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: ¼" to ¾" with light oil contamination
Disassembly: Standard hand tools

LOCTITE® 263™ THREADLOCKER
High Strength

Features: High strength, works on all metals
Fastener Size: ¼" to ¾" with light oil contamination
Disassembly: Localized heat required

LOCTITE® THREADLOCKERS

<table>
<thead>
<tr>
<th>Product</th>
<th>Item Number</th>
<th>Pack Size</th>
<th>Color</th>
<th>Thixotropic (yes/no)</th>
<th>Viscosity [cp] 20 rpm</th>
<th>Break/Prevail Torque, M10 Steel Nuts &amp; Bolts</th>
<th>Temperature Range</th>
<th>Fixture Time / Full Cure</th>
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<tbody>
<tr>
<td>243™</td>
<td>1329467</td>
<td>50 ml</td>
<td>Blue</td>
<td>Yes</td>
<td>2,150</td>
<td>230/40 in.-lbs. (26/5 Nm)</td>
<td>-65°F to 360°F</td>
<td>10 min. / 24 hrs.</td>
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<td></td>
<td>1329505</td>
<td>250 ml</td>
<td></td>
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<tr>
<td>263™</td>
<td>1330585</td>
<td>50 ml</td>
<td>Red</td>
<td>No</td>
<td>500</td>
<td>290/290 in.-lbs. (33/33 Nm)</td>
<td>-65°F to 360°F</td>
<td>10 min. / 24 hrs.</td>
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<tr>
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<td>1330335</td>
<td>250 ml</td>
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</tbody>
</table>

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 50 ml and 250 ml bottle
• Item number 2564842

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

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Engineering Adhesives
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Fax: 860.571.5465

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