



# Eliminating Fastener Loosening. Preventing Failure.






## TRADITIONAL FASTENING METHODS LEAVE GAPS. LOCTITE® THREADLOCKERS FILL THEM.

Mechanical locking devices (such as split washers, nylon nuts, etc.) were invented to solve the common problem of loosening that happens in most threaded assemblies. The reality is, however, that they don't maintain clamp load as assemblies "locked" with mechanical devices often loosen under vibration, thermal expansion and/or improper torque. Why? Because mechanical devices don't fill the gaps between the engaging threads.

By bonding the thread roots and filling all of the gap, eliminating side-to-side movement, LOCTITE® threadlockers have dramatically increased the reliability of threaded assemblies by preventing fastener loosening – a leading cause of catastrophic equipment failure.



### BENEFITS OF LOCTITE® THREADLOCKERS:

-  1. Lock against vibration and thermal expansion
-  2. Maintain clamp load
-  3. Seal against corrosion and leakage
-  4. Prevents galling & seizing – allowing for reliable disassembly
-  5. Reduce inventory costs – one bottle for all fastener shapes/sizes.

## DON'T LET A LITTLE FASTENER BECOME A BIG PROBLEM

The most robust performing medium and high strength threadlockers.



### LOCTITE® 243™ THREADLOCKER Medium Strength

**Features:** General purpose, works on all metals  
**Fastener Size:** 1/4" to 3/4" with light oil contamination  
**Disassembly:** Standard hand tools



### LOCTITE® 263™ THREADLOCKER High Strength

**Features:** High strength, works on all metals  
**Fastener Size:** 1/4" to 3/4" with light oil contamination  
**Disassembly:** Localized heat required

## LOCTITE® THREADLOCKERS

Product	Item Number	Pack Size	Color	Thixotropic (yes/no)	Viscosity (cp) 20 rpm	Break/Prevail Torque, M10 Steel Nuts & Bolts	Temperature Range	Fixture Time / Full Cure
243™	XXX	50 ml 250 ml	Blue	Yes	2,150	230/40 in.-lbs. (26/5 Nm)	-65 to 360F (-55 to 180C)	10 min. / 24 hrs.
263™	XXX	50 ml 250 ml	Red	No	500	290/290 in.-lbs. (33/33 Nm)	-65 to 360F (-55 to 180C)	10 min. / 24 hrs.

Contact your Henkel Representative for Technical Data Sheet.



### NOW AVAILABLE

#### LOCTITE® Pro Pump Handheld Dispenser – For easy application

- Makes dispensing of LOCTITE® threadlockers more precise & repeatable
- No setup or assembly required
- Same pump fits both 50ml and 250ml bottle
- Item number 2564824

### SOLUTIONS TO MEET YOUR CHALLENGES

LOCTITE® offers the broadest portfolio of liquid threadlockers to meet virtually any design or maintenance requirement.

See the full line at [Threadlocker.Loctite.com](http://Threadlocker.Loctite.com)

**Henkel Corporation**  
**Engineering Adhesives**

