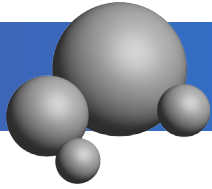


PRE-APPLIED VIBRA-TITE VC-3

Locking & Sealing

ND Industries® is ISO9001:2000 / AS9001B / QPL-18240F Listed / QSLM Registered



DESCRIPTION:

Vibra-Tite VC-3 (formerly Vibra-Tite Formula 3) is a powerful vibration dampening, locking and sealing coating for threaded fasteners. Utilizing a special blend of acrylic resins, VC-3's viscous cold flow properties allow it to prevent fastener loosening under extreme vibration.

Designed for use on internal and external threads of virtually any material or finish. When you have Vibra-tite VC-3 Pre-Applied to your fasteners they arrive dry to the touch and ready for installation. Unlike many pre-applied threadlockers, VC-3 does not require heat for it's application process which reduces the chance of degradation of the fastener or its finish.

APPLICATIONS:

From tiny eyeglass screws to huge construction bolts, Vibra-tite VC-3 is ideal for use on fasteners of any size.

Due to it's low installation torques, it can also be used as an alternative to ND Patch when adjustability and reusability are necessary features.

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.

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.



FEATURES CONTINUED:

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.

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

* Recommended for Nylon, PPE & PP plastics only.

For a complete list contact ND Industries.

SPECIFICATIONS:

Material Properties	
Color	Red (custom colors can be manufactured dependent on quantity)
Primary Use	Vibration Dampening Threadlocker
Solvent	Methyl ethyl ketone
Base Material	Resilient plastic
Shelf Life*	Bottled: 5 years from date of manufacture. Applied: Indefinite.
Chemical resistance	Resistant to most solvents (acts as a partial corrosion barrier) with total resistance to water and salt water.
Cure Time	Pre-Applied Vibra-Tite VC-3 arrives on the fastener, dry to the touch and ready for immediate use with no cure time.
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
Manual Application (Bottled Product)	Vibra-Tite VC-3 is also available as a bottle product through our Vibra-Tite brand. www.vibra-tite.com
Drying method for bulk production	Best achieved using considerable airflow in addition to temperature not exceeding 130°F

* When stored in a dry, cool environment.

ND Vibra-Tite VC-3 is a product of ND Industries, Inc., U.S.A.



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