TITE



A UNIQUE THREADLOCKER! WON'T CRACK OR SHATTER!

- O ADJUSTABLE
- REMOVABLE
- O REUSABLE

Works great with:

- Metal, wood, plastic*, and more
- Fasteners of any shape or size
- Internal or external threads
 - * See table on back for compatibility

Prevents fastener loosening due to shock & vibration

Will not harden like traditional threadlockers.

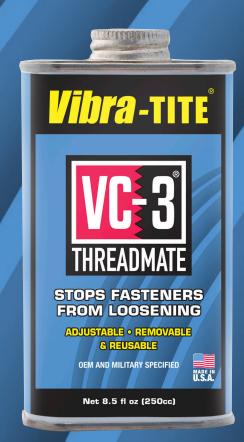
VC-3 Threadmate dampens and absorbs vibration, preventing fastener rotation and the loss of clamp force.



Size	Container	Vibra-Tite P/N
1 mL	Pillow Pack	21302
5 mL	Tube	21305
30 mL	Bottle	21330
250 mL	Can	21325
1 Gal	Can	21300











DESCRIPTION:

- NOT AN ADHESIVE & NOT AN ANAEROBIC
- Vibra-Tite VC-3 Threadmate is a powerful locking and sealing coating for threaded fasteners that works on the principle of "friction through viscosity." It utilizes a special blend of acrylic resins to prevent fasteners from loosening even under extreme vibration.
- Designed for use on external and internal threads of virtually any material or finish, Vibra-Tite VC-3 dries to the touch within seconds of application.
- Coated parts are ready for assembly in just a few minutes.
- Pre-cleaning of parts is not required except for wiping off any visible oil, grease, or dirt for optimal performance.

APPLICATIONS:

- From tiny eyeglass screws to huge construction bolts,
 VC-3 is ideal for use on fasteners of any size.
- In addition to supplying user-applied bottles and cans for on-the-job application, ND Industries can apply VC-3 at any of our regional service centers.

FEATURES:

- Excellent Coated Shelf Life: Parts coated with Vibra-Tite VC-3 can be stored indefinitely before use.
- Versatile: Vibra-Tite VC-3 adheres to both ferrous and non-ferrous metals, most platings, wood, and plastic* screws. (*See table below.)
- Creates a Reliable, Powerful Lock & Seal: With exceptional reliability, Vibra-Tite VC-3 holds parts in place even during extreme vibration and resists leakage by acting as a dam between mated threads.
- Offers Multiple Reuses: Using steady pressure and standard hand tools, parts coated with Vibra-Tite VC-3 can easily be adjusted, removed, and reused.
- Minimizes Galling/Stripping: Since Vibra-Tite VC-3
 remains a thick, resilient, taffy-like "viscous resin,"
 its cold flow properties actually minimize galling or
 stripping of soft threads during reuse.
- Underwater Installation: Unlike anaerobics, VC-3 can be air dried then installed into mating part under both fresh and salt water.

Solvent Base	Evaporation Rate	Plastic Compatibility
Methyl Ethyl Ketone	3.8	ECTFE, EPDM, FEP, Nylon 6/6, PE, PEEK, PET, PFA, PP, PPS, PTFE, TFE, UHMW

Material Properties			
Container Size (user-applied)	1 oz. (30 cc), 8 oz. (250 cc), or larger containers		
Color	Red (custom colors can be manufactured dependent on quantity)		
Solvent	Methyl ethyl ketone		
Cured form	Resilient plastic		
Shelf life	Bottled: 5 years from date of manufacture. Applied: Indefinite.		
Chemical resistance	Offers resistance to most solvents (acts as a partial corrosion barrier)		
Dries to touch	In minutes		
Dries for use	In 30 minutes. Can very depending on thickness		
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) For other temperature applications, please consult factory		
Reusability	5 or more times		
Engagement torque	Moderate		
Breakaway torque	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		

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

MILITARY:

- Lockheed Martin: 11663357, Cage# 18876, P5407, 507-13-410
- General Dynamics: 13233419
- Harris Corporation: DWG. P30-0013
- National Stock Number: 8030-00-163-5792
- Naval Sea Sys Comm: 5174855
- US Army Missile Comm: 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





