

## Loctite® 272 High Temperature/High Strength Threadlocker

Category : Polymer , Adhesive , Thermoset

**Material Notes:**

ThreadlockersInvented 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.Loctite® 272 High Temperature/High Strength ThreadlockerWithstands temperatures to 450°F. Provides a fast cure on most surfaces including "as received" fasteners. Recommended for bolts up to 1.5" (36 mm) in diameter. Heat and hand tools are required for disassembly.Torque capability, M10 steel nuts and bolts: 200 in. lbs. (break), 220 in. lbs. (prevail). Recommended Primer: 7649(N) or 7471(T) Typical Use: High temperature applications

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-272-High-TemperatureHigh-StrengthThreadlocker.php](http://www.lookpolymers.com/polymer_Loctite-272-High-TemperatureHigh-StrengthThreadlocker.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 1.11 g/cc | 0.0401 lb/in <sup>3</sup> |          |
| Viscosity           | 9500 cP   | 9500 cP                   |          |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 232 °C   | 450 °F   |          |
| Minimum Service Temperature, Air | -53.9 °C | -65.0 °F |          |

| Processing Properties | Metric               | English              | Comments         |
|-----------------------|----------------------|----------------------|------------------|
| Cure Time             | 30.0 min             | 0.500 hour           |                  |
|                       | 1440 min             | 24.0 hour            | Full Cure; Steel |
|                       | @Temperature 25.0 °C | @Temperature 77.0 °F |                  |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color                  | Red   |          |

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