

LOCTITE

# HOW TO SELECT THE RIGHT LOCTITE THREADLOCKER

Suited for a wide range of applications, LOCTITE® threadlockers increase the reliability of threaded assemblies

TO FIND THE RIGHT LOCTITE PRODUCT FOR YOUR THREADLOCKING NEED, JUST ANSWER 3 QUESTIONS:

1 FASTENER SIZE



2 STRENGTH REQUIRED



3 FREQUENCY OF SERVICE



## LOCTITE® 222

**LOW STRENGTH**

Ideal for small screws



FASTENER SIZE-  
UP TO  
1/4" (UP TO M6)



DISASSEMBLY  
FREQUENCY  
HIGH



TEMPERATURE  
RESISTANCE\*  
150°C

### ADDITIONAL FEATURES

- Breakaway/Prevail Torque\*\* (N.m)- 6/3
- Cure Time (Fixture/Full Strength)\*- 10 min./24 hr.
- Ideal for locking small screws like countersunk head and set screws



## LOCTITE® 243

**MEDIUM STRENGTH**

Oil tolerant



FASTENER SIZE-  
1/4" TO 3/4"  
(M6 TO M20)



DISASSEMBLY  
FREQUENCY  
NORMAL



TEMPERATURE  
RESISTANCE\*  
180°C

### ADDITIONAL FEATURES

- Breakaway/Prevail Torque\*\* (N.m)- 20/7
- Cure Time (Fixture/Full Strength)\*- 10 min./24 hr.
- Effective on all metal threaded fasteners



## LOCTITE® 263

**HIGH STRENGTH**

Oil Tolerant



FASTENER SIZE-  
1/4" TO 3/4"  
(M6 TO M20)



DISASSEMBLY  
FREQUENCY  
RARE



TEMPERATURE  
RESISTANCE\*  
180°C

### ADDITIONAL FEATURES

- Breakaway/Prevail Torque\*\* (N.m)- 33/33
- Cure Time (Fixture/Full Strength)\*- 10 min./24 hr.
- Effective on all metal threaded fasteners



## LOCTITE® 277

**PERMANENT**

Ideal for large bolts



FASTENER SIZE-  
FOR LARGE BOLTS  
> 7/8" (>20MM)



DISASSEMBLY  
FREQUENCY  
RARE



TEMPERATURE  
RESISTANCE\*  
150°C

### ADDITIONAL FEATURES

- Breakaway/Prevail Torque\*\* (N.m)- 31/31
- Cure Time (Fixture/Full Strength)\*- 60 min./24 hr.
- Ideal for locking and sealing large bolts and studs

\*Continuous Service

\*\*The torque required to loosen the assembly is breakloose torque and the torque needed to turn the fastener by 180° is prevail torque