

Benefits of Using LOCTITE® Threadlockers

- Locks mating threads to prevent loosening from vibration & shock
- Seals against fluids & corrosion
- Provides lubricity to achieve controlled strength during assembly¹.
- Prevents galling and seizing for reliable disassembly

Red or Blue? How to Choose a LOCTITE® Threadlocker

LOCTITE
THREADLOCKER
PRODUCT RANGE

From heavy industrial equipment to delicate electronic components, LOCTITE Threadlockers dramatically increase the reliability of threaded assemblies. LOCTITE threadlockers are available in a wide variety of strengths.

LOCTITE 222	LOCTITE 243 (OIL TOLERANT)	LOCTITE 249 (WICKING GRADE)	LOCTITE 263	LOCTITE 277
LOW STRENGTH	MEDIUM STRENGTH	MEDIUM STRENGTH	HIGH STRENGTH	HIGH STRENGTH
TT (LO TO LO)* 6/3 150°C HARD LASH	TT (LO TO LO)* 20/7 180°C STANDARD DISASSEMBLY WITH CARBON TOOLS	TT (LO TO LO)* 10/29 150°C STANDARD DISASSEMBLY WITH CARBON TOOLS	TT (UP TO UP)* 32/32 180°C LOCALIZED HEAT FORMER RESISTANCE	TT (UP TO UP)* 31/31 150°C LOCALIZED HEAT FORMER RESISTANCE

TT STANDARD TIGHTENING TORQUE *FOR LARGE BULLETED UP (FORMER) **FOR LARGE BULLETED UP (FORMER) †† FOR LARGE BULLETED UP (FORMER)

There are 3 things to consider when choosing a threadlocker and color is key, as it represents strength:

1. Strength

Low Strength (Purple)

Medium Strength (Blue) – most applications can be served with blue threadlocker

High Strength (Red)

2. Fastener Size

From < ¼" (6 mm) fasteners on up, there' s a LOCTITE threadlocker

3. Application Methods

Pre-Assembly: Most LOCTITE® liquid threadlockers are designed to be applied at the moment parts are assembled

Post-Assembly: Wicking grade formula can be applied on parts that are already assembled