



LOCTITE®

SPEC IN RELIABILITY

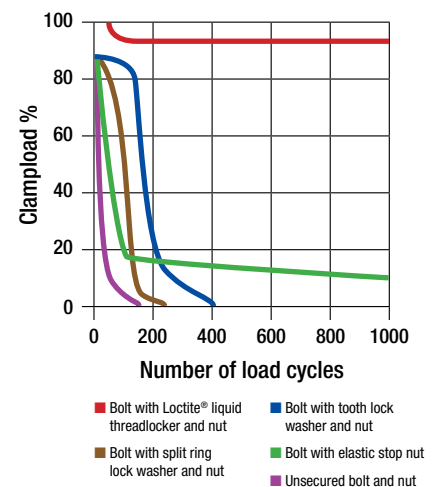
Specify Loctite® Anaerobic Threadlockers

When it comes to:

- resisting vibration
- preventing corrosion and leakage
- improving quality
- reducing weight, size and cost

mechanical locking devices just don't hold up.

CLAMPLOAD RETENTION COMPARISON



By filling the thread roots and preventing side-to-side movement, Loctite® threadlockers have dramatically increased the reliability of threaded assemblies for over 50 years. New advancements provide higher temperature resistance, improved oil tolerance and primerless performance. Don't let your designs fall apart. Specify Loctite®.

TO LEARN MORE about our newest threadlockers – Loctite® 243™ and Loctite® 263™ – go to www.henkelna.com/nextgenthreadlockers. For technical assistance, call 1.800.LOCTITE (562.8483).





Henkel



Loctite® 243™ and Loctite® 263™ – the most robust performing medium and high strength threadlockers

Recent advancements in the chemistry of anaerobic threadlockers have resulted in the new Loctite® 243™ Medium Strength Blue Threadlocker and the new Loctite® 263™ High Strength Red Threadlocker, which provide:

- Upgraded temperature resistance to 360°F (182°C)
- Oil tolerant curing on as-received fasteners without cleaning
- Cures without primer on steel, stainless steel and most plated fasteners

Product Description	TYPICAL PROPERTIES					Common Sizes/ Item Number
	Fastener Size	Strength	Cure Time (Fixture/Full Strength)*	Breakaway/ Prevail Torque (in./lb.)	Temperature Resistance for Continuous Service	
 243™ Versatile, medium strength liquid threadlocker. Engineered to cure consistently on a variety of metals, despite minor surface contaminants. Works on steel, stainless steel and most plated fasteners. Tolerates thread lubrication, anti-corrosion and protection fluids. Can be disassembled using standard hand tools.	1/4" to 3/4"	Medium	10 min./24 hrs.	106/26	360°F (182°C)	10 ml bottle–1329837 50 ml bottle–1329467 250 ml bottle–1329505 1 liter bottle–1330333
 263™ Versatile, high strength liquid threadlocker. Engineered to cure consistently on a variety of metals, despite minor surface contaminants. Works on steel, stainless steel and most plated fasteners. Tolerates thread lubrication, anti-corrosion and protection fluids. Heat required for removal.	Up to 1"	High	10 min./24 hrs.	275/290	360°F (182°C)	10 ml bottle–1330583 50 ml bottle–1330585 250 ml bottle–1330335 1 liter bottle–1330334

THREADLOCKERS SECURE THREADED ASSEMBLIES

Invented more than 50 years ago by Henkel Corporation (then Loctite), anaerobic threadlockers are single-component adhesives that cure into thermoset plastics when in the absence of air and in contact with metal. Threadlockers completely fill the voids between interfacing threads, which prevents side-to-side movement and ultimately prevents loosening.

Anaerobic threadlockers also act as lubricants during fastener tightening. This lubrication allows applied torque to be converted into high clamp load instead of dissipating as friction or heat. Once cured, threadlockers also provide a reliable seal, preventing leaks, galling and corrosion that can seize threads and prevent disassembly.

Threadlocking adhesives are the most reliable and cost-effective method of ensuring that a threaded assembly will remain locked and sealed for its entire service life.

Loctite® Threadlockers offer lower cost per unit compared to most locking devices.

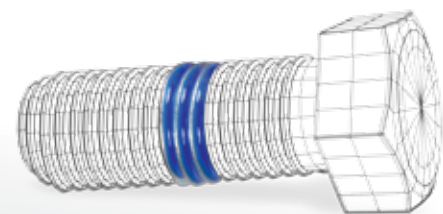
Fastener Size	Split Ring Washer	Loctite® Threadlocker
3/8"	2¢	2¢
5/8"	9¢	5¢
7/8"	25¢	7¢

Note: Washer pricing based on 100 units purchased at an industrial distributor. Loctite® pricing based on 50 ml bottle price and number of drops required per application.



LOCTITE® PERISTALTIC HAND PUMP ITEM NO. 97001

Designed for dispensing metered drops of liquid anaerobic threadlockers, the Loctite® Peristaltic Hand Pump mounts easily on any Loctite® 50 ml or 250 ml bottle, converting the package into a leakproof, portable dispenser. The adjustment knob allows for controlled, consistent dispensing, and the nozzle accepts a variety of dispensing needles.



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