



Invented by Loctite Corporation as a revolutionary method to lock and seal threaded fasteners, Loctite® Liquid Threadlockers have found wide acceptance in a range of applications—from delicate electronic components to heavy construction equipment.

Loctite® Pre-Applied Threadlockers are dry-to-the-touch films applied to threaded fasteners by fastener suppliers and process centers located throughout North America. Ideally suited for OEMs, they improve speed of assembly and ensure quality by eliminating on-line adhesive dispensing.

Loctite® Threadlockers are available in varying viscosities and strengths for virtually any application, including exposure to extreme environments.

THREADLOCKING

LIQUID THREADLOCKERS

222MS Threadlocker **Low Strength/Small Screw**

Ideal for fastener diameters of 1/4" (6 mm) and smaller. Controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

242® Threadlocker **Medium Strength**

A general-purpose, removable threadlocker for fasteners between 1/4" and 3/4" (6 to 20 mm) diameters. Controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

243 Threadlocker **Oil Resistant/ Medium Strength**

A general-purpose medium strength threadlocker with improved oil tolerance. For fasteners between 1/4" and 3/4" (6 to 20 mm) diameters.

246 Threadlocker **High Temp./Medium Strength**

This threadlocker resists oil and mild surface contamination at continuous temperatures to 450°F. Suitable for fasteners between 1/4" and 3/4" (6 to 20 mm) diameters.

262 Threadlocker **Medium to High Strength**

A permanent locking threadlocker for fasteners up to 3/4" (20 mm) diameter. High lubrication for easy assembly. Excellent for preventing rust and corrosion in extreme chemical/environmental conditions.

266 Threadlocker **High Temp./High Strength**

Fast fixturing threadlocker resists oil and mild surface contamination at temperatures to 450°F. Locks fasteners up to 3/4" (20mm) in diameter.

**271™ Threadlocker
High Strength**

A high strength, low viscosity threadlocker for fasteners up to 1" (25 mm) diameter.

**272 Threadlocker
High Temp./High Strength**

Withstands temperatures to 450°F. Provides a fast cure on most surfaces including "as received" fasteners. Recommended for bolts up to 1 1/2" (36 mm) in diameter. Heat and hand tools are required for disassembly.

**277 Threadlocker
High Strength**

Locks fasteners up to 1 1/2" (36 mm). Protects threads from rust and corrosion. Removable with heat and hand tools.

**290 Threadlocker
Wicking Grade**

A medium-strength threadlocker for pre-assembled bolts up to 1/2" (12 mm). Penetrates threads by capillary action. Secures set screws and other assemblies after settings are completed. Seals welds and porous metal parts. Protects threads from rust and corrosion. Localized heating and hand tools are needed for disassembly.

**294 Threadlocker
High Temp./Wicking Grade**

Ideally suited for pre-assembled fasteners. Performs well on oily fasteners.

**425 Assure™ Threadlocker
Surface Curing**






Low strength, fast curing threadlocker for plastic fasteners. Can be applied before or after assembly.

*For technical information
and/or product
availability, call:
1-800-LOCTITE (562-8483)
or visit us on the web at:*

www.loctite.com



**LIQUID THREADLOCKERS
PROPERTIES CHART**

PRODUCT	Item Number	Container	Typical Use	Color	Viscosity cP	Torque in. lbs. (M10 Steel Nuts & Bolts) Break/Prevail	Temperature Range	Cure Speed, Steel @25°C*	Oil Tolerant	Recommended Primer	Specific Gravity	Key Specifications
222 	21463 21464 21465 21466	10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	Small screws under 1/4"	Purple	1,200/ 5,000 Thixotropic	53/30	-65°F to 300°F	Fixture - 20 min. Full - 24 hrs.	-	N or T	1.05	-
222MS	22205 22221 22231 22241	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	Easy removal small screws	Purple	1,200/ 6,000 Thixotropic	62/27	-65°F to 300°F	Fixture - 20 min. Full - 24 hrs.	-	N or T	1.05	Mil-Spec (S-46163A) Type II, Grade M
242®	24205 24221 24231 24241 24243	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	Removable grade up to 3/4" bolts	Blue	1,200/ 6,000 Thixotropic	115/53	-65°F to 300°F	Fixture - 10 min. Full - 24 hrs.	-	N or T	1.07	Mil-Spec (S-46163A) Type II, Grade N NSF/ANSI 61 approved
243 	23977 24077 24078 24079 21433	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	Up to 3/4" bolts with light oil contamination	Blue	2,250/ 12,000 Thixotropic	180/62	-65°F to 300°F	Fixture - 10 min. Full - 24 hrs.	Yes	N or T	1.08	NSF/ANSI 61 approved Agriculture Canada approved
246	29512 29513 29514 29515	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	High temperature medium strength	Blue	2,600	170/48	-65°F to 450°F	Fixture - 7 min. Full - 24 hrs.	Yes	N or T	1.15	-
262 	26205 26221 26231 26241 26243	.5 ml capsule 10 ml tube 50 ml bottle 250 ml bottle 1 liter bottle	Permanent locking up to 3/4" bolts	Red	1,800/ 5,000 Thixotropic	190/275	-65°F to 300°F	Fixture - 20 min. Full - 24 hrs.	-	N or T	1.05	Mil-Spec (S-46163A) Type II, Grade O Agriculture Canada approved
266	26771 26772 26773 26774	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	High strength high temperature	Red- orange	3,750- 9,000	270/35	-65°F to 450°F	Fixture - 40 min. Full - 3 hrs.	Yes	T	1.19	-
271™	27105 27121 27131 27141	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	High strength for fasteners up to 1" diam.	Red	500	230/320	-65°F to 300°F	Fixture - 10 min. Full - 24 hrs.	-	N or T	1.12	Mil-Spec (S-46163A) Type I, Grade K UL classified
272 	27240 27270 27285	50 ml bottle 250 ml bottle 1 liter bottle	High temperature applications	Red	9,500	200/220	-65°F to 450°F	Fixture - 30 min. Full - 24 hrs.	-	N or T	1.11	-
277	21434 27731 27741 27743	10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	High strength for large bolts	Red	7,000	275/275	-65°F to 300°F	Fixture - 30 min. Full - 24 hrs.	-	N or T	1.12	Mil-Spec (S-46163A) Type I, Grade L
290 	29005 29021 29031 29041 29043	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	Wicking grade for preassembled parts	Green	12	85/250	-65°F to 300°F	Fixture - 20 min. Full - 24 hrs.	-	N or T	1.08	Mil-Spec (S-46163A) Type III, Grade R NSF/ANSI 61 certified
294	27934 27935 27936 27937	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	High temperature wicking grade	Green	34.5	289/237	-65°F to 400°F	Fixture - 10 min. Full - 24 hrs.	Yes	N or T	1.13	-
425	42540 42561	20 gm bottle 1 lb. bottle	For small plastic fasteners	Blue	60	5/4	-65°F to 180°F	Fixture - 2 min. Full - 14 hrs.	-	-	1.10	-

 Indicates worldwide availability

PRE-APPLIED THREADLOCKERS

200 DRI-LOC®

A high locking strength compound that reliably secures and seals threaded fasteners.

201 DRI-LOC®

A high temperature high strength adhesive engineered to withstand application temperatures up to 400°F (204°C).

202 DRI-LOC®

A medium strength threadlocker, general purpose for many application requirements.

203 DRI-LOC®

Offers mild strength and good lubricity for easy assembly and disassembly of parts.

204 DRI-LOC®

A high strength adhesive sealant that performs consistently on plated surfaces.

205 DRI-LOC®

The lubricity of this threadlocker provides torque/tension performance that emulates uncoated fasteners. Good strength helps assure specified clamp loads.




DRI-LOC® STS


A medium strength threadlocker and straight thread sealant, formulated with excellent lubricity to minimize friction for a more controllable torque/tension relationship.

Pre-Applied Anti-Seize

Capable of withstanding temperatures to 1200°F (648°C), this pre-applied product offers instant sealing of most fluids and thread protection in corrosive environments. Reusable up to five times, Anti-Seize will perform on all part finishes and eliminate high temperature galling.

PRE-APPLIED THREADLOCKERS PROPERTIES CHART

PRODUCT	Typical Use	Color	Torque in. lbs. (3/8"-16 Phosphate Steel) Break/Prevail	Temperature Range	Cure Speed, Steel @25°C*	Lubricity	Key Specification
200	General purpose	Yellow	220/105	-65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	Medium	-
201	High temperature High strength	Yellow	245/130	-65°F to 400°F	Fixture - 10 min. Full - 72 hrs.	Low	-
202 	Adjustable	Green	200/105	-65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	Medium	-
203	Medium strength	Silver	160/75	-65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	Medium	-
204	Plated substrates	Red	270/260	-65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	Low	NSF/ANSI 61 certified
205	High strength on most substrates	Peach	149/57	-65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	High	-
2015 	Medium strength, high temperature	Peach	105/35	-65°F to 400°F	Fixture - 5 min. Full - 72 hrs.	High	-
2050 	High strength	Red	300/27	65°F to 300°F	Fixture - 10 min. Full - 72 hrs.	High	-
STS	Medium strength, thread sealing	Light blue	210/95	-65°F to 300°F	Fixture - 10 min. Full - 24 hrs.	High	-
Anti-Seize	Thread protection, anti-galling	Grey	-	-65°F to 1,200°F	Instant, reusable	Very high	-

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Loctite® Pre-Applied Threadlockers are applied to fasteners and fittings by authorized converters throughout North America. For the name of your nearest converter, call: 1-800-LOCTITE, ext. 2630

Loctite® Pre-Applied Threadlockers are approved to numerous automotive specifications. Contact Loctite at 1-800-LOCTITE, ext. 2630 for more information.

Or visit our web site at:
www.loctite.com