



### **Product Description**

Vibra-Tite VC-3 is a powerful locking and sealing coating for threaded fasteners that works on the principle of “friction through viscosity.” It utilizes a blend of acrylic resins to prevent fasteners from loosening — even under extreme vibration. Designed for use on external and internal threads of metallic and some plastics fasteners, Vibra-Tite VC-3 dries to the touch within minutes of application and 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.

### **Typical Applications**

From tiny eyeglass screws to huge construction bolts, Vibra-Tite VC-3 is ideal for use on fasteners of any size. Vibra-Tite VC-3 adheres to ferrous and non-ferrous metals, most platings, wood, and plastic screws.

### **Instructions for Use**

Be sure material is well mixed before applying. Apply Vibra-Tite VC-3, with standard coating length 1.5 times the diameter of the part and to achieve 30% to 50% thread fill. While Vibra-Tite VC-3 dries to the touch within minutes, the part should be given at least 30 minutes to dry before assembly.

### **Technical Features**

Resin..... Acrylic Blend  
Color..... Red  
Solvent..... Methyl Ethyl Ketone (MEK)  
Viscosity @ 25°C, Brookfield RVT, Spindle 3 @ 50 rpm..... 150-300 cps  
Solids content ..... 34%-44%  
Specific gravity..... 0.88 g/cc

### **Performance**

Reusability..... Up to 5 times  
Engagement torque .....Moderate  
Breakaway torque ..... No distinct break;  
Slow, release as material cold flows

Meets NASA SP-R-0022A

TML..... 0.9%  
CVCM..... 0.1%  
WVR..... 0.1%

### **General Information**

#### **Safe Handling and Storage**

Avoid breathing product vapors. Keep product away from all sources of ignition, heat or flame. Keep container closed when not in use. Store material in a cool, dry place.

#### **Storage Temperature**

Ideal storage temperature is between 40°F (4.4 °C) and 78°F (25.5 °C).

#### **Shelf Life**

Five years from date of manufacture.

#### **Note**

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.