

# STRONG ARM THREADLOCKERS

Single Component  
Adhesive for Fasteners



High Strength  
SKU #42652  
6/case

Medium Strength  
SKU #42650  
6/case

## Prevents loosening, leakage and corrosion of fasteners.

Strong Arm Threadlockers are fast curing, permanent thread locking compounds for heavy duty bonding and sealing threads. With excellent resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals, Strong Arm Threadlockers are good in a chemical environment. Use to protect against vibrations and shock which can cause system failure. Extend the life of plated parts, vibration and moving components with Strong Arm Threadlockers.

### HIGH STRENGTH (RED) Permanent

#### Application

- Heavy duty applications such as bolts used in transmission, construction equipment or railroad assemblies, etc.
- Fasteners up to ¾" (up to 20mm) diameters.
- Lubricated for easy assembly. Prevents loosening and leakage of threaded fasteners. Locks and seals threaded joints, nuts, screws and studs.
- Meets 90% of all nut and bolt thread locking applications.
- Heat and hand tools are required for disassembly.
- Meets military specification: MIL-S-46163.
- 10ml

### MEDIUM STRENGTH (BLUE) Removable

#### Application

- General purpose applications such as thread locking plated parts, vibration or moving components.
- Fasteners up to ¾" (up to 20mm) diameters.
- Locks and seals threaded joints, nuts, screws and studs.
- Meets 90% of all nut and bolt thread locking applications.
- Only hand tools are needed for disassembly.
- Meets military specification: MIL-S-46163.
- 10ml

Multi Pack 3 Red and 3 Blue SKU #42722

**DCT** DURABLE COMPONENT TECH

1-800-285-7965

P.O. BOX 15204, ST. LOUIS, MO 63110

# STRONG ARM THREADLOCKERS

## ORDERING INFORMATION

### HIGH STRENGTH (RED) Permanent

#### ADHESIVE PROPERTIES:

Color	Red
Composition	Methacrylate Ester
Viscosity	2400 cps at 77°F (25°C)
Specific Gravity	1.05
Maximum Bolt Size	3/4"/20mm
Flash Point	>203°F (>95°C)
Solvent Content	None

#### CURING PROPERTIES:

Handling Cure Time	20 minutes
Functional Cure Time	1-3 hours
Full Cure Time	24 hours

Breakaway Torque ISO 10964  
M10 steel nuts and bolts N·m

190 lb. in. (22 N·m)

Prevail Torque ISO 10964  
M10 steel nuts and bolts N·m

275 lb. in. (32 N·m)

Breakloose Torque ISO 10964, pre-torqued to 5 N·m  
M10 steel nuts and bolts

340 lb. in. (38 N·m)

Max Prevail Torque ISO 10964, pre-torqued to 5 N·m  
M10 steel nuts and bolts

350 lb. in. (40 N·m)

Compressive Shear Strength, ISO 10123  
Steel pins and collars

> 10 N/mm<sup>2</sup> 1400 psi

Temperature Range

-67 to 302°F (-55 to 150°C)

### MEDIUM STRENGTH (BLUE) Removable

#### ADHESIVE PROPERTIES:

Color	Blue
Composition	Methacrylate Ester
Viscosity	1200 cps at 77°F (25°C)
Specific Gravity	1.07
Maximum Bolt Size	3/4"/20mm
Flash Point	>212°F (>100°C)

#### CURING PROPERTIES:

Handling Cure Time	10 minutes
Functional Cure Time	1-3 hours
Full Cure Time	24 hours

Breakaway Torque ISO 10964  
3/8 x 16 steel nuts and bolts N·m  
3/8 x 16 cadmium nuts and bolts N·m  
3/8 x 16 zinc nuts and bolts N·m  
M10 black oxide steel nuts and bolts N·m

70-150 lb. in. (8-17 N·m)  
10-60 lb. in. (1-7 N·m)  
20-60 lb. in. (2-7 N·m)  
71-168 lb. in. (8-19 N·m)

Prevail Torque ISO 10964  
3/8 x 16 steel nuts and bolts N·m  
3/8 x 16 cadmium nuts and bolts N·m  
3/8 x 16 zinc nuts and bolts N·m

25-60 lb. in. (3-7 N·m)  
4-40 lb. in. (1-5 N·m)  
10-40 lb. in. (1-4 N·m)

Temperature Range

-67 to 302°F (-55 to 150°C)