

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 ISO 10964 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 ISO 10964 at M10: 26 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® 270 - Maximum Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 09, Loctite 270, Cont. 10 ml

| Product No. | Contents in ml | Packaging Type | Weight |
|-------------|----------------|----------------|--------|
| 140 731 09 | 10 | Bottle | 20 |
| 140 731 10 | 50 | Bottle | 78 |

Specifications

- Thread size: To M20.
- Strength: High.
- Functional strength (Typical value at 22°C): 3 hrs.
- Breakaway torque according to ISO 10964 at M10: 33 Nm.
- Temperature resistance: -55°C to +180°C.

Approvals

- P1 NSF Reg. No.: 123006.

High-strength threadlocker for maximum efficacy in the securing and sealing of bolts, nuts and studs to prevent loosening due to vibration. The product serves to permanently lock assemblies which must not come loose. It works on all metals, including passive substrates such as stainless steel, aluminium and plated surfaces. It is proven to be tolerant of minor contamination due to industrial oils, e.g. engine oils, corrosion prevention oils and cutting fluids. Can be disassembled by heating to 300°C.

Applications

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

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 ISO 10964 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.

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

LOCTITE® Thread Locking

LOCTITE® 2400 - Medium Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 14, Loctite 2400, Cont. 5 ml

| Product No. | Contents in ml | Packaging Type | Weight in g |
|-------------|----------------|----------------|-------------|
| 140 731 14 | 5 | Bottle | 12 |
| 140 731 15 | 50 | Bottle | 78 |

Specifications

- "White" material safety data sheet without hazard symbols.
- Thread size: to M36.
- Strength: Medium.
- High chemical resistance.
- Functional strength (Typical value at +22°C): 2 hrs.
- Breakaway torque according to ISO 10964 at M10: 20 Nm.
- Temperature resistance: -55°C to +150°C.

Approvals

- WRAS (BS 6920): 1104507.

Medium threadlocker formulated to secure and seal bolts, nuts and studs to prevent loosening due to vibration. It works on all metals and passive substrates. Slight contamination by industrial oils, corrosion prevention oils and cutting fluids is tolerated. Its key differentiator is the "White" Material Safety Data Sheet. LOCTITE 2400 carries no hazard symbols, risk or safety phrases and does not contain any declarable carcinogens, mutagens or reproductive toxins.

Applications

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

LOCTITE® 2700 - Maximum Strength Thread Locking



Ordering details: e.g.: Product No. 140 731 16, Loctite 2700, Cont. 5 ml

| Product No. | Contents in ml | Packaging Type | Weight |
|-------------|----------------|----------------|--------|
| 140 731 16 | 5 | Bottle | 12 |
| 140 731 17 | 50 | Bottle | 78 |

Specifications

- "White" material safety data sheet without hazard symbols.
- Thread size: To M20.
- Strength: High.
- High chemical resistance.
- Functional strength (Typical value at 22°C): 3 hrs.
- Breakaway torque according to ISO 10964 at M10: 20 Nm.
- Temperature resistance: -55°C to +150°C.

Approvals

- WRAS (BS 6920): 1104508.

High-strength threadlocker for maximum efficacy in the securing and sealing of bolts, nuts and studs to prevent loosening due to vibration. The product serves to permanently lock assemblies which must not come loose. It works on all metals, including passive substrates. Slight contamination is tolerated. Its key differentiator is the "White" Material Safety Data Sheet. LOCTITE 2700 carries no hazard symbols, risk or safety phrases and does not contain any declarable carcinogens, mutagens or reproductive toxins.

Applications

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

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 ISO 10964 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