
No-drip!
Complete coverage every time!





**Not an Adhesive!
Not an Anaerobic!**



Vibra-Tite VC-3 Threadmate is one of the most versatile threadlockers available on the market. An alternative to traditional liquid lockers which cure to form a hard bond, VC-3 is a proprietary blend of thermoplastic elastomer resins designed to remain flexible and absorb vibration.

- Stops fasteners from loosening due to extreme shock and vibration
- Works with metal, wood, some plastics, and more
- Fasteners are easily adjusted, removed, and reused
- Works on fasteners of any shape or size; from tiny eyeglass screws to large construction bolts
- Works with internal or external threads

Vibra-Tite® VC-3® Threadmate Specifications

Color	Red
Solvent	Methyl ethyl ketone. Also available in Ethyl Acetate, Methyl Propyl Ketone & Dimethyl Carbonate
Cured form	Resilient plastic
Shelf life	5 years from date of manufacture
Chemical resistance	Offers resistance to most solvents (acts as a partial corrosion barrier)
Dries to touch	In several minutes
Dries for use	10-30 minutes. For critical applications 24 hrs is recommended.
Drying method for bulk production	Best achieved using considerable airflow in addition to temperature not exceeding 130°F
Operational temperature range	-65°F to +165°F (-54°C to +74°C)
Reusable	5 or more times
Engagement torque	Moderate
Breakaway	No distinct break; slow, fluid release as material cold flows
Standard coating length	1 to 1 1/2 times diameter
Lead thread requirement	None
Thread fill requirement	30 - 50% of the thread root area

Note: See SDS for Safety & Material Handling Instructions

Vibra-Tite VC-3 Threadmate meets or exceeds the performance requirements of the following specifications and/or standards:

MILITARY:

- Lockheed Martin: 11663357, CAGE # 18876, P5407, 507-13-410, P5407, P5407-1
- General Dynamics: 13233419
- Harris Corporation: DWG. P30-0013
- National Stock Number: 8030-00-163-5792
- Naval Sea Sys Comm: 5174855
- Raytheon: DWG. 998730
- US Army Missile Comm: P5407-1, MIS-28867A
- US Air Force: #19207
- US Army Tank Automotive Command GD: #11663357

OEM:

- Allied Signal: PCS5618, EMS73314
- Atlanta Research: SP 10234
- Delphi: 00047127
- Detroit Diesel: 9S244
- Grumman Aerospace: GF105VP
- Leco Corporation: 764-709
- Meritor (Rockwell): 005-2308-010

VC-Series Plastic Compatibility

Part #	Sizes	Product	Solvent Base	Plastic Compatibility
21302 21305 21330 21325 21332 21300	1 mL Pillow Pack 5 mL Tube 30 mL Bottle w/Brush 250 mL Can 1 Quart Can 1 Gallon Can	VC-3	Methyl Ethyl Ketone	ECTFE, EPDM, FEP, Nylon 6/6, PE, PEEK, PET, PFA, PP, PPS, PTFE, TFE, UHMW
21730 21725	30 mL Bottle w/Brush 250 mL Can	VC-4	Ethyl Acetate	ECTFE, FEP, FLPE, HDPE*, LDPE*, Nylon 6/6, PEEK, PFA, PPS, PTFE, TFE, UHMW
21830 21825 21800	30 mL Bottle w/Brush 250 mL Can	VC-5	Methyl Propyl Ketone	FEP, Nylon 6/6, PFA, PP, PPE, PTFE, TFE
21930	30 mL Bottle w/Brush	VC-6	Dimethyl Carbonate	ABS, FPM, Nylon 6/6, PC, PE, PEEK, PET, PP, PTFE, PVC, PVDF

Or, skip the drying time and use
VC-3 TAPE
INSTANT FASTENER LOCKER



Just wrap the tape around the fastener threads and install!

Product: 23805BC
Size: 0.625 inch x 60 inches



Vibra-Tite® THREADLOCKERS

Vibra-TITE® THREAD SEALANTS

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Max Gap Fill (in)	Sealing Pressure (PSI)	Temp Range	Fixture (min.)	Suggested Primer	Specs Met
ANAEROBIC SEALANTS											
207 L.E.D. U.V. / ANAEROBIC DUAL CURE											
20700CLR 20700RD	1L Jug 1L Jug		Anaerobic sealant that also cures with LED UV light.	Clear Red	15-30			-22°F to 392°F	< 10 sec.		
420 565™/592™ CONTROLLED STRENGTH - SLOW CURE											
42050 42025 42016 42000	50 mL Tube 250 mL Tube 16oz Jar w/brush 1L Jug	56531/59231 56541/59241 56543/59243	Industrial grade, controlled locking strength, metal fittings. High temp & high performance. Gasoline resistant.	White	150,000 - 550,000 Paste	0.012	10,000	-65°F to 300°F	60	611 or 612	
427 577™ MEDIUM STRENGTH - STAINLESS STEEL											
42750 42725	50 mL Tube 250 mL Tube	21456	High Performance Sealant.	Yellow	420,000	0.012	10,000	-65°F to 300°F	90	611 or 612	
440 545™ PNEUMATIC / HYDRAULIC											
44002 44010 44050 44025 44000	1.8 mL Tube 10 mL Bottle 50 mL Bottle 250 mL Bottle 1L Jug	32429 54531 54541	Pneumatic and hydraulic sealant for fluid, power and gas system connections.	Purple	16,000	0.007	10,000	-65°F to 300°F	30	611 or 612	
442 5452™ HYDRAULIC FAST CURE											
44250	50 mL Tube	1265769	Fast curing.	Purple	15,000 - 40,000		10,000	-65°F to 300°F		611 or 612	
444 569™ HYDRAULIC - HIGH PRESSURE											
44410 44450 44425 44400	10 mL Bottle 50 mL Bottle 250 mL Bottle 1L Jug	56931 56941 56943	Hydraulic sealant, non shrink, high vibration and shock resistant.	Brown	300 - 500	0.007	10,000	-65°F to 300°F	10	612	
446 554™ REFRIGERANT - HIGH PRESSURE											
44610 44650 44625 44600	10 mL Bottle 50 mL Bottle 250 mL Bottle 1L Jug	25882 55441	Refrigerant sealant. Maximum solvent resistance.	Red	6,000 - 8,000	0.007	10,000	-65°F to 300°F	10	611 or 612	
460 567™ HIGH TEMPERATURE - STAINLESS STEEL											
46006 46050 46025 46016 46000	6 mL Tube 50 mL Tube 250 mL Tube 16 oz Jar w/brush 1L Jug	56707 56747 56765 33241 56790	General purpose. For stainless steel and other inert metal threaded pipes and fittings. Gasoline resistant.	White	350,000	0.012	10,000	-65°F to 400°F	60	611 or 612	GM 1182607
471 5770™ ELEVATED TEMPERATURE											
46050 46025	50 mL Tube 250 mL Tube		Medium strength. For pipe fittings. Works on aluminum, steel, plated, and brass.	White	30,000 - 90,000	0.007	10,000	-65°F to 500°F	15	612	
473 HIGH LUBRICITY											
47330	300 mL Cartridge		High lubricity for achieving clamp load and sealing.	Opaque Grey	80,000 - 130,000			-65°F to 500°F	30	611 or 612	
NON-CURING SEALANTS											
480 MULTI-PURPOSE - FBC COMPATIBLE											
48004 48008 48016	4 oz Jar w/brush 8 oz Jar w/brush 16 oz Jar w/brush		PTFE non-hardening and non-toxic thread sealant for use in potable water systems.	White	160,000 - 260,000		10,000	-35°F to 500°F	n/a	n/a	
481 PLASTIC - NON PTFE											
48170	70 mL Tube		For plastic and metal fittings.	Off-White	65,000 - 90,000		2,000	-65°F to 300°F	n/a	n/a	
486 MULTI-PURPOSE - NON HARDENING											
48604 48608 48616	4 oz Jar w/brush 8 oz Jar w/brush 16 oz Jar w/brush		Non-Curing Thread Sealant with PTFE. Used to seal against many liquids and gases both under pressure and vacuum.	Off-White	25,000 - 100,000		5,000	-65°F to 300°F	n/a	n/a	

TOP SELLER

TOP SELLER

Vibra-TITE®

Thread Sealants

Vibra-Tite 420 PTFE Instant Pipe Sealant - Industrial Grade with controlled lubricity, prevents galling while protecting from corrosion and rust. Parts may be repositioned up to 24 hours after assembly. Typical uses include stainless steel and all other metal fittings. **COMPETES WITH LOCTITE® 565™/592™**

Vibra-Tite 427 Medium Strength - Stainless Steel Pipe Sealant with high viscosity, locks and seals threaded fittings with high performance withstanding temperatures up to 300°F (149°C). Suitable for stainless steel. **COMPETES WITH LOCTITE® 577™**

Vibra-Tite 440 Hydraulic & Pneumatic High Pressure Sealant with excellent solvent resistance. It locks hydraulic and pneumatic connections producing a high strength, high pressure seal, while allowing easy disassembly with standard tools. Typical uses include pneumatic fittings, small pipe threads, and hydraulic fittings up to 2" in diameter. **COMPETES WITH LOCTITE® 545™**

Vibra-Tite 442 Hydraulic Fast Cure Sealant is a fast curing gel thread sealant which withstands temperatures up to 300°F (149°C). **COMPETES WITH LOCTITE® 5452™**

Vibra-Tite 444 Hydraulic High Pressure Sealant is a general purpose pipe sealant that creates an instant seal on threaded joints with a high resistance to solvents and withstands temperatures to 300°F (149°C). Typical uses: Small pipe threads and hydraulic fittings. **COMPETES WITH LOCTITE® 569™**

Vibra-Tite 446 High Pressure Sealant - Refrigerant Sealant provides excellent resistance to solvents on threaded pipes and fittings up to 3" in diameter. Typical uses include refrigeration systems and service with volatile chemicals. **COMPETES WITH LOCTITE® 554™**

Vibra-Tite 460 High Temperature - Stainless Steel Pipe Sealant prevents galling and provides an instant low pressure seal on coarse fitting threads which is further strengthened as the product cures. Assembled parts can withstand temperatures up to 400°F (204°C) and may be repositioned up to 24 hours after assembly. Typical uses include stainless steel, aluminum, galvanized metal and other inert metal threaded pipe fittings. **COMPETES WITH LOCTITE® 567™**

Vibra-Tite 480 Multi-Purpose - FBC Compatible Thread Sealant with PTFE is designed to lubricate and seal threaded connections. A non-curing and non-toxic formula, Vibra-Tite 480 contains no lead or harmful metals and can be used in potable water systems.

Vibra-Tite 486 Multi-Purpose Thread Sealant with PTFE is a creamy white paste for general purpose pipe and thread sealing. Typical applications include sealing threaded pipes, pipe fittings and flanges to seal against liquids and gases.

Benefits:

- Lubricates during assembly
- Seals regardless of assembly torque
- Seals to the burst rating of the pipe
- Provides controlled disassembly torque
- Easy dispensing
- Good chemical and temperature resistance, 300°F (150°C)
- Instant seal
- Seals and secures metal fittings

Typical Applications:

- Fire protection industry
- Chemical processing industry
- Petroleum refining industry
- Waste treatment facilities
- Utilities and power generation
- Gas compression and distribution
- Automotive and industrial equipment

Vibra-Tite Thread Sealants seal and secure metal pipes and fittings, by filling the space between threaded metal parts. Thread sealants prevent leakage caused by tape shredding, vibration loosening, solvent evaporation, and damaged threads. Vibra-Tite products are designed for both low and high pressure applications. Thread sealants seal to the burst strength of most piping systems. Because of the lubricating properties, Vibra-Tite thread sealants make it easy to assemble fittings as well as prevent galling of the threads. For repairs, parts may be disassembled with basic hand tools.



Vibra-TITE® THREAD SEALANTS

Vibra-TITE® RETAINING COMPOUNDS

- Increases the shear strength on non-threaded cylindrical metal assemblies
- Fills voids between close-fitting metal assemblies
- Creates a solid one-piece assembly
- Seals joints against leakage
- Prevents corrosion
- UV / Blacklight indicator



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Viscosity (cP)	Max Gap Fill (in)	Shear Strength (PSI)	Temp Range	Fixture Time (min.)	Specific Gravity	Suggested Primer	Specs Met
530 675™/609™ GENERAL PURPOSE - GREEN											
53002	1.8 mL Tube	60921	General purpose for: rotors, augment press fits, shafts, bushings, bearings and pulleys.	125	0.005	2300+	-65°F to 300°F	10 - 20	1.1	611 or 612	MIL-R-46082 ASTM D-5363 GM-1183024
53010	10 mL Bottle	60931									
53050	50 mL Bottle	60941/67541									
53025	250 mL Bottle	60943									
53000	1 L Jug										
535 GENERAL PURPOSE GEL - GREEN											
53550	50 mL Tube		High strength no drip anaerobic gel with good temperature and solvent resistance.	Gel	0.015		-65°F to 300°F	5 - 10	1.09	611 or 612	
53525	250 mL Tube										
538 638™ HIGH STRENGTH - GREEN											
53850	50 mL Bottle	21448	High strength for loose fitting parts.	2500	0.015	4000+	-65°F to 300°F	5	1.09	611 or 612	
53825	250 mL Bottle	21449									
53800	1 L Jug										
541 680™ HIGH STRENGTH - SLIP FIT - GREEN											
54102	1.8 mL Tube	68015	High strength gap filling. Permanently retains slip-fit. For: rotors, shafts, impellers, and splines.	1200	0.015	3000+	-65°F to 300°F	20-40	1.11	612	
54110	10 mL Bottle	68035									
54150	50 mL Bottle	68060									
54125	250 mL Bottle	68090									
54100	1 L Jug										
542 635™ HIGH STRENGTH - LARGE GAP - GREEN											
54202	1.8 mL Tube	63531	High viscosity permits larger machine tolerances. For: rotors, shafts, impellers and splines.	2000	0.015	4000+	-65°F to 300°F	20-40	1.05	612	MIL-R-46082 ASTM D-5363
54210	10 mL Bottle	63541									
54250	50 mL Bottle										
54225	250 mL Bottle										
54200	1 L Jug										
546 N/A IMPACT RESISTANT - GREEN											
54650	50 mL Bottle		Flexible for impact resistance.	600	0.015	2000+	-65°F to 300°F	20-40	1.09	611	
54625	250 mL Bottle										
54600	1 L Jug										
548 648™ RAPID CURING - GREEN											
54850	50 mL Bottle	21444	Fast fixturing for close fitting parts, high strength for stainless steel.	500	0.007	3500+	-65°F to 350°F	5	1.09	611 or 612	
54825	250 mL Bottle	21445									
54800	1 L Jug										
550 540™ CORE PLUG SEALANT - BLUE											
55050	50 mL Bottle	11358	Designed to be used on freeze, core, and cup plug applications.	8500	0.02	2300+	-65°F to 300°F	10 - 20	1.09	611	
55000	1 L Jug										
560 640™ HIGH TEMPERATURE - FAST SET - GREEN											
56002	1.8 mL Tube	64031	High temperature fast setting for: rotors, shafts, bushings, bearings and pulleys.	600	0.007	3000+	-65°F to 400°F	5 - 60	1.12	611 or 612	MIL-R-46082 ASTM D-5363
56010	10 mL Bottle	64041									
56050	50 mL Bottle										
56025	250 mL Bottle										
56000	1 L Jug										
566 660™ GAP FILLING - FOR WORN PARTS - GREY											
56650	50 mL Tube		High viscosity, press-fit, slip-fit.	Paste	0.020	2400+	-65°F to 350°F	30-45	1.04	611 or 612	
567 620™ HIGH TEMPERATURE - LARGE GAP - GREEN											
56702	1.8 mL Tube	62015	High temperature gap filling for: rotors, shafts, bushings, bearings and pulleys.	7000	0.015	3500+	-65°F to 450°F	20 - 30	1.16	611 or 612	GM-1183024
56710	10 mL Bottle	62040									
56750	50 mL Bottle	62070									
56725	250 mL Bottle	62085									
56700	1 L Jug										
160 661™ U.V. / ANAEROBIC DUAL CURE - AMBER											
16050	50 mL Bottle		Medium viscosity, press-fit, slip-fit.	700	0.020	2200+	-22°F to 300°F	30	1.1		
16025	250 mL Bottle										
16000	1 L Jug										

Vibra-TITE®

Retaining Compounds

Vibra-Tite 530 General Purpose Retaining Compound bonds metal assemblies. A low viscosity retaining compound recommended for diametral gap distances up to 0.005" to augment press fits. Withstands temperatures of up to 300° F providing a shear strength of 3,000 psi after 24 hours with a fixture time of 10 minutes. Typical uses: Rotors, shafts, bushings, bearings, and pulleys. **COMPETES WITH LOCTITE® 609™/675™**

Vibra-Tite 538 High Strength Retaining Compound provides maximum strength for use where high dynamic force or cyclic loading is anticipated. **COMPETES WITH LOCTITE® 638™**

Vibra-Tite 541 High Strength Retaining Compound cures in room temperatures filling diametral gaps up to 0.015". Typical uses include fitted cylindrical parts replacing set screws, clamp rings, and snap rings. It provides a shear strength greater than 3,000 psi after 24 hours with a fixture time of 10 minutes. **COMPETES WITH LOCTITE® 680™**

Vibra-Tite 542 High Strength Retaining Compound is a high viscosity retaining compound that allows parts to be adjusted during assembly. It provides a shear strength greater than 4,000 psi. Typical uses include slip fit components, rotors, shafts, impellers, and splines. **COMPETES WITH LOCTITE® 635™**

Vibra-Tite 546 Substantial Impact Resistance flexible for high shock/impact performance from hub to rotor.

Vibra-Tite 548 Press Fit / Rapid Cure works with continuous operating temperatures up to 350°F. Provides a shear strength greater than 3,500 psi. **COMPETES WITH LOCTITE® 648™**

Vibra-Tite 550 Core Plug Sealant is designed to be used on freeze, core, and cup plug applications. A thixotropic formula, it lends itself well to vertical dispensing. **COMPETES WITH LOCTITE® 540™**

Vibra-Tite 560 High Temperature Retaining Compound is a high temperature (400°F / 204°C), high strength adhesive for retention of cylindrical components, where disassembly is not required on press-fit assemblies. It provides a shear strength greater than 3,000 psi. Typical uses: Rotors, shafts, bushings, bearings, and pulleys with temperatures up to 400°F. **COMPETES WITH LOCTITE® 640™**

Vibra-Tite 566 Gap Filling Compound is designed for use on worn cylindrical parts where tolerances are poor. **COMPETES WITH LOCTITE® 660™**

Vibra-Tite 567 High Temperature Retaining Compound locks metal cylindrical assemblies with diametral clearances up to 0.015". Provides a shear strength greater than 3,500 psi on steel sealing against leakage while preventing corrosion. Typical uses: Rotors, shafts, bushings, bearings, and pulleys. **COMPETES WITH LOCTITE® 620™**

Benefits:

- Reduce machining costs
- Press/Shrink fits can be replaced with slip fits
- No expensive finishes required
- Increase mechanical strength of the assembly
- 100% surface contact
- Retains and seals, eliminates corrosion and seizure
- Restore fit to worn or out-of-tolerance assemblies
- Eliminate part replacement
- Part distortion is eliminated

Typical Applications:

- Mount bearings in housings or shafts
- Mount motors, gears, sprockets and pulleys on shafts
- Retain cylindrical linings
- Replace keys and set screws
- Augment slip fits
- Lock keyways
- Secure splines, bushings, bearings, oil seals, water pumps core plugs and more

Vibra-Tite Anaerobic Retaining Compounds are designed to increase shear strength on non-threaded, cylindrical metal assemblies. The liquid anaerobic material fills voids between close-fitting metal assemblies. It cures to a toughened thermoset-plastic which creates a solid one piece assembly. Retaining compounds seal joints against leakage and prevent corrosion. These materials have gained wide acceptance as a standard method for assembling press-fit and slip-fitted parts.



Vibra-TITE® RETAINING COMPOUNDS

Vibra-TITE® GASKETING



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Max Gap Fill (in)	Temperature Range	Cure Speed	Primer	Specs Met
205 CURE-IN-PLACE UV GASKETING COMPOUND										
20515	15 kg Pail		Low-flow, high-viscosity, UV-curing, acrylate urethane. Flexible and resilient. For gaskets and potting.	Translucent	40,000	n/a	-25°C to 150°C	<1 min with UV light.	n/a	
709 509™ FLEXIBLE GASKET MAKER										
70950 70930	50 mL Tube 300 mL Cart	51031 21525	Flexible flange sealant resists vibration. Fluorescent blue color aids visual assembly inspections.	Blue	65,000 - 200,000 Thixotropic	Unprimed: 0.010 Primed: 0.020	-65°F to 300°F	Unprimed: 6-48hrs Primed: 1-6hrs	611 or 612	
710 510™ HIGH TEMPERATURE RIGID FLANGE SEALANT										
71050 71025 71030	50 mL Tube 250 mL Tube 300 mL Cart	51031 51041 51074	High temperature rigid flange sealant withstands temperatures up to 400°F.	Pink	188,000 - 500,000 Thixotropic	Unprimed: 0.010 Primed: 0.020	-65°F to 400°F	Unprimed: 4-24hrs Primed: 30min-4hrs	611 or 612	
718 HIGH VISCOSITY GASKETING COMPOUND										
71850 71825	50 mL Tube 250 mL Tube		Seals joints between rigid metal faces and flanges.	Red	3,000,000 - 5,000,000	Unprimed: 0.010 Primed: 0.020	-65°F to 300°F	24 hours	611	
730 518™ FLEXIBLE GASKET MAKER - SOLVENT RESISTANT										
73050 73025 73030	50 mL Tube 250 mL Tube 300 mL Cart	51831 51845	Suitable for aluminum and rigid machined flanges.	Red	800,000 - 3,750,000 Thixotropic	Unprimed: 0.010 Primed: 0.020	-65°F to 300°F	Unprimed: 1-12hrs Primed: 15min-2hrs	611	GM-1182863
732 515™ FLEXIBLE GASKET MAKER										
73250 73225 73230	50 mL Tube 250 mL Tube 300 mL Cart	51531 51580	General purpose gasket maker that flexes with flanges.	Purple	275,000 - 950,000 Thixotropic	Unprimed: 0.010 Primed: 0.020	-65°F to 300°F	Unprimed: 4-24hrs Primed: 30min-4hrs	611	
786 2 FORM-A-GASKET										
78650	50 mL Tube	MR5922	Improves sealing of pre-formed gaskets. Solvent-based, flexible, slow-drying.	Black	500,000 - 700,000					

TOP SELLER

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RTV SILICONE GASKET MAKERS

Designed for use in mechanical assemblies, RTV Silicones create a “formed-in-place” gasket with excellent resistance to temperature, moisture, vibration, and weathering. RTV Silicones can eliminate the need for costly cut gaskets.

- Adhesion to many substrates
- Withstands extreme temp. cycling
- Excellent chemical resistance
- One-part formulation
- Room temperature cure
- Extremely flexible



Vibra-Tite Part #	Available Sizes	LOCTITE® Part #	Color	Cure Type	Temperature Range °F
992		5920™			
99280	80 mL		Copper	Oxime	-65 to 700
99230	300 mL	82046			
99291	4.5 gal				
993		598™			
99330	300 mL		Heavy Body	Oxime	-75 to 500
99391	4.5 gal	20166	Black		
995		595™			
99507	1.5 oz	80242	Clear	Acetoxy	-65 to 450
99580	80 mL				
99530	300 mL	59575			
99591	4.5 gal				
996		596™			
99680	80 mL		Red	Acetoxy	-75 to 650
99630	300 mL	59675			
99691	4.5 gal				
997		587™			
99780	80 mL		Blue	Oxime	-65 to 500
99730	300 mL	58775			
99791	4.5 gal				
998		593™			
99880	80 mL		Black	Acetoxy	-65 to 500
99830	300 mL	59875			
99891	4.5 gal				
999		5999™			
99980	80 mL		Grey	Oxime	-65 to 500
99930	300 mL	18581			
99991	4.5 gal				

Vibra-TITE®

ANTI-SEIZE COMPOUNDS

Anti-Seize lubricants are specially formulated to prevent seizing, galling, pitting, excessive wear, and corrosion. It will not wash, squeeze or burn out, even at elevated temperatures and pressure.

Benefits:

- Eases assembly and disassembly
- Reduces friction and wear
- Protects assemblies from corrosion
- Withstands high temperatures and pressures

Typical Applications:

- Gears, Chains, Cables, Sprockets, Fastener Threads



Includes Brush-Cap Applicator

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Temp Resistance	K-Value	Specs Met
906 MARINE GRADE ANTI-SEIZE WITH MOLY								
90616	16oz Jar w/brush		Protects assemblies exposed to fresh and salt water. Works well in high-humidity conditions. Contains no metals and is not a marine pollutant. Effective under extreme pressures.	Grey	100,000 Paste	2600°F	0.17	MIL-PRF-907E
9070 Silver ALUMINUM ANTI-SEIZE COMPOUND								
90702	1.8 mL Tube		Lubricant ideal for all metals to prevent seizing, galling and excessive wear. Resists harsh chemical environments. Consists of fine flakes of aluminum and graphite suspended in a blend of lubricants and oils.	Silver	120,000 - 175,000 Paste	1800°F	0.15	MIL-PRF-907F GM-6108M
90708	8oz Jar w/Brush	76732						
90706	16oz Jar w/Brush	76764						
90700	1 gal							
90705	5gal Plastic Pail	76775						
90707	100 pc fishbowl							
9071 C5-A® COPPER ANTI-SEIZE COMPOUND								
90712	1.8 mL Tube		Ideal for use on softer metal parts such as copper and brass. Protects from rust and corrosion as well as prevents seizing, galling and excessive wear. Excellent resistance to harsh chemical environments. Consists of fine flakes of copper and graphite suspended in a blend of lubricants and oils.	Copper	120,000 - 175,000 Paste	1800°F	0.15	MIL-PRF-907F
90718	8oz Jar w/Brush	51147						
90716	16oz Jar w/Brush	51007						
90710	1 gal							
90715	5gal Plastic Pail							
9072 Nickel NICKEL ANTI-SEIZE COMPOUND								
90722	1.8 mL Tube		Lubricant ideal for extreme temperatures. Copper and graphite free base. Resistant to harsh chemical environments. Excellent for stainless steel and other metal fittings.	Nickel	350,000 - 500,000 Paste	2600°F	0.15	MIL-PRF-907F
90728	8oz Jar w/Brush	77124						
90726	16oz Jar w/Brush	77164						
90720	1 gal							
90725	5gal Plastic Pail	77175						
90727	100 pc fishbowl							
908 FOOD GRADE ANTI-SEIZE								
90816	16oz Jar w/brush		Vibra-Tite Food Grade Anti-Seize is specifically developed for use in applications where incidental food contact is possible. Protects metal parts from seizure, galling, rust, corrosion and heat freeze by adhering to the metal surface.	White	122,000 Paste	1800°F	0.15	MIL-PRF-907F NSF (H1)
90800	1 Gal							

Vibra-TITE® GASKETING & LUBRICATING

Vibra-TITE®

CYANOACRYLATES

Cyanoacrylates (superglues) are single-part, clear, instant adhesives that rapidly polymerize at room temperature and develop extremely fast fixture strength. Adhesion is initiated by the presence of water moisture on the part's surface or by adding an accelerator product.



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											
304 404™ General Purpose - O-Ring Bonder - Clear											
30402	1.8 mL Tube		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
30410	1/3 oz Bottle	46551									
30428	1 oz Bottle										
30454	1 lb Bottle	46561									
309 409™ General Purpose Gel - Clear											
30903	3 gm Tube	40904	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
30920	20 gm Tube	40945									
30922	200 gm Tube	40974									
314 414™ Plastic Bonder - Clear											
31402	1.8 mL Tube		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
31428	1 oz Bottle	41450									
31454	1 lb Bottle	41461									
316 416™ Gap Filling Plastic Bonder - Clear											
31602	1.8 mL Tube		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
31628	1 oz Bottle	41650									
31654	1 lb Bottle	41661									
320 420™ Wicking Type Plastic Bonder - Clear											
32002	1.8 mL Tube		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
32028	1 oz Bottle	42050									
32054	1 lb Bottle	42061									
322 422™ Gap Filling Plastic Bonder - Clear											
32202	1.8 mL Tube		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
32228	1 oz Bottle	42250									
32254	1 lb Bottle	42261									
344 444™ Wire Tacking - Clear / Fluorescent											
34402	1.8 mL Tube		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
34428	1 oz Bottle										
34454	1 lb Bottle	12294									
362 462™ Thermal Cycling - Clear											
36202	1.8 mL Tube		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
36220	20 gm Bottle										
36254	1 lb Bottle	49861									
381 382™ Gap Filling - Wire Tacking - Clear											
38102	1.8 mL Tube		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	
38120	20 gm Bottle										
38128	1 oz Bottle										
38154	1 lb Bottle										
395 495™ General Purpose - Clear											
39502	1.8 mL Tube		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
39528	1 oz Bottle	49550									
39554	1 lb Bottle	49561									
39599	100 pc fishbowl										

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Vibra-Tite 304 General Purpose O-Ring Bonder

A single component, low to medium viscosity cyanoacrylate adhesive. Suitable for general purpose applications on metals, rubbers, and plastics.

Competes with Loctite[®] 404[™].



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	1.8 mL Tube		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
33028	1 oz Bottle	43050									
33054	1 lb Bottle	43061									
SURFACE INSENSITIVE											
301		401[™]	Surface Insensitive - General - Clear								
30102	1.8 mL Tube		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	
30114	15 mL Bottle	40140									
30114BC	15 mL Bottle	40140									
30120	20 gm Bottle	40140									
30154	1 lb Bottle	40161									
30104	4 lb Jug										
306		406[™]	Surface Insensitive - Wicking - Clear								
30602	1.8 mL Tube		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
30620	20 gm Bottle	40640									
30654	1 lb Bottle	40661									
331			Surface Insensitive - Gap Filling - Clear								
33102	1.8 mL Tube		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
33114	.5 oz Bottle										
33120	20 gm Bottle										
33154	1 lb Bottle										
333		433[™]	Surface Insensitive - General Purpose - Clear								
33302	1.8 mL Tube		Designed to set and adhere rapidly to inactive surfaces.	250-350	0.006	3000-3500	-65 to 200	30sec	1.05	Ethyl	
33320	20 gm Bottle	40994									
33354	1 lb Bottle	40995									
347		447[™]	Surface Insensitive - General Purpose - Clear								
34702	1.8 mL Tube		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
34714	.5 oz Bottle										
34720	20 gm Bottle										
34728	1 oz Bottle										
34754	1 lb Bottle										
354		454[™]	Surface Insensitive - Porous Gel - Clear								
35403	3 gm Tube	45404	Ideal for bonding porous materials or when controlling adhesive flow is critical. Offers maximum gap filling and repositioning time.	9,500 - 12,500	0.01	3500	-65 to 200	75sec	1.08	Ethyl	A-A3097 Type II - Class 4
35420	20 gm Tube	45440									
35422	200 gm Tube										
35430	300 gm Cart	45478									
355			Surface Insensitive - Flowable Gel - Clear								
35528	1 oz Bottle		Flowable gel to fill medium-sized gaps. Can use on wood, leather, and fiberglass mat.	8,000	0.009	3200	-65 to 200	20sec	1.06	Ethyl	A-A3097 Type II - Class 3
35554	1 lb Bottle										

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CYANOACRYLATE REMOVER

Use Vibra-Tite 642 Cyanoacrylate Remover to get rid of dried super glue adhesive. This product works by dissolving and softening dried super glue, so it can be wiped away.

- Removes cured cyanoacrylate from metal, stone, glass, and more
- Better than acetone for dissolving glue
- Includes brush-cap applicator
- Made in the U.S.A.
- Competes with Loctite® 768™ X-NMS™

Product: 64230
Size: 30 mL



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	20 gm Bottle	40340	No-odor and non-blooming characteristics.	1200-1500	0.008	3200 / tds 2600	-65 to 200	30sec	1.05	Alkoxy-Alkyl	
30354	1 lb Bottle	40361									
308		408™	Low Odor & Low Bloom - Wicking - Clear								
30802	1.8 mL Tube	40840 40861	No-odor and non-blooming characteristics for when vapor control is an issue.	5-15	0.002	2400	-65 to 200	15sec	1.05	Alkoxy-Alkyl	
30820	20 gm Bottle										
30854	1 lb Bottle										
360		460™	Low Odor & Low Bloom - General Purpose - Clear								
36002	1.8 mL Tube	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	
36020	20 gm Bottle										
36054	1 lb Bottle										
RUBBER TOUGHENED											
310		410™	Rubber Toughened - Gap Filling - Black								
31002	1.8 mL Tube	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
31020	20 gm Bottle										
31054	1 lb Bottle										
311		411™	Rubber Toughened - Shock & Impact Resistant - Clear								
31102	1.8 mL Tube	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
31120	20 gm Bottle										
31128	1 oz Bottle										
31154	1 lb Bottle										
335			Rubber Toughened - General Purpose - Clear								
33502	1.8 mL Tube		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
33520	20 gm Bottle										
33528	1 oz Bottle										
33554	1 lb Bottle										
388		380™	Rubber Toughened - Shock/Temp Resistant - Black								
38802	1.8 mL Tube	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
38828	1 oz Bottle										
38854	1 lb Bottle										
HD RUBBER BONDER											
370			Rubber Bonder - Wicking - Clear								
37020	20 gm 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
37054	1 lb Bottle										
373			Rubber Bonder - Gap Filling - Clear								
37320	20 gm 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
37354	1 lb Bottle										



Vibra-TITE

Light Cure Adhesives

Vibra-Tite light cure adhesives are single-part, photo-initiated acrylates that cure on demand when exposed to UV-light.

- Almost instant cure
- Some cure with very low intensity
- Flexible or rigid products available
- High optical clarity & non-yellowing
- Bonds a wide range of substrates



Vibra-TITE BONDING PRODUCTS

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Lamp Cure	LED Cure (nm)	Add'l Cure	Color	Substrate Adhesion*	Viscosity (cP)	Shear Strength (PSI) ¹	Tensile Strength (PSI) ²	Operational Temp.
208 IMPACT RESISTANT GEL												
20831	30 mL Syringe		Dual cure. High tensile strength. Excellent adhesion on most substrates.	H Bulb;	365; 395;	Vibra-Tite Activator 638	Opaque	GRS, SS, GAL, AL, GL, FG, PS, ABS, ACR, PVC	180,000	1,500	2,500	-65°F (-54°C) to 188°F (87°C)
20800	1 L Bottle			D Bulb	455							
209 ALL-PURPOSE												
20900	1 L Bottle		Medium-high viscosity. Adhesion to many substrates.	H Bulb;	365; 395;	n/a	Optically Clear	GRS, SS, GAL, AL, GL, FG, PS, ABS, ACR, PVC	6,500	1,600	1,100	-65°F (-54°C) to 188°F (87°C)
211 GLASS BONDER - LOW VISCOSITY												
21150	50 mL Bottle		High tensile strength. Adheres well to metals.	H Bulb;	365; 395;	n/a	Optically Clear	CRS, SS, GAL, AL, FG	200	400	2,900	-65°F (-54°C) to 250°F (121°C)
21100	1 L Bottle			D Bulb								
215 POTTING MATERIAL												
21550	50 mL Bottle		Medium-high viscosity. Good depth of cure.	H Bulb;	365; 395;	n/a	Optically Clear	AL	8,000	400	900	-65°F (-54°C) to 250°F (121°C)
21500	1 L Bottle			D Bulb	455							
220 GLASS BONDER - MEDIUM VISCOSITY												
22050	50 mL Bottle		Medium viscosity. Good shear strength. Good adhesion to steel, aluminum, polystyrene.	H Bulb;	365; 395;	n/a	Optically Clear	CRS, GAL, AL, PS, PVC	1,800	2,000	1,700	-65°F (-54°C) to 250°F (121°C)
22025	250 mL Bottle			D Bulb								
22000	1 L Bottle											
229 349™ GLASS BONDER												
22950	50 mL Bottle	34931	Medium-high viscosity. Adhesion to glass and metals.	H Bulb;	365	n/a	Optically Clear	CRS, SS, GAL, GL, FG, PS, PVC	7,500	1,000	900	-65°F (-54°C) to 266°F (130°C)
22900	1 L Bottle	34990		D Bulb								
230 352™ IMPACT RESISTANT												
23050	50 mL Bottle	35241	Multiple cure methods. High shear and tensile strength. Adhesion to glass and steel.	H Bulb;	365; 395;	Heat; Activator 600; 638	Slight Yellow; Fluorescent	GAL	14,500	2,600 ¹	2,200 ³	-65°F (-54°C) to 374°F (190°C)
23000	1 L Bottle	35286		D Bulb	455							
241 WINDSHIELD REPAIR												
24150	50 mL Bottle		Very low viscosity. High tensile strength.	H Bulb;	365	n/a	Optically Clear	CRS, SS, AL, GL, FG, PS	70	200	3,400	-65°F (-54°C) to 250°F (121°C)
24100	1 L Bottle			D Bulb								
245 GLASS BONDER - MEDIUM / HIGH VISCOSITY												
24550	50 mL Bottle		Extremely high tensile strength.	H Bulb;	365; 395;	n/a	Optically Clear	GL	6,300	1,600	4,700	-65°F (-54°C) to 250°F (121°C)
24500	1 L Bottle			D Bulb	455							
249 GLASS BONDER - HIGH VISCOSITY												
24950	50 mL Bottle		Bonds glass to glass, metal, fiberglass, PS, ABS, and PVC.	H Bulb;	365	n/a	Optically Clear	CRS, GAL, AL, GL, FG, PS, ABS, PVC	13,500	1,400	1,300	-65°F (-54°C) to 250°F (121°C)
24925	250 mL Bottle			D Bulb								
24900	1 L Bottle											
250 DOMING MATERIAL												
25050	50 mL Bottle		Low wet-out properties. Great depth of cure.	H Bulb;	365; 395;	n/a	Optically Clear	GAL, PS	2,000 - 3,000	150	6,000	-65°F (-54°C) to 188°F (87°C)
25000	1 L Bottle			D Bulb	455							
265 3972™ INDUSTRIAL BONDING												
26550	50 mL Bottle		Medium viscosity. High tensile strength.	H Bulb;	365; 395;	n/a	Optically Clear	GL, PVC	3,000	970 ¹	2,500	-65°F (-54°C) to 250°F (121°C)
26500	1 L Bottle			D Bulb	455							
291 3921™ NEEDLE BONDER - VISIBLE W/ FLUORESCENCE												
29150	50 mL Bottle		Bonds medical devices and needles. Low viscosity.	H Bulb;	365; 395;	n/a	Optically Clear; Fluorescent	AL, FG, PS, ABS, ACR	75	600	2,300	-65°F (-54°C) to 300°F (149°C)
29100	1 L Bottle	36485		D Bulb	455							
294 PLASTIC BONDER												
29450	50 mL Bottle		Medium viscosity. Good adhesion to most substrates.	H Bulb;	365; 395;	n/a	Optically Clear	CRS, SS, GAL, AL, GL, FG, PS, ABS, ACR, PVC	750	1,200	2,000	-65°F (-54°C) to 188°F (87°C)
29400	1 L Bottle			D Bulb	455							
297 3971™ NEEDLE BONDER - VISIBLE W/ FLUORESCENCE												
29750	50 mL Bottle		Bonds medical devices and needles. Low viscosity.	H Bulb;	365; 395;	n/a	Optically Clear; Fluorescent	GL, ACR, PVC	200	1,300	1,600	-65°F (-54°C) to 188°F (87°C)
29700	1 L Bottle	36805		D Bulb	455							

*Substrates:

CRS = Cold Rolled Steel
 SS = Stainless Steel
 GAL = Galvanized Steel
 AL = Aluminum
 GL = Glass
 FG = Fiberglass

PS = Polystyrene
 ABS = Acrylonitrile Butyl Styrene
 ACR = Acrylic
 PVC = Polyvinyl Chloride

1 - Values obtained from steel to glass block shear.
 2 - Values obtained from dog bone shaped specimens.
 3 - Values obtained from steel lap shear with Vibra-Tite 638 activator.
 4 - Values obtained from polycarbonate lap shear.

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 LOCTITE is a registered trademark and 349, 352, 3921 and 3971 are trademarks of Henkel IP & Holding GMBH, LLC.

EPOXIES

Vibra-Tite Part #	Available Sizes	Mix Nozzle #	Product Description and Comparison	Viscosity (cP)	Shear Strength (PSI)	Mix Ratio	Temp Range	Fixture Time	Full Cure	Specific Gravity
905										
2 PART QUICK CURE - CLEAR										
90550	50 mL Dual Cart	M050EP01	Compare to 3M™ DP100®	Part A: 10,000	Etched Al: 1,500	1:1	-20°F to 250°F	4-6 min.	24 hrs.	Part A: 1.16
90540	400 mL Dual Cart	M400EP01		Part B: 12,000	CRS: 1,000					Part B: 1.14
909										
NON-MERCAPTAN, FAST CURE - YELLOW										
90988	10 gallon Kit	n/a	For bonding composites, ceramic, plastics.	Part A: 8,750	CRS: 1,000	1:1	-40°F to 300°F	10-15 min.	5 days	Part A: 1.1
909HV										
HIGH VISCOSITY, NON-MERCAPTAN, FAST CURE										
90940HV	400 mL Dual Cart	M400EP01	For bonding composites, ceramic, plastics.	Paste	CRS: >1,000	1:1	-40°F to 300°F	10-15 min.	5 days	Part A: 1.2
90995HV	2 pint Kit	n/a								Part B: 1.62
910G										
NON-SAG, HIGH VISCOSITY, FAST CURE										
91050G	50 mL Dual Cart	M050EP01	Blue resin and yellow hardener dispense as green.	non-sagging paste	Etched Al: 1,200	1:1	-40°F to 300°F	4-6 min.	12 hrs.	Part A: 1.2
91020G	200 mL Dual Cart	M400EP01			CRS: 1,600					Part B: 1.1
91040G	400 mL Dual Cart	M400EP01								
910GY										
NON-SAG, HIGH VISCOSITY, FAST CURE										
91050GY	50 mL Dual Cart	M050EP01	White resin and black hardener dispense as grey.	non-sagging paste	Etched Al: 1,200	1:1	-40°F to 300°F	4-6 min.	12 hrs.	Part A: 1.2
91040GY	400 mL Dual Cart	M400EP01			CRS: 1,600					Part B: 1.1
912										
HIGH VISCOSITY, EXTENDED WORK LIFE - AMBER										
91250	50 mL Dual Cart	M050EP01	Compare to Loctite EA E-120HP. Strong resistance to peel and impacts.	Part A: 51,000	Etched Al: 2,000	2:1	-40°F to 300°F	120 min.	24 hrs.	Part A: 1.1
				Part B: 3,000	CRS: 4,200					Part B: 1.0
915										
EPOXY - GREY										
91550	50 mL Dual Cart	M050EP01	Compare to Hysol E 60 NC	Part A: 7,000	Etched Al: 2,700	1:1	-40°F to 300°F	90 min.	24-72 hrs.	Part A: 1.15
91540	400 mL Dual Cart	M400EP01		Part B: 17,500	CRS: 2,700					Part B: 1.01
916										
EPOXY - GREY										
91650	50 mL Dual Cart	M050EP01	Compare to Hysol E 60 HP	Part A: 60,000	Etched Al: 4,300	2:1	-40°F to 250°F	70-90 min.	24-72 hrs.	Part A: 1.16
91640	400 mL Dual Cart	M400EP01		Part B: 5,000	CRS: 3,300					Part B: 1.06
920										
HIGH PEEL / HIGH SHEAR										
92050	50 mL Dual Cart	M050EP01	Good adhesion to thermoplastics.	Part A: 50,000	3,500	2:1	-40°F to 300°F	70-90 min.	24-72 hrs.	Part A: 1.12
92040	400 mL Dual Cart	M400EP01		Part B: 4,000						Part B: 1.01
923										
ALUMINUM BONDER, FLOWABLE - CREAM										
92350	50 mL Dual Cart	M050EP01	Flowable material.	Part A: 65,000	Etched Al: 3,000	2:1	-40°F to 300°F	20 min.	24-72 hrs.	Part A: 1.16
92340	400 mL Dual Cart	M400EP01		Part B: 12,000	CRS: 4,000					Part B: 0.96
923NS										
ALUMINUM BONDER, NON-SAG - CREAM										
92350NS	50 mL Dual Cart	M050EP01	Non-sag material.	Paste	Etched Al: 3,000	2:1	-40°F to 300°F	20 min.	24-72 hrs.	Part A: 1.16
					CRS: 4,000					Part B: 1.06
930										
HEAT CURE EPOXY - SILVER										
93030	300 mL Cart	T300CT or T300FX	Excellent adhesion to oily metal surfaces.	900,000	Etched Al: 3,900	1 Part	-40°F to 300°F	30 min. @350°F	30 min. at 350°F	1.38
940										
SELF-LEVELING EPOXY POTTING COMPOUND / ADHESIVE										
94050	50 mL Dual Cart	M050EP01	Compare to Loctite® EA E-40EXP™	Part A: 20,000	2,800	2:1	-40°F to 300°F	75 min.	24-72 hrs.	Part A: 1.14
94040	400 mL Dual Cart	M400EP01		Part B: 2,000						Part B: 1.05
941										
ENCAPSULATING COMPOUND - GOOD SURFACE APPEARANCE										
94150	50 mL Dual Cart	M050EP01	Strong thermoplastic adhesion.	Part A: 15,000	CRS: >3,000	1:1	-40°F to 300°F	180 min.	24 hrs.	Part A: 1.17
94188	5 gallon pail Kit	n/a		Part B: 150						Part B: 0.99
943										
FLEXIBLE, TOUGHENED										
94350	50 mL Dual Cart	M050EP01		Part A: 69,000	CRS: 2,700	2:1	-40°F to 300°F	16 min.	24 hrs.	Part A: 1.17
				Part B: 11,000						Part B: 0.99
944										
FLEXIBLE, TOUGHENED, NON-SAG, GREY										
94420	200 mL Dual Cart	M400EP01	Long pot life. Minimal flow.	Part A: 210,000	CRS: 4,600	2:1	-40°F to 300°F	50-70 min.	24 hrs.	Part A: 1.17
				Part B: 22,500						Part B: 0.99
953										
RAPID CURE, NON-SAG										
95340	400 mL Dual Cart	M400EP01	Ideal for metal bonding and seam sealing.	Part A: Paste	CRS: <4,000	1:1	-40°F to 400°F	5-6 min.	24 hrs.	Part A: 1.18
				Part B: 7,500						Part B: 1.13
955										
HIGHLY FLEXIBLE										
95550	50 mL Dual Cart	M050EP01	For high strength structural bonds.	Part A: 10,000	Etched Al: 3,600	1:1	-40°F to 300°F	20 min.	24 hrs.	Part A: 1.16
95554	1 lb. Kit	n/a		Part B: 10,000	CRS: 1,750					Part B: 1.15
990										
FLEXIBLE, TOUGHENED - OFF-WHITE										
99050	50 mL Dual Cart	M050EP01	Compares to Hysol E 120 HP	Part A: 41,000	Etched Al: 3,500	2:1	-40°F to 300°F	140-180 min.	24-72 hrs.	Part A: 1.14
99040	400 mL Dual Cart	M400EP01		Part B: 2,000	CRS: 4,000					Part B: 0.98
PS014										
EPOXY PUTTY STICK - GREY										
PS014G	4 oz. Stick	n/a	Activated by hand-mixing.	Putty	700	1:1	-20°F to 250°F	5 min.	1 hr.	1.5
PS034										
EPOXY PUTTY STICK - BLACK										
PS034B	4 oz. Stick	n/a	Activated by hand-mixing.	Putty	700	1:1	-20°F to 250°F	5 min.	1 hr.	1.5

MS POLYMER (modified silane)

Vibra-Tite Part #	Available Sizes	Color	Viscosity	Specific Gravity	Extrusion Rate	Cure Method	Skin-Over Time	Durometer	Service Temp. Range	Elongation Percentage	Shear Strength
816											
81630	300 mL Cart	Black, White, or Gray	Paste	1.3 - 1.7	338 g/min, 40 psi at 5mm dia.	Moisture	8 minutes	Shore A 38	-40°F (-40°C) to 200°F (93°C)	>540%	300 psi
81605	5 Gallon Pail										
81655	55 Gallon Drum										
817											
81730	300 mL Cart	Black, White, or Gray	Paste	1.3 - 1.7	484 g/min, 40 psi at 5mm dia.	Moisture	7 minutes	Shore A 58	-40°F (-40°C) to 200°F (93°C)	>240%	295 psi

METHACRYLATE ADHESIVES

Vibra-Tite acrylic (methacrylate) adhesives are a room temperature curing, non-sagging, 2-part system comprised of resin and activator. Our adhesives respond well to dissimilar materials and a wide range of temperatures.

Vibra-TITE BONDING PRODUCTS







TOP SELLER

Vibra-Tite Part #	Available Sizes	Mix Nozzle #	Product Description	Available Colors	Mix Ratio By Vol.	Working Time (min)	Fixture Time (min)	Tensile Strength (PSI)	Viscosity Range (cP)
PB300 All Purpose - Fast Set Time; High Strength (Competes with Plexus® MA300)									
PB30050	50 mL Cart	M050PB01	General purpose. Adheres to most substrates. Rapid cure time.	Black, Natural	1:1	3-7	10-15	2,500-3,500	40,000-80,000
PB30040	400 mL Cart	M400PB01							
PB305 All Purpose - Extremely Fast Set Time (Competes with Plexus® MA305)									
PB30550	50 mL Cart	M050PB01	Very rapid gel and fixture time. Adheres to most substrates.	Black, Natural	1:1	2-3	4-6	2,500-3,500	40,000-80,000
PB30540	400 mL Cart	M400PB01							
PB310 All Purpose - For Difficult-To-Bond; High Strength (Competes with Plexus® MA310)									
PB31050	50 mL Cart	M050PB01	Use with plastics that are difficult to bond. Works great on fiberglass.	Black, Natural	1:1	8-15	18-25	3,000-3,800	40,000-80,000
PB31040	400 mL Cart	M400PB01							
PB330 All Purpose - Medium Set Time; High Strength (Competes with Plexus® MA330)									
PB33050	50 mL Cart	M050PB01	Use when a medium amount of open time is desired.	Black, Natural	1:1	15-24	30-45	3,000-3,800	40,000-80,000
PB33040	400 mL Cart	M400PB01							
PB500 All Purpose - Low Surface Energy Bonder (Competes with 3M DP8010 and Loctite 3035)									
PB50050	50 mL Cart	M050PB01	Use to bond low surface energy materials, such as PPE and HDPE.	Black, Natural	1:1	4-5	20-120	1,100-1,400	35,000-75,000
PB50040	400 mL Cart	M400PB01							
PB530 All Purpose - Moderate Set Time; High Strength (Competes with Plexus® MA530)									
PB53050	50 mL Cart	M050PB01	Use when moderate amount of open time is desired.	Black, Natural	1:1	25-35	60-90	3,000-3,800	40,000-80,000
PB53040	400 mL Cart	M400PB01							
PB560 All Purpose - Long Set Time; High Flex (Competes with Plexus® MA560-1)									
PB56050	50 mL Cart	M050PB01	Use when long amount of open time is desired.	Gray	1:1	55-70	200-260	2,200-2,800	140,000-180,000
PB56040	400 mL Cart	M400PB01							
PB590 All Purpose - Longest Set Time; High Flex (Competes with Plexus® MA590)									
PB59050	50 mL Cart	M050PB01	Use when the longest amount of open time is desired.	Gray	1:1	90-110	260-400	2,200-2,800	140,000-180,000
PB59040	400 mL Cart	M400PB01							
PB700 Bead-On-Bead, Low Viscosity									
PB70050	50 mL Cart	N/A	Engineered to bond at non-specific mix ratios with exceptional flexibility and strength.	Amber	1:1	1	5	2,500	1,300-1,800
PB70040	400 mL Cart	N/A							
PB320 All Purpose - Medium Set Time; High Strength (Competes with Plexus® MA320)									
PB32050	50 mL Cart	M050PB10	Toughened formula. Medium cure speed. No preparation needed.	Black, Gray, Natural	10:1	8-15	18-25	2,500-3,500	140,000-180,000
PB32049	490 mL Cart	M490PB10							
PB405 All Purpose - Extremely Fast Set Time (Competes with Plexus® MA205HV)									
PB40550	50 mL Cart	M050PB10	Toughened formula. Fast setting.	Black, Gray, Natural	10:1	2-4	4-8	2,500-3,500	140,000-180,000
PB40549	490 mL Cart	M490PB10							
PB420 All Purpose - Fast Set Time; High Strength (Competes with Plexus® A0/MA420)									
PB42050	50 mL Cart	M050PB10	Requires virtually no surface preparation. Impact resistant.	Black, Gray, Natural	10:1	4-7	10-15	2,500-3,500	140,000-180,000
PB42049	490 mL Cart	M490PB10							
PB422 All Purpose - Slow Set Time; High Strength (Competes with Plexus® MA422)									
PB42250	50 mL Cart	M050PB10	Use when moderate amount of open time is desired. Toughened formula.	Black, Gray, Natural	10:1	18-24	30-45	2,500-3,500	140,000-180,000
PB42249	490 mL Cart	M490PB10							
PB550 Marine - U.V. Stable White (Competes with Plexus® MA550)									
PB55050	50 mL Cart	M050PB10	Excellent for marine industry usage.	White	10:1	40-60	80-110	2,000-2,500	140,000-180,000
PB55049	490 mL Cart	M490PB10							
PB600 Medium Strength, High Flexibility									
PB60049	490 mL Cart	M490PB10	Toughened formula. Where extreme flexibility is required.	Amber	10:1	5	10	1,500	4,000-8,500

TOP SELLER

ADHESIVE DISPENSING EQUIPMENT AND ACCESSORIES

Vibra-Tite Part #	Product Description	
D050R01	Dispense Gun, 50 mL Dual Cartridge, 1:1 and 2:1 Ratio, Manual, Plastic	
D050R10	Dispense Gun, 50 mL Dual Cartridge, 10:1 Ratio, Manual, Plastic	
D400RVA	Dispense Gun, 200, 400, and 490 mL Dual Cartridge, 1:1, 2:1, and 10:1 Ratio, Manual, Metal	
D400RVP	Dispense Gun, 200, 400, and 490 mL Dual Cartridge, 1:1, 2:1, 4:1, and 10:1 Ratio, Pneumatic powered, Metal	
D490R10	Dispense Gun, 490 mL Dual Cartridge, 10:1 Ratio, Pneumatic, Metal	

Vibra-Tite Part #	Product Description	
M050EP01	Mix Nozzle, 50 mL, Square, 16 Elements, 1:1 and 2:1 Ratio, 3.25" Length, 5.3 mm I.D.	
M050PB01	Mix Nozzle, 50 mL, Square, 16 Elements, 1:1 and 2:1 Ratio, 3.6" Length, 5.3 mm I.D.	
M050PB10	Mix Nozzle, 50 mL, Square, 24 Elements, 10:1 Ratio, 4.8" Length, 5.3 mm I.D.	
M400EP01	Mix Nozzle, 400 mL, Square, 24 Elements, 1:1 and 2:1 Ratio, 5.8" Length, 8 mm I.D.	
M400PB01	Mix Nozzle, 400 mL, Oval, 18 Elements, 1:1 and 2:1 Ratio, 7.3" Length, 8 mm I.D.	
M490PB10	Mix Nozzle, 490 mL, Square, 24 Elements, 10:1 Ratio, 6.2" Length, 8 mm I.D.	

Vibra-TITE®

STRUCTURAL ACRYLIC ADHESIVES

are a Methacrylate technology, room temperature curing, non-sagging, 2-part, no-mix system comprised of resin and hardener. It forms structural bonds on metal, composite, plastic, wood, ceramic and many other substrates. They are ideal for parts where extended open time is needed.



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP) at 20 RPM	Max Gap Fill (in)	Shear Strength (PSI)	Temp Range	Fixture Time	Specific Gravity	Activator
212		312™	NO-MIX STRUCTURAL ACRYLIC								
21250	50 mL Bottle	31231	Fast cure on close fitting parts.	Amber	1,000	0.003	>2000	-65°F to 300°F	30 Sec	1.08	611
21200	1 L Bottle	31243									
224		324	HIGH IMPACT NO-MIX STRUCTURAL ADHESIVE								
22450	50 mL Bottle	32430	Bonds a wide range of substrates.	Clear	10,000 - 25,000	0.040	2500-3600	-60°F to 212°F	5 Min.	1.05	638
225		325™	NO-MIX STRUCTURAL ACRYLIC								
22550	50 mL Bottle	32530	Severe environment applications. Solvent resistant.	Transparent / Dark Brown	20,000	0.040	2200	-65°F to 300°F	5 Min.	1.11	611
22500	1 L Bottle	32586									
226		326	NO-MIX STRUCTURAL ACRYLIC								
22650	50 mL Bottle	32629	Fast fixturing applications.	Transparent / Dark Brown	18,000	0.0420	3500	-65°F to 250°F	1 Min.	1.10	611
22600	1 L Bottle	32685									
233		330™	NO-MIX STRUCTURAL ACRYLIC - RUBBER TOUGHENED								
23350	50 mL Bottle	33081	Rough or porous surfaces.	Pale Yellow	67,500	0.005	3300	-65°F to 250°F	5 Min.	1.05	600 / 638
23300	1 L Bottle										
240		392	NO-MIX STRUCTURAL ACRYLIC								
24050	50 mL Bottle	39250	Fast fixturing magnet bonder.	Amber	1,000	0.025	2500	-65°F to 325°F	1 Min.	1.08	600 / 638
24000	1 L Bottle	39280									
274			NO-MIX STRUCTURAL ACRYLIC								
27450	50 mL Bottle		RVM Rear view mirror bonder.	Amber	3,200	0.01	2300	-65°F to 250°F	1 Min.	1.1	611
27400	1 L Bottle										

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POLYURETHANES

Vibra-Tite Urethanes are high strength adhesives for bonding wood, metal, glass, stone, ceramic, brick, fiberglass, carbon, foam and more.

- Ideal for industrial assembly and household repairs
- 100% Waterproof
- Temperature resistant
- Low foam formulations



Vibra-Tite Part #	Available Sizes	Color	Viscosity	Specific Gravity	Mix Ratio	Cure Method	Work Life	Full Cure	Service Temp Range	Durometer	Overlap Shear Strength
989											
98902	2 oz Bottle	Amber	7,000	1.1	1 Part	Moisture	25 - 30 minutes	24 hours	-20°F (-29°C) to 200°F (93°C)	Shore D 45-55	5 mm CRS, @ 750 psi
98904	4 oz Bottle										
98908	8 oz Bottle										
98916	16 oz Bottle										
98900	1 L										



VINYL AWNING PINHOLE REPAIRS MADE EASY

1. Brush product over vinyl pinhole.
2. Dry for 20 minutes before closing vinyl awning.
3. Apply second coat, if needed.

Includes Brush-Cap Applicator

Product: 83230BK (for black)
83230WH (for white)

Size: 30 mL

Vibra-TITE®

PRIMERS, ACTIVATORS & ACCELERATORS

Vibra-Tite surface preparation products promote maximum performance of adhesives and sealants.



Includes Atomizer



Cyanoacrylate Primer Pen



Vibra-TITE® SURFACE PREPARATION

Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Base	On-Part Life	Dry Time	Application
600		7380™	EXCEL STRUCTURAL ACTIVATOR						
60028	1 oz Bottle		Structural activator.	Light Brown	43	Monomer	8 Hrs	None	Structurals
60002	2 oz Bottle								
60025	250 cc Bottle								
60000	1 L Bottle	19822							
611		7649™	EXCEL PRIMER N						
61102	2 oz Bottle		General purpose primer.	Clear / Green	2	Acetone	30 Days	30-70 Sec	Anaerobics & Structurals
61108	8 oz Bottle								
61100	1 gal Can	19266							
612		7471™	EXCEL PRIMER T						
61202	2 oz Bottle		Fast acting primer.	Amber	2	Acetone / Isopropanol	7 Days	30-70 Sec	Anaerobics
61208	8 oz Bottle								
61200	1 gal Can	19268							
621		7113™	EXCEL ACCELERATOR						
62102	2 oz Bottle			Clear	0.4	Heptane	24 Hrs	1 Min.	All Cyanoacrylates
62108	8 oz Bottle								
62100	1 gal Can	19606							
623			EXCEL ACCELERATOR						
62302	2 oz Bottle		General purpose accelerator.	Clear / Amber	1	Heptane	1 Min	1 Min.	All Cyanoacrylates
62308	8 oz Bottle								
62300	1 gal Can								
624		712™	EXCEL ACCELERATOR						
62402	2 oz Bottle		Cyanoacrylate Accelerator.	Clear / Amber	1	Isopropanol	1 Min	<30 Sec	All Cyanoacrylates
62408	8 oz Bottle								
62400	1 gal Can	18390							
625		770™	EXCEL POLYOLEFIN PRIMER						
62502	2 oz Bottle		Cyanoacrylate Primer for polyolefin and other low energy surfaces.	Clear / Amber	1	Heptane	8 Hrs	<30 Sec	All Cyanoacrylates
62508	8 oz Bottle								
62500	1 gal Can								
626			EXCEL POLYOLEFIN PRIMER						
62610	10 mL Pen		Cyanoacrylate Primer for polyolefin and other low energy surfaces.	Clear / Amber	1	Acetone	8 Hrs	<30 Sec	All Cyanoacrylates
62602	2 oz Bottle								
62608	8 oz Bottle								
62600	1 gal Can								
638		7387™	EXCEL STRUCTURAL ACTIVATOR						
63802	2 oz Bottle		General structural activator.	Light Brown	1.5	Heptane / Isopropanol	1 Hr	None	Structurals
63808	8 oz Bottle								
63800	1 L Bottle								

www.vibra-tite.com

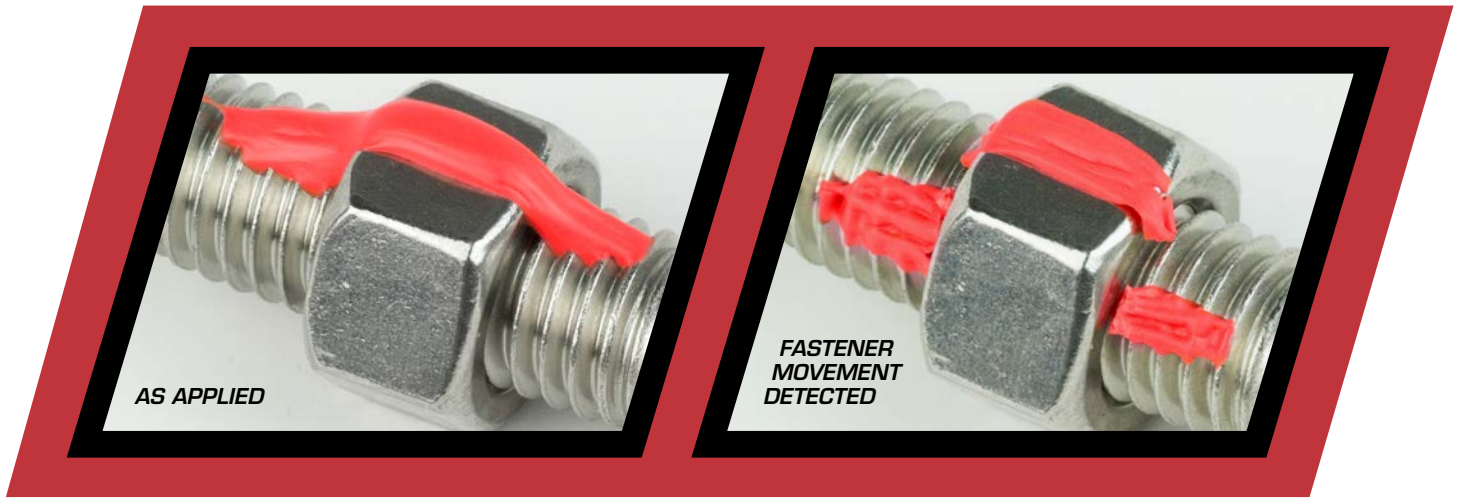
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VIZ-TORQUE[®]

TAMPER DETECTION MARKER

VISUALLY IDENTIFIES LOOSE FASTENERS

Viz-Torque is an inspection paste applied across completed fittings, assemblies, nuts, bolts and studs to show whether a part has been moved from its original position.



Easy to use

Simply apply a single bead of Viz-Torque material across the assembled fasteners and allow to dry. No need to prepare surfaces.



Fast Identification

A bright, highly visible colored paste which will fluoresce under black light, making it easy to detect without requiring testing.



Dries Quick

Skins over in 20 seconds, dries in 20 minutes and is fully cured in 24 hours. Dry time can be reduced by increasing air flow.

FEATURES

- ✓ Exhibits good adhesion to most metals when applied to a clean, dry surface.
- ✓ Helps quality control by providing warranty management in the event of tampering.
- ✓ Does not easily wash off with water or mild solvents.
- ✓ Compatible with most metals, paints and plastics.

COLORS

1 oz. (30 mL) tube of Viz-Torque is available in a variety of colors to meet your visual identification needs.

COLOR	NUMBER	COLOR	NUMBER
Orange	20211	White	20251
Green	20221	Black	20261
Blue	20231	Yellow	20271
Red	20241	Pink	20281



Vibra-TITE[®]
A Vibra-Tite Product

www.viz-torque.com
www.vibra-tite.com

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Spatter build-up inside nozzles and tips restricts inert gas flow causing porous welds. In addition, frequent cleaning or disposal of consumables leads to downtime and higher running costs.



Thermal Defender™ coatings provide protection against spatter build-up allowing the inert gas to flow freely; greatly reducing maintenance and increasing productivity.



USER-APPLIED TD-97

TD-97 is a dry film ceramic coating which is sprayed onto parts to protect them from metal weld spatter. Quick and easy, it can be applied and dried in under a minute and is then ready for immediate use.

TD-97 is a versatile product intended for use in a wide range of welding environments. With a low cost per application, TD-97 can be economically applied to practically any surface which could be damaged by weld spatter.

Item: 97095 | NET WT. 9.5 OZ. (269 g)
 Competes with Loctite® SF 7900™

- TD-97 KEY BENEFITS:**
- Easy application
 - Fast drying
 - Low cost per use
 - Savings on welding consumables
 - Higher quality welds
 - Reduced downtime
 - Easy cleanup
 - Reduced need for cleaning chemicals

- TD-97 APPLICATIONS:**
- MIG and MAG welding
 - Laser and Plasma cutting
 - Jigs, Fixtures, Nozzles, Tips, Cabling
 - Work Pieces & Shrouds
 - Cables & Sensors

User-applied TD-97 provides instant weld nozzle and tip protection against spatter. However, if you're looking for a longer lasting, higher performance material for weld nozzles and tips, our pre-applied Spatter-Nix® may be a better alternative.



Vibra-TITE[®] PROVIDES A VARIETY OF SERVICES

Chemical Toll Blending

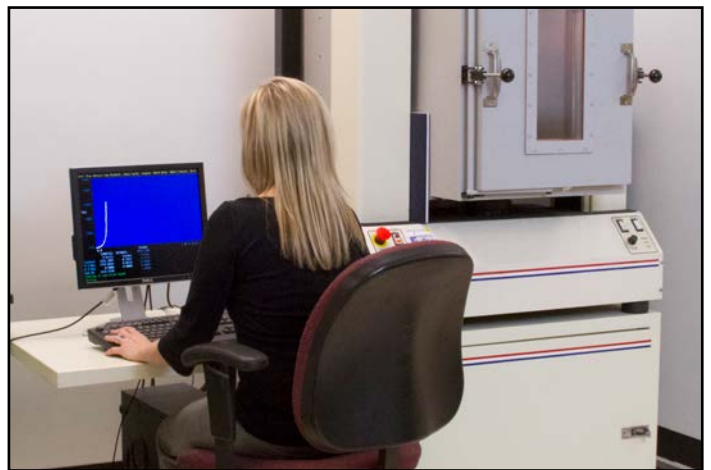
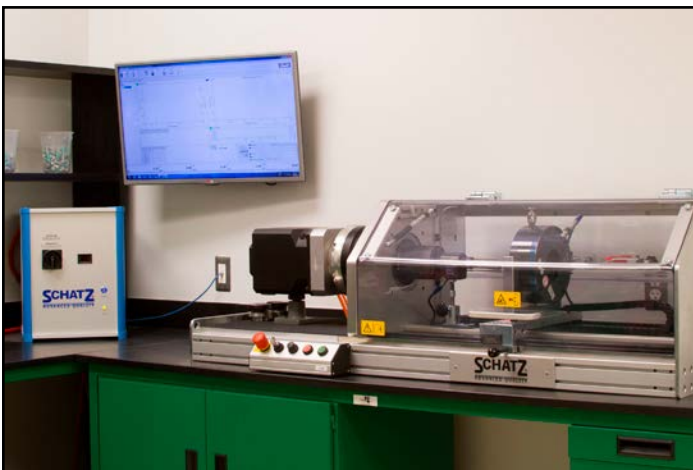


ND Industries, parent company of Vibra-Tite, annually manufactures over one million pounds of a wide variety of adhesives, anaerobics, epoxies, ultraviolets, acrylics, and more. ND Industries offers chemical toll blending services to our customers. Provide us with your formula and we'll blend, package, and prepare your product for shipment.



Laboratory Testing

ND Industries has a certified facility that can be utilized to perform testing and analysis on your products. ND Technologies Group holds testing accreditation through the American Association for Laboratory Accreditation (A2LA) in accordance with ISO/IEC standard 17025. This accreditation demonstrates ND's technical competence in performing a variety of tests on threaded fasteners, adhesives, sealants, coatings, and mastics for the automotive, aerospace, and electronic industries.



TO MEET YOUR CUSTOMIZED NEEDS

Bottling and Packaging Services



ND Industries manufactures many adhesives and sealants for private label use and can fill, label, and package bottled products to your specifications. ND Industries can also supply bulk materials. We provide private labeling services including label design and production with minimum quantity requirements substantially lower than our competitors.



Custom Formulations

ND's Development Lab can create custom adhesive and sealant formulations based on your requirements. Depending on testing requirements, material can be subjected to any number of experiments. In the Analytical Lab, ND will conduct evaluations as your product advances through development to the prototype stage. Whether using differential scanning calorimetry to determine the glass transition temperature of a polymer, Fourier transform infrared spectroscopy to examine material composition, or a cone and plate viscometer to identify threadlocker viscosity rates, ND's chemists will thoroughly evaluate the properties of your customized material.





PreApplied

ND's service centers can Pre-Apply ND products on ND-supplied or customer supplied fasteners. The service centers are tooled with state-of-the-art fastener processing equipment to provide quality products and rapid distribution.

ONE OF THE INDUSTRY'S BROADEST PRODUCT LINES

ND offers a wide range of fastening and assembly related products and processes that exhibit one or more of the following characteristics:

- | | | |
|-------------|----------------|-----------------------------------|
| Locking | Re-Useability | Noise and Vibration Reduction |
| Sealing | Cushioning | Minimization of Galling/Stripping |
| Bonding | Insulating | Masking |
| Lubricating | Identification | Temporary Retention |

In order to assist customers in understanding ND's current product line, the products have been categorized by their function: Inert Locking, Reactive Locking, Advanced Sealing, Masking and Lubricating, and Assemble EZ. In addition to the products listed here, ND offers customized formulations for your unique fastening and assembly needs.

CUSTOMERS SERVED

With its growing family of fastening and assembly products and services, ND meets or exceeds many of the rigorous standards established by the automotive, aerospace, and defense industries.

Customers:

- CHRYSLER
- GENERAL MOTORS
- FORD MOTOR COMPANY
- BOEING
- LOCKHEED MARTIN
- JOHN DEERE
- MACK TRUCK
- CUMMINS ENGINE
- VOLKSWAGEN
- GENERAL ELECTRIC

Accreditations:

- QS 9000 Registered
- ISO 9002 Registered
- ISO/IEC17025 Registered
- AS 9100 Registered
- QPL-18240 Listed
- QSLM Registered

Member: Industrial Fasteners Institute

INERT LOCKING



ND STRIP®, ND PELL-IT®, SURE TEMP, ND PELL-IT® SOFT TOUCH TIP

ND inserts are offered in Nylon, KEL-F® or VESPEL® which ND Industries automatically inserts into a fastener, making it self-locking and self-sealing, yet fully adjustable.



ND PATCH® & ND PATCH® 360° RING

ND patch products make threaded fasteners self-locking and self-sealing, while leaving them fully adjustable. Compare to Tuf-Lok®



Vibra-Tite® VC-3®

Vibra-Tite VC-3 is not an anaerobic or an adhesive. It is a unique blend of acrylic resins that make any threaded fastener self-locking and self-sealing, while remaining service removable.

REACTIVE LOCKING



EPOXY-LOCK®

Epoxy-Lock is a powerful locking / sealing, adhesive which is pre-applied to either male or female threaded fasteners. Though the adhesive surface is dry to the touch, the forces of engagement initiate a chemical reaction.



ND MICROSPHERES®

ND Microspheres are offered in acrylic and epoxy formulations, available in pre-applied or bulk for application by other fastener coater / converters. Compare to 3M™ Scotch-grip™, LOCTITE® Dri-Loc®, & omniTECHNIK Precoat®.



EXPAND-A-LOCK™

Expand-A-Lock is an original 2-in-1 application and the most effective way to simultaneously lock and bond fasteners and seal against all air and fluid leakage.

ADVANCED SEALING



ST-3®

ST-3 is designed to be applied by ND or on the customer's automated band coating equipment or tumble coater. Compare to 3M™ Scotch-Grip™ 4291, and LOCTITE® Vibra-Seal® 516, 517, 503, and 503H.



ND PLASTISOL

ND Plastisol provides a positive seal that eliminates leaks. It is available in a wide variety of durometers and colors.



ND PLASTISOL OPENMOLD

ND Plastisol Open-Mold are parts made of moldable PVC materials that can seal, trim, cushion, insulate and control noise and vibration... often at a fraction of the cost of die cutting and injection molding.



ND MASTICS & EXPANDABLES

Crushable mastics evenly fill and seal all voids and are applied by the assembler. Heat causes the material in Expandables to expand and adhere to metal, creating a seal while filling in the gaps.



SEALTEK™ 1120

A medium viscosity, cure in place gasket. This system forms a resilient, soft and flexible gasket that can conform to almost any dimensional surface. Cures rapidly with heat or UV radiation.

MASKING & LUBRICATING



ANTI-SEIZE 917 COMPOUND

ND's 917 Anti-Seize compound is a high temperature lubricant formulated with Nickel to prevent seizing, galling, pitting and excessive wear and corrosion. Ideal where different metals come in contact. It will not wash or squeeze out.



ND LM-1293®

An automotive approved process, ND LM-1293 is a PTFE-type fastener coating that lubricates and prevents undesirable substances from adhering to fastener threads. Compare to Nycote®.



EZ Drive 300™

An ergonomic assembly aid designed to increase installation efficiency by reducing friction by as much as 75%

ASSEMBLE EZ



STAY-PUT®

Stay-Put provides temporary, yet dependable retention for fasteners or other components prior to and during the assembly process.



ND COLOR CODE

Whether your need is to identify some special characteristics or to color match a fastener head to a mating surface, ND is your source for color identification.

ND Pre-Applied Comparison Chart

ND INDUSTRIES PROCESS	COMPETES WITH
Anti-Seize 917	LOCTITE® Pre-applied Anti-Seize, Nylok® Ny Plate®
Epoxy-Lock	3M™ Fastener Adhesive, Loctite® Dri-Loc®, Precote® 80
ND LM-1293	Nylok® Nycote®
ND Microspheres 293 / 593SA	ThreeBond 2446
ND Microspheres 593 Red	ThreeBond 2481
ND Microspheres 593S	3M™ Fastener Adhesive 2353 & 4844, ThreeBond 2430
ND Microspheres 593SB	ThreeBond 2440 & 2440B
ND Microspheres 1193S	3M™ Fastener Adhesive 2451 & 2510, ThreeBond 2440
ND Microspheres TA300	Precote® 30, ThreeBond 2471 & 2415
ND Microspheres TA800	Precote® 80
ND Microspheres TA850	Precote® 85, ThreeBond 2403 & 2411
ND Microspheres AA0695	Loctite® Dri-Loc® 200
ND Microspheres AA0696	Loctite® Dri-Loc® 200
ND Microspheres AA0795	Loctite® Dri-Loc® 201
ND Microspheres AA0796	Loctite® Dri-Loc® 201
ND Microspheres AA0895	Loctite® Dri-Loc® 202
ND Microspheres AA0896	Loctite® Dri-Loc® 202, ThreeBond 2457
ND Microspheres AA0995	Loctite® Dri-Loc® 203
ND Microspheres AA0996	Loctite® Dri-Loc® 203
ND Microspheres AA1095	Loctite® Dri-Loc® 204
ND Microspheres AA1096	Loctite® Dri-Loc® 204, ThreeBond 2475
ND Microspheres AA1195	Loctite® Dri-Loc® STS
ND Microspheres AA1196	Loctite® Dri-Loc® STS
ND Microspheres AA1295	Loctite® Dri-Loc® 211
ND Microspheres AA1296	Loctite® Dri-Loc® 211
ND Microspheres AA1395	Loctite® Dri-Loc® 218
ND Microspheres AA1396	Loctite® Dri-Loc® 218
ND Patch	Nylok® Blue Patch
ND Patch Hi-Temp	Nylok® Ny Temp®
ND Pell-It	Nylok® Blue® Pellet
ND Strip	Nylok® Torq-Strip®
NDEM223	L&L Products L1041
NDM97	L&L Products L1030, Forest City FC-XE-16, Chemseco 3002
ND Plastisol	Nylok® Ny Plas®
Sealtek 1120	Nylok® Ny Seal®, Anochrome Group® Rimlex®
ND ST-3-W	3M™ Thread Sealant 4291
ND ST-3-L3	3M™ Thread Sealant 4291
ND ST-3-L4	Precote® 5
ND ST-3-L5	Loctite® Vibra-Seal® 503
ND ST-3-L5A	Loctite® Vibra-Seal® 503HV
ND ST-3-L6	Loctite® Vibra-Seal® 516
ND ST-3-L7	Loctite® Vibra-Seal® 517
ND ST-3-L8	Loctite® Vibra-Seal® 503 mod
ND ST-3-L8A	Loctite® Vibra-Seal® 503 HVmod
ND ST-3-L10	Loctite® Vibra-Seal® 517 mod
ND ST-3-L11	Loctite® Dri-Seal® 506
ND ST-3-L13	Loctite® Dri-Seal® 513
Stay-Put	Nylok® Ny Stay®



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Vibra-TITE®

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