

## Loctite® 277 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® 277 High Strength ThreadlockerLocks fasteners up to 1.5" (36 mm). Protects threads from rust and corrosion. Removable with heat and hand tools.Torque capability, M10 steel nuts and bolts: 275 in. lbs. (break), 275 in. lbs. (prevail).Recommended Primer: 7649(N) or 7471(T)Mil-Spec (S-46163A) Type I, Grade LTypical Use: High strength for large bolts

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-277-High-StrengthThreadlocker.php](http://www.lookpolymers.com/polymer_Loctite-277-High-StrengthThreadlocker.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	
Viscosity	7000 cP	7000 cP	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °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	

## Contact Songhan Plastic Technology Co.,Ltd.

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