

Vibra-TITE®

SEALANTS AND ADHESIVES



FLUIDSEAL AB INC.
17309 - 107th Avenue
Edmonton, AB T5S 1E5
Phone: 780.414.1871
Fax: 780.487.5419
email: fluidsealab@sealsonline.com

fluidsealab.com

FLUIDSEAL CG INC.
Bay #6, 3815 - 61st Avenue SE
Calgary, AB T2C 1V5
Phone: 403.279.1871
Fax: 403.279.1821
email: fluidsealcg@sealsonline.com



ANAEROBIC THREADLOCKERS

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

Ref. Number	Sizes	LOCTITE® part #	Product Description	Color	Viscosity (cp)	Max gap Fill (in)	Torque Strength Break / Prevail (in LB.)	Temp Range	Fixture Time	Specific Gravity	Specs Met
111		222™	LOW STRENGTH								
ND11150	50 mL Bottle	21464	Easy to remove - for fasteners smaller than 1/4" in diameter.	Purple	1200 - 5000 Thixotropic	0.007	75/25	-65°F/+300°F -54°C/+149°C	10 to 30	1.05	MIL-S-46163A ASTM D-5363
121		242™	MEDIUM STRENGTH								
ND12110	10 mL Bottle	24221	Removable Grade for fasteners 1/4" to 3/4" in diameter.	Blue	1200 - 5000 Thixotropic	0.007	120/45	-65°F/+300°F -54°C/+149°C	10 to 30	1.07	MIL-S-46163A ASTM D-5363
ND12150	50 mL Bottle	24231									
ND12125	250 mL Bottle	24241									
122		243™	OIL TOLERANT								
ND12210	10 mL Bottle	24077	Used on fasteners from 1/4" to 3/4" in diameter.	Blue	2250 - 12000 Thixotropic	0.015	195/70	-65°F/+300°F -54°C/+149°C	5 to 10	1.08	
ND12250	50 mL Bottle	24078									
ND12225	250 mL Bottle	24079									
131		262™	HIGH STRENGTH								
ND13110	10 mL Bottle	26221	Permanently locks nuts and bolts up to 1" in diameter.	Red	1800 - 5000 Thixotropic	0.007	200/250	-65°F/+300°F -54°C/+149°C	5 to 20	1.05	MIL-S-46163A ASTM D-5363
ND13150	50 mL Bottle	26231									
ND13125	250 mL Bottle	26241									
132		263™	HIGH STRENGTH, PRIMERLESS, OIL TOLERANT								
ND13210	10 mL Bottle	1330583	Performs primerless on both inactive and active metals.	Red	400	0.007	275/290	-65°F/+360°F -54°C/+182°C	5	1.1	ASTM D5363
ND13250	50 mL Bottle	1330335									
ND13225	250 mL Bottle	1330585									
137		272™	HIGH TEMP/HIGH STRENGTH								
ND13710	10 mL Bottle		Permanently locks nuts and bolts up to 1 1/2" in diameter.	Red	9500	0.007	300/250	-65°F/+450°F -54°C/+232°C	5 to 60	1.11	
ND13750	50 mL Bottle	27240									
ND13725	250 mL Bottle	27270									
146		277™	LARGE DIAMETER/HIGH STRENGTH								
ND14650	50 mL Bottle	27731	Permanently locks nuts and bolts up to 1 1/2" in diameter.	Red	7000	0.01	300/250	-65°F/+300°F -54°C/+149°C	10 to 20	1.12	MIL-S-46163A ASTM D-5363

CYANOACRYLATES (SUPER GLUES)

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.



Ref. Number	Sizes	LOCTITE® part #	Product Description	Viscosity (cp)	Max gap Fill (in)	Shear strength (psi)	Temp Range	Fixture Time	Specific Gravity	Base	Specs Met
304		404™	GENERAL PURPOSE - O-RING BONDER - CLEAR								
ND30428	1 oz Bottle		A single component, low to medium viscosity cyanoacrylate adhesive.	80 - 100	0.005	3200	-65° F/+200 °F -54° C/+93 °C	20sec	1.06	Ethyl	A-A3097 Type II - Class 2
354		454™	SURFACE INSENSITIVE - POROUS GEL - CLEAR								
ND35420	20 gm Tube	45440	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° F/+200 °F -54° C/+93 °C	75sec	1.08	Ethyl	A-A3097 Type II - Class 4
395		495™	GENERAL PURPOSE - CLEAR								
ND39502	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° F/+200 °F -54° C/+93 °C	15sec	1.06	Ethyl	A-A3097 Type II - Class 1
ND39528	1 oz Bottle	49550									

THREAD SEALANTS



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. For repairs, parts may be disassembled with basic hand tools.

Ref. Number	Sizes	LOCTITE® part #	Product Description	Color	Viscosity (cp)	Max gap Fill (in)	Sealing Pressure (psi)	Temp Range	Fixture Time (min.)	Suggested Primer	Specs Met
420		565™ 592™	CONTROLLED STRENGTH - SLOW CURE								
ND42050	50 mL Tube	56531 59231	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/+300° F -54° C/+149° C	60	611 OR 612	
ND42025	250 mL Tube	56541 59241									
440		545™	PNEUMATIC / HYDRAULIC								
ND44050	50 mL Bottle	54531	Pneumatic and hydraulic sealant for fluid, power and gas system connections.	Purple	16,000	0.007	10,000	-65° F/+300° F -54° C/+149° C	30	611 OR 612	
460		567™	HIGH TEMPERATURE - STAINLESS STEEL								
ND46050	50 mL Tube	56747	General purpose. For stainless steel and other inert metal threaded pipes and fittings. Gasoline resistant.	White	350,000	0.012	10,000	-65° F/+400° F -54° C/+204° C	60	611 OR 612	GM 1182607

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.



Ref. Number	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								
ND53050	50 mL Bottle	60931	General purpose for: rotors, augment press fits, shafts, bushings, bearings and pulleys.	125	0.005	2300+	-65°F/+300°F -54°C/+149°C	10 to 20	1.1	611 or 612	MIL-R-46082 ASTM D-5363 GM-1183024
ND53025	250 mL Bottle	60941 67541									
541		680™	HIGH STRENGTH - SLIP FIT - GREEN								
ND54150	50 mL Bottle	68035	High strength gap filling. Permanently retains slip-fit. For: rotors, shafts, impellers, and splines.	1200	0.015	3000+	-65°F/+300°F -54°C/+149°C	20 to 40	1.11	612	
542		635™	HIGH STRENGTH - LARGE GAP - GREEN								
ND54250	50 mL Bottle	63531	High viscosity permits larger machine tolerances. For: rotors, shafts, impellers and splines.	2000	0.015	4000+	-65°F/+300°F -54°C/+149°C	20 to 40	1.05	612	MIL-R-46082 ASTM D-5363
566		660™	GAP FILLING - FOR WORN PARTS - GREY								
ND56650	50 mL Tube		High viscosity, press-fit, slip-fit.	Paste	0.020	2400+	-65°F/+350°F -54°C/+177°C	30 to 45	1.04	611 or 612	
567		620™	HIGH TEMPERATURE - LARGE GAP - GREEN								
ND56750	50 mL Bottle		High temperature gap filling for: rotors, shafts, bushings, bearings and pulleys.	7000	0.015	3500+	-65°F/+450°F -54°C/+232°C	20 to 30	1.16	611 or 612	GM-1183024

LIQUID GASKETING



Vibra-Tite 732 Flexible Gasket Maker

A tough flexible formed-in-place gasket for rigid machined flanges. Provides an instant low pressure seal.

For fuel and water pumps, split crank cases on engines, gearbox covers, engine thermostats, air compressor end caps, chainsaws, lawn mowers etc.

Ref. Number	Sizes	LOCTITE® part #	Product Description	Color	Viscosity (cp)	Max gap Fill (in)	Temp Range	Cure Speed	Primer
732		515™	FLEXIBLE GASKET MAKER						
ND73250	50 mL Tube	51531	General purpose gasket maker that flexes with flanges	Purple	275,000 - 950,000 Thixotropic	Unprimed : 0.010 Primed : 0.020	-65°F/+300°F -54°C/+149°C	Unprimed : 4-24hrs Primed : 30min 4hrs	611
ND73230	300 mL Cart	51580							

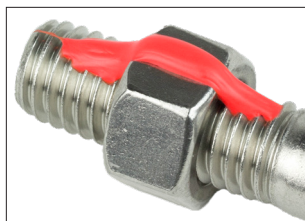
VIZ-TORQUE®

TAMPER DETECTION MARKER

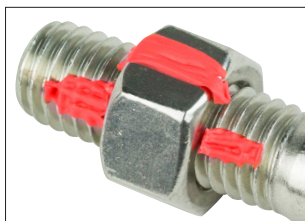
Ref. Number	Color	Ref. Number	Color
ND20211	Orange	ND20251	White
ND20221	Green	ND20261	Black
ND20231	Blue	ND20271	Yellow
ND20241	Red	ND20281	Pink

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

- Visually Identifies loose fasteners
- 30 mL Tube



As Applied



Fastener Movement Detected



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.
- Permanent Strength.

Typical Applications:

- Gears, Chains, Cables, Sprockets, Fastener Threads.



Ref. Number	Sizes	LOCTITE® part #	Product Description	Color	Viscosity (cp)	Temp Resistance	K-Value	Specs Met
9070		SILVER	ALUMINUM ANTI-SEIZE COMPOUND					
ND90708	8oz Jar w/ Brush	76732	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 982°C	0.15	MIL-PRF-907F GM-6108M
ND90706	16oz Jar w/ Brush	76764						
9071		C5-A®	COPPER ANTI-SEIZE COMPOUND					
ND90718	8oz Jar w/ Brush	51147	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 982°C	0.15	MIL-PRF-907F
ND90716	16oz Jar w/ Brush	51007						
9072		NICKEL	NICKEL ANTI-SEIZE COMPOUND					
ND90728	8oz Jar w/ Brush	77124	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 1427°C	0.15	MIL-PRF-907F
ND90726	16oz Jar w/ Brush	77164						
908			FOOD GRADE ANTI-SEIZE					
ND90816	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 982°C	0.15	MIL-PRF-907F NSF(H1)

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For the full line of Vibra-Tite products, visit www.vibra-tite.com
Contact us and our customer service will be happy to find the products you are looking for!

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