THREADLOCKING

Locking of threaded fasteners

- » PREVENTS LOOSENING FROM SHOCK AND VIBRATION
- » SINGLE COMPONENT – CLEAN AND EASY TO APPLY
- » CAN BE USED ON VARIOUS SIZES OF FASTENERS – REDUCES INVENTORY COSTS
- » SEALS THREADS
- » STOPS RUST AND CORROSION

ARE THE PARTS ALREADY ASSEMBLED?

	Low – Purple	Medium – Blue	
	Easy Disassembly	Improved Oil Tolerance	Stick Applicator
		Use on all Metals	Overhead Applications
HENKEL SOLUTIONS	**LOCTITE® 222**	**LOCTITE® 243**	**LOCTITE® 248**
Fastener Size	Up to 36mm (M12)	Up to 36mm (M36)	Up to 20mm (M20)
Colour	Purple	Blue	Blue
Strength	Low	Medium	Medium
Fixture Time#	20 min	10 min	5 min
Full Strength#	24 hrs	24 hrs	24 hrs
Breakloose Torque# Nm (lb.in.)	14 (120)	24 (210)	20 (177)
Prevailing Torque# Nm (lb.in.)	14 (120)	4 (35)	-
Temperature Range	-54°C to +150°C	-54°C to +180°C	-54°C to +150°C
Recommended Primer	7471/7088	7649/7088	7649/7471
Disassembly Method	Hand Tool	Hand Tool	Hand Tool
Package Size & IDH	10 ml bottle - 471660 50 ml bottle - 231499 250 ml bottle - 1496888	10 ml bottle - 1311375 50 ml bottle - 1311321 250 ml bottle - 1311323	19 g stick - 933728

 # M10 steel nut & bolt, cured for 24 hours @ 22°C and pre-torqued to 5Nm.
** Breakaway torque. For further information refer to product Technical data Sheet.*
[1] Prevailing Torque measured as per ISO 10964

Recommended for low strength threadlocking of adjusting screws, counter sunk head screws and set screws; on collars, pulleys, tool holders, and controllers.

High performance on various metals, even without use of a primer. Improved reliability in high temperature applications and on oil contaminated surfaces.

Medium strength semi-solid stick applicator ideal for hard to reach applications. Recommended for fastener applications where removal is required.

Refer to page 31 for Application Procedures.

What strength do you require?

NO				YES
High - Red			Very High - Red	Medium/High - Green
Improved Oil Tolerance	**Stick Applicator**	**High Thermal Stability**	**Very High Strength**	**Wicking Grade**
Use on all Metals	**No Mess**		**High Chemical Resistance**	**Fills Porosity in Welds / Castings**
LOCTITE® 263	**LOCTITE® 268**	**LOCTITE® 272**	**LOCTITE® 277**	**LOCTITE® 290**
Up to 36mm (M36)	Up to 20mm (M20)	Up to 36mm (M36)	M25 and larger	Up to 12mm (M12)
Red	Red	Red / Orange	Red	Green
High	High	High	High	Medium/High
10 min	5 min	60 min	30 min	20 min
24 hrs	72 hrs	24 hrs	24 hrs	6 hrs
39 (345)	37 (330)	23 (200)*	38 (340)	30 (270)
25 (220)[1]	-	25 (220)*	40 (350)	40 (350)
-54°C to +180°C	-54°C to +150°C	-54°C to +232°C	-54°C to +150°C	-54°C to +150°C
7471	7471	7649/7471	7649	7649
Direct Heat	Direct Heat	Direct Heat	Direct Heat	Direct Heat
10 ml bottle - 1374241 50 ml bottle - 1331618 250 ml bottle - 1331536	19 g stick - 933730	50 ml bottle - 88442	50 ml bottle - 232658 250 ml bottle - 1496860	10 ml bottle - 1175229 50 ml bottle - 1496855 250 ml bottle - 1225613
				
High performance on various metals, even without use of a primer. Improved reliability in high temperature applications and on oil contaminated surfaces.	High strength semi-solid stick applicator ideal for hard to reach places. Recommended for heavy duty applications such as transmission bolts and construction equipment.	High temperature threadlocker with outstanding chemical resistance. Suitable for sealing most refrigerants.	Very high strength threadlocker with outstanding chemical resistance.	Recommended for locking pre-assembled fasteners such as instrument screws, electrical connectors and setscrews.

THREADLOCKING

Invented as a revolutionary method to lock and seal threaded fasteners, Loctite® brand anaerobic threadlockers have found wide acceptance in a range of applications – from delicate electronic components to heavy construction equipment. Loctite® brand threadlockers are available in varying viscosities and strengths for virtually any application, including exposure to extreme environments.

FEATURES & BENEFITS

Prevents Loosening of Fasteners – Sets to a thermoset plastic that fills microscopic gaps between interfacing threads preventing any movement.

Seals Against Corrosion – Seals the joint preventing ingress of moisture and other corrosive gases, chemicals and fluids.

Provides Correct Lubricity – Lubrication properties yield controlled torque tension curves - ideal for assembly of equipment to specified torque values.

Controlled Strengths – Available in varied controlled strengths to suit all applications – low, medium and high.

Suitable for all Fastener Sizes – Eliminates the need to hold stock of expensive mechanical fasteners.

Easy to Apply – Simply apply to the thread and assemble. Excess will not cure and can be easily wiped away.

DID YOU KNOW?

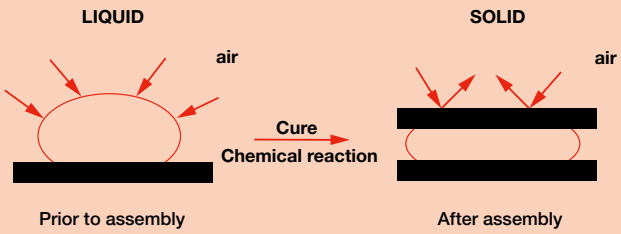
How does an Anaerobic Adhesive work?

Anaerobic adhesives are single-component materials which cure at room temperature when deprived of contact with oxygen.

Curing begins when the two metal parts are mated together and any adhesive outside of the joint or thread remains liquid.

The capillary effect of the anaerobic liquid adhesive carries it into even the smallest gaps to fill the joint.

The cured adhesive is then ‘keyed’ to the surface roughness of the parts forming a tough thermoset plastic, which bonds the components and seals against moisture or chemical attack.



Refer to page 31 for Application Procedures.