



From the creator of liquid threadlocking, choose the strength, temperature range, and cure speed you need to prevent loosening from shock and vibration, and stop rust and corrosion of threaded metal fasteners. Removable to permanent strength threadlockers are available to fit a variety of thread sizes and conditions.

The Loctite® brand now offers the same trusted threadlocking performance in a patented new semi-solid stick. Available in both medium and high strength formulas, Loctite® Sticks are convenient, portable and less messy, making them perfect for tough applications, especially overhead. Loctite® Sticks are easy to store in a toolbox, tool belt, or pocket making them the perfect complement to the trusted Henkel line of Loctite® branded products.

# THREADLOCKING

**Loctite® 220™ Threadlocker**

*Low Strength/Wicking/Blue*  
A low viscosity threadlocking adhesive that allows the product to wick along the threads of preassembled fasteners. Perfect for fasteners up to 1/4" diameter (6 mm).

**Loctite® 222MS™ Threadlocker**

*Low Strength/Purple*  
Perfect for small fasteners up to 1/4" diameter (6 mm), long engagement length fasteners, and components requiring occasional adjustment. Apply to threaded parts before assembly. Parts can be disassembled with hand tools. Approved for use in or around food processing areas.

**Loctite® 242® Threadlocker**

*Medium Strength/Removable/Blue*  
Removable strength, general purpose threadlocking adhesive especially well suited for fasteners between 1/4" to 3/4" diameter (6 to 20 mm). Applied to threaded components before assembly, Loctite® 242® Threadlocker has controlled lubricity for accurate clamp loads. Parts can be separated using hand tools. Approved for use in or around food processing areas.



**Loctite® 248™ Threadlocker Stick**

*Medium Strength/Removable/Blue*  
New, patented semi-solid stick formula offers added convenience and portability. Like Loctite® 242®, Loctite® 248™ Threadlocker Stick is well suited for 1/4" to 3/4" (6 to 20 mm) fasteners and is removable with hand tools. The semi-solid formula also means they won't spill or leak.

**Loctite® 262™ Threadlocker**

*High Strength/Red*  
A high strength product that is applied to fasteners up to 3/4" (20 mm) in size before assembly. Localized heat and hand tools are required to separate parts. Solvents will not weaken the adhesive bond. Approved for use in or around food processing areas.

**Loctite® 7649™ Primer N™**

Decreases the set-up time of Loctite® brand threadlockers and increases breakaway torque on most fastener surfaces. Allows cold weather application. Contains no ozone-depleting compounds.



**Loctite® 268™ Threadlocker Stick**

*High Strength/Red*  
Revolutionary semi-solid stick formula is high strength and best suited for fasteners up to 3/4" (20 mm). Semi-solid formula offers added convenience and portability. Localized heat and hand tools are required to separate parts.

**Loctite® 290™ Threadlocker**

*Wicking/Green*  
A low viscosity, threadlocking liquid, that wicks along the threads of pre-assembled fasteners to secure them in place. Seals porosities in welds and metal parts. Ideal for fasteners ranging from #2 to 1/2" (2.2 to 12 mm) in size. Localized heat and hand tools are needed for disassembly. Approved for use in or around food processing areas.

LOCTITE® BRAND THREADLOCKERS  
PROPERTIES CHART

PRODUCT	Item Number	Container	Color	Fastener Size	Break/Prevail Torque*	Temperature Range	Cure Speed, Steel @ 25°C	Recommended Primer	Agency Approvals
220™	37388 22041	10 ml bottle 250 ml bottle	Blue	Under 1/4"	85/170	-65° to 300°F (-54° to 149°C)	Fixture - 6 minutes Full strength - 24 hrs.	7649™ Primer N™**	MIL-S-46163A for existing designs, CFIA
222MS™	22221 22231 22241	10 ml bottle 50 ml bottle 250 ml bottle	Purple	#2 to 1/4" (2.2 mm to 6 mm)	53/30	-65° to 300°F (-54° to 149°C)	Fixture - 10 minutes (5 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	MIL-S-46163A for existing designs, NSF P1, CFIA
242°	24221 24231 24241	10 ml bottle 50 ml bottle 250 ml bottle	Blue	1/4" to 3/4" (6 mm to 20 mm)	110/43	-65° to 300°F (-54° to 149°C)	Fixture - 10 minutes (3 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	MIL-S-46163A for existing designs, NSF/ANSI 61, NSF P1, CFIA, ABS
248™	37684 37087	9 gm stick 19 gm stick	Blue	1/4" to 3/4" (6 mm to 20 mm)	110/43	-65° to 300°F (-54° to 149°C)	Fixture - 10 minutes (3 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	CFIA
262™	26221 26231 26241	10 ml bottle 50 ml bottle 250 ml bottle	Red	Up to 3/4" (up to 20 mm)	189/275	-65° to 300°F (-54° to 149°C)	Fixture - 5 minutes (5 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	MIL-S-46163A for existing designs, NSF P1, CFIA, ABS
268™	37685 37686	9 gm stick 19 gm stick	Red	Up to 3/4" (up to 20 mm)	202/4	65° to 300°F (-54° to 149°C)	Fixture - 20 minutes (5 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	CFIA
290™	29021 29031 29041	10 ml bottle 50 ml bottle 250 ml bottle	Green	#2 to 1/2" (2.2 mm to 12 mm)	85/250	65° to 300°F (-54° to 149°C)	Fixture - 20 minutes (5 minutes w/primer) Full strength - 24 hrs.	7649™ Primer N™**	MIL-S-46163A for existing designs, NSF/ANSI 61, NSF P1, CFIA
7649™ Primer N™	21347 21348 38402	25 gm aerosol 4.5 oz. aerosol 1.75 fl. oz. aluminum bottle	-	-	-	-	-	-	MIL-S-22473E for existing designs NSF/ANSI 61, NSF P1, CFIA

\* Break & Prevail Torque values cited are for M10 steel nuts and bolts.

\*\* Loctite® 7471™ Primer T™ is also an acceptable alternative. See pages 48 and 49 for more information.

**ADDITIONAL OFFERINGS**

Loctite® Hand Pumps are ideal for dispensing liquid from all 50 ml and 250 ml anaerobic bottles. See page 106 for more information.

**LOW STRENGTH**

Apply 222MS™

**LOCTITE® 222MS™  
THREADLOCKER**

- Set screws
- Adjustment screws
- Calibration screws
- Meters and gauges

**REMOVABLE**

Apply 242°  
or 248™

**LOCTITE® 242° LIQUID OR  
248™ STICK THREADLOCKER**

- Machine tools and presses
- Pumps and compressors
- Mounting bolts
- Gear boxes

**HIGH STRENGTH**

Apply 262™

**LOCTITE® 262™  
THREADLOCKER**

- Heavy equipment
- Suspension bolts
- Motor and pump mounts
- Bearing cap bolts and studs

**WICKING**

Apply 290™

**LOCTITE® 290™  
THREADLOCKER**

- Preassembled fasteners
- Instrumentation screws
- Electrical connectors
- Carburetors

