



- Threadlockers
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- Anti-seize Compounds& more

Adhesives & Sealants

FPE Seals are the European distributor of Vibra-TITE adhesives and sealants





Threadlockers



- Locks and seals threaded fasteners.
- Prevents loosening from shock and vibration.
- Performs better than mechanical lockers.
- Alleviates rust-lock.
- Prevents leakage.
- Available in sizes from 1.8ml up to 1L jug.



Low Strength - for soft metal fasteners, smaller than ¼" in diameter:

Vibra- Part #		Available sizes	Loctite® Part #	Colour	Viscosity (cP)	Gap	Torque Strength, Break/Prevail (in LB)	Temp range	Fixture time (min)	Specific Gravity
ND111	L Low Strength	1.8ml, 10ml, 50ml, 250ml 11	222™	Purple	1200 – 5000 Thixotropic	0.007	75/25	-65° to 300F	10 -30	1.05

Medium Strength - locks nuts and bolts larger than ¼" in diameter:

Vibra-Tite Part #	Product name	Available sizes	Loctite® Part #	Colour	Viscosity (cP)	Max Gap	Torque Strength, Break/Prevail (in LB)	Temp range	Fixture time (min)	Specific Gravity
ND121	Medium Removeable Strength	1.8ml, 10ml, 50ml, 250ml, 1L	242™	Blue	1200 – 5000 Thixotropic	0.007	120/45	-65° to 300°F	10 -30	1.07
ND122	Medium Strength Oil Tolerant	1.8ml, 10ml, 50ml, 250ml, 1L	243™	Blue	2250 – 12000 Thixotropic	0.015	195/70	-65° to 300°F	5-10	1.08
ND123	Medium Strength High Temp Oil Tolerant	50ml	246™	Blue	2600		170/50	450°F	5	1.15



High Strength - permanently locks nuts and bolts larger than ¼" in diameter:

Vibra-Tite Part #	Product name	Available sizes	Loctite® Part #	Colour	Viscosity (cP)	Max Gap	Torque Strength, Break/Prevail (in LB)	Temp range	Fixture time (min)	Specific Gravity
ND131	High Strength	1.8ml, 10ml, 50ml, 250ml, 1L	262™	Red	1800 – 5000 Thixotropic	0.007	200/250	-65° to 300°F	5 - 20	1.05
ND132	High Strength Primerless, Oil Tolerant	50ml	263™	Red	400	0.007	275/290	-65° to 360°F	5	1.1
ND137	High Temp/ High Stength	50ml, 250ml, 1L	272™	Red	9500	0.007	300/250	-65° to 450°F	5 - 60	1.11
ND-T70	High Strength	50ml , 250ml	270™	Green	400-600	0.001	230/320	-65° to 300°F	15	1.1
ND140	High Strength	1.8ml, 10ml, 50ml, 250ml, 1L	271™	Red	500	0.007	250/275	-65° to 300°F	10 –30	1.10
ND146	Large Diameter/ High Strength	1.8ml, 10ml, 50ml, 250ml, 1L	277™	Red	7000	0.010	300/250	-65° to 300°F	10 - 20	1.12

Also available:

Vibra-Tite 150 Wicking Grade Medium Strength Threadlocker - for use on pre-assembled connections. Seals small gaps through capiliary action. Typical uses include pre-assembled fasteners up 1/2" in diameter and porous die castings. Protects welds from rust and corrosion. Competes with Loctite® 290™

Vibra-Tite 325 Plastic Threadlocker – low strength, fast curing material for small metal or plastic fasteners. Fixtures within 2 minutes and fully cures within 24hrs. Competes with Loctite® 425™



Thread Sealants



- Seals and secures metal pipes and fittings.
- Fills the space between threaded metal parts.
- Prevents leakage caused by tape shredding, vibration loosening, solvent evaporations, or damaged threads.
- Prevents corrosion and galling of threads.
- Low and high pressure applications.
- Seals to burst strength of most piping systems.
- Facilitates assembly.
- Service removable.





Vibra-Tite part #	Product name	Available sizes	Loctite® Part #	Colour	Viscosity (cP)	Max Gap	Torque Sealing Pressure (PSI)	Temp range	Fixture time (min)
ND420	PTFE Instant Pipe Sealant – Industrial Grade Controlled locking strength, metal fittings. High temp & high performance. Gasoline resistant.	50ml, 250ml, 16oz, 1L	265™/ 292™	White	150,000 / 550,000 paste	0.012	10,000	-65° to 300°F	60
ND427	Medium Strength – Stainless Steel Pipe Sealant High performance sealant.	50ml, 250ml	577™	Yellow	420,000	0.012	10,000	-65° to 300°F	90
ND440	Pneumatic/Hydraulic Sealant For fluid power and gas system connections.	1.8ml, 10 ml, 50ml, 250ml, 1L	545™	Purple	16,000	0.007	10,000	-65° to 300°F	30
ND442	Hydraulic Fast Cure Sealant Gel formula. Fast curing.	50ml	5452™	Purple	29,000 – 200,000	0.007	10,000	-65° to 300°F	
ND444	Hydraulic Sealant – High Pressure Non shrink, high vibration & shock resistant.	10ml, 50ml, 250ml, 1L	569™	Brown	300 – 500	0.007	10,000	-65° to 300°F	10
ND446	Refrigerant Sealant – High Pressure Maximum solvent resistance.	10ml, 50ml, 250ml, 1L	554™	Red	6000 – 8000		10,000	-65° to 300°F	10
ND460	High Temperature – Stainless Steel General purpose. For stainless steel and other inert metal threaded pipes & fittings. Gasoline resistant.	6ml, 50ml, 250ml, 16oz, 1L	567™	White	350,000	0.012	10,000	-65° to 400°F	60

VC-3 Threadmate



Vibra-Tite VC-3 Threadmate is an alternative to traditional liquid lockers.

It's blend of thermoplastic elastomer resins allows it to create a tough, semi solid layer that remains flexible, removable and absorb vibration.

It will not crack or shatter. VC-3 Threadmate damps and absorbs vibration, preventing fastener rotation and the loss of clamp force.

- Stops fasteners loosening due to shock and vibration.
- Will not harden like traditional threadlockers.
- Works with metal, wood, plastic & more.
- Ideal for fasteners of any shape or size, from tiny eye glass screws to large construction bolts.
- Works with internal or external threads.





Hotlock

Vibra-Tite Hot-Lock is a medium-high strength, ceramic based threadlocker, which exhibits unparalleled temperature resistance and excellent performance across many different substrate finishes.

- Locks threaded joints in place at high temperatures where standard threadlockers would disintegrate.
- Resistance of up to 2000°F.



Viz-Torque

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

Once dried in place, Viz-Torque is resistant to environmental elements but brittle enough to break in case of tampering.

Available to buy in 1 oz tubes in 8 different colours: Black, Blue, Green, Orange, Pink Red. White and Yellow.



















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 #	Product name	Available sizes	Loctite® Part #	Colour	Viscosity (cP)	Max Gap	Torque Sealing Pressure (PSI)	Temp range	Fixture time (min)
ND530	General Purpose General purpose for: augment press fits, shafts, bushings, bearings, and pulleys.	1.8ml, 10ml, 50ml, 250ml, 1L	675™/ 609™	Green	125	0.005	2300+	-65° to 300°F	10-20
ND535	General Purpose Gel High strength no drip anaerobic gel with good temperature and solvent resistance.	50ml, 250ml		Green	Gel	0.015		-65° to 300°F	5-10
ND538	High Strength High strength for loose fitting parts.	50ml, 250ml, 1L	638™	Green	2500	0.015	4000+	-65° to 300°F	5
ND541	High Strength - Slip Fit High strength gap filling. Permanently retains slip-fit. For rotors, shafts, impellers, and splines.	1.8ml, 10ml, 50ml, 250ml, 1L	680™	Green	1200	0.015	3000+	-65° to 300°F	20-40
ND542	High Strength – Large Gap High viscosity permits larger machine tolerances. For rotors, shafts, impellers and splines.	1.8ml, 10ml, 50ml, 250ml, 1L	635™	Green	2000	0.015	4000+	-65° to 300°F	20-40
ND546	Impact Resistant Flexible for impact resistance.	50ml, 250ml, 1L		Green	600	0.015	2000+	-65° to 300°F	20-40
ND548	Rapid Curing Fast fixturing for close fitting parts, high strength for stainless steel.	50ml, 250ml, 1L	648™	Green	500	0.007	3500+	-65° to 350°F	5
ND550	Core Plug Sealant Designed to be used on freeze, core, and cup plug applications.	50ml, 1L	540™	Blue	8500	0.02	2300+	-35° to 300°F	10-20
ND560	High Temperature – Fast Set High temperature fast setting for rotors, shafts, bushings, bearings and pulleys.	1.8ml, 10ml, 50ml, 250ml, 1L	640™	Green	600	0.007	3000+	-65° to 400°F	5-60
ND566	Gap Filling – for worn parts High viscosity, press- fit, slip-fit.	50ml	660™	Grey	Paste	0.020	2400+	-65° to 350°F	30-45
ND567	High Temperature – Large Gap High temperature gap filling for rotors, shafts, bushings, bearings and pulleys.	1.8ml, 10ml, 50ml, 250ml, 1L	620™	Green	7000	0.015	3500+	-65° to 450°F	20-30

Gasket Maker



Anaerobic Gasket Makers alleviate the need for preformed gaskets.

- Remains liquid when exposed to air.
- Cures when confined between mating flanges.
- Prevents corrosion and galling of threads.
- Can fill gaps as large as 0.05 inches.
- Available in 50ml & 250ml tubes.



Vibra-Tite Part #	Product name	Loctite® Part #	Colour	Viscosity (cP)	Temp range	Cure Speed
ND709	Flexible Gasket Maker Flexible flange sealant resists vibration. Fluorescent blue colour aids visual assembly inspections.	509™	Blue	65,000 – 200,000 Thixotropic	-65° to 300°F	Unprimed: 6-48hrs Primed: 1-6hrs
ND710	High Temperature Rigid Flange Sealant High temperature rigid flange sealant withstands temperatures up to 400°F	510™	Pink	188,000 – 500,000 Thixotropic	-65° to 400°F	Unprimed: 4-24hrs Primed: 30mins-4hrs
ND730	Flexible Gasket Maker – Solvent Resistant Suitable for aluminium and rigid machined flanges.	518™	Red	800,000 – 3,750,000 Thixotropic	-65° to 300°F	Unprimed: 1-12hrs Primed: 15mins-2hrs
ND732	Flexible Gasket Maker General purpose gasket maker that flexes with flanges.	515™	Purple	275,000 – 950,000 Thixotropic	-65° to 300°F	Unprimed: 4-24hrs Primed: 30mins-4hrs





Anti-Seize Compounds



Anti-Seize compounds are specially formulated to prevent seizing, galling, pitting, excessive wear, and corrosion.

- A protective paste consisting of fine flakes of graphite in a blend of lubricants and oils.
- It will not wash, squeeze, or burn out, even at elevated temperatures and high pressures.



Vibra-Tite Part #	Product name	Loctite® Part #	Colour	Viscosity (cP)	Temp resistance	K-Value
ND906	Marine Grade 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
ND9070	Aluminium Compound Lubricant ideal for all metals to prevent seizing, galling and excessive wear. Resists harsh chemical environments. Consists of fine flakes of aluminium and graphite suspended in a blend of lubricants and oils.	Silver 80209 76732 76764 76775	Silver	120,000 – 175,000 Paste	1800°F	0.15
ND9071	Copper Compound 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.	C5-A™	Copper	120,000 - 175,000 Paste	1800°F	0.15
ND9072	Nickel Compound Lubricant ideal for extreme temperatures. Copper and graphite free base. Resistant to harsh chemical environments. Excellent for stainless steel and other metal fillings	Nickel 77124 77164 77175	Nickel	350,000 – 500,000 Paste	2600°F	0.15
ND908	Food Grade Food Grade Anti-Seize is specially 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













Contact us

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