

LOCTITE® Thread Locking

LOCTITE® 222 - Low-Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 01, Loctite 222, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 731 01	10	Bottle	20
140 731 02	50	Bottle	77

Specifications

- Thread size: to M36.
- Strength: Low.
- Functional strength (Typical value at +22°C): 6 hrs.
- Breakaway torque according to DIN 54454 at M10: 6 Nm.
- Temperature resistance: -55°C to +150°C.

Approvals

- P1 NSF Reg. No.: 123002.

Low-strength thread locking for all threaded connections made from metal to M36. The connections can be unfastened using normal tools.

Applications

Ideal for adjusting screws, screws at maintenance access, carburetor screws etc.. Also suitable for metals which might brake during disassembly.

LOCTITE® 243 - Medium Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 07, Loctite 243, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 731 07	10	Bottle	20
140 731 08	50	Bottle	78

Specifications

- Thread size: to M36.
- Strength: Medium.
- Functional strength (Typical value at +22°C): 2 hrs.
- Breakaway torque according to DIN 54454 at M10: 20 Nm.
- Temperature resistance: -55°C to +180°C.

Approvals

- P1 NSF Reg. No.: 123000.
- Certified to ANSI/NSF.
- Standard 61.

Medium strength thread locking for all threaded connections made from metal to M36. Tolerates low oil-based contaminations. The connections can be unfastened using normal tools.

Applications

Locks and prevents loosening from vibration on parts such as screws, nuts and studs, e.g., on motors, gearboxes and housings.

LOCTITE® 290 - Post-Assembly Thread Locking, Medium Strength



Ordering details: e.g.: Product No. 140 731 12, Loctite 290, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 731 12	10	Bottle	20
140 731 13	50	Bottle	77

Specifications

- Thread size: to M12.
- Strength: Medium.
- Functional strength (Typical value at +22°C): 3 hrs.
- Breakaway torque according to DIN 54454 at M10: 10 Nm.
- Temperature resistance: -55°C to +150°C.

For post-assembly thread locking (medium strength). For metal threads. Because of its low viscosity, the product penetrates into the threads, to size M12. When disassembling the parts, the connection should be heated to +250°C.

Applications

Prefabricated connections, carburetor screws, adjusting screws, screws at maintenance access etc.

LOCTITE® 2701 - Maximum Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 18, Loctite 2701, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight
140 731 18	10	Bottle	20
140 731 19	50	Bottle	78

Specifications

- Thread size: To M20.
- Strength: High.
- Functional strength (Typical value at 22°C): 6 hrs.
- Breakaway torque according to DIN 54454 at M10: 38 Nm.
- Temperature resistance: -55°C to +150°C.

Approvals

- P1 NSF Reg. No.: 123006.

Maximum strength thread locking for all threaded connections made from metal, including passive materials, such as high-alloyed steel or chrome plated surfaces. Ideal for threaded connections exposed to strong vibrations and shocks, e.g. studs on motors or pumps etc. When disassembling the parts, the connection should be heated to +250°C.

Applications

All threaded connections which require high durability against strong vibrations and shocks or extreme environmental or chemical influences.

Safety Data Sheets at www.maedler.de in the section Downloads