

Vibra-TITE[®]



**A UNIQUE THREADLOCKER!
WON'T CRACK OR SHATTER!**

- **ADJUSTABLE**
- **REMOVABLE**
- **REUSABLE**

**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.



Works great with:

- Metal, wood, plastic*, and more
- Fasteners of any shape or size
- Internal or external threads

* Recommended only for Nylon, PE, & PP plastics.



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**MADE IN
U.S.A.**



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, Vibra-Tite VC-3 is ideal for use on fasteners of any size.
- In addition to supplying user-applied bottles and cans of Vibra-Tite VC-3 for on-the-job application, ND Industries can apply Vibra-Tite 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. (*Recommended only for Nylon, PE, and PP plastics.)
- **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.

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 seconds
Dries for use	In minutes
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, 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

