



Nutlock

General purpose medium-strength threadlocker, suitable for all metal threaded assemblies.



Features & Benefits

- Blue medium-strength threadlocker - can be disassembled with hand tools
- Highly resistant to vibrations - ideal for locking assemblies on moving parts
- High temperature resistance - up to +180° C
- Increased oil tolerance - locks assemblies even when not completely clean
- Primerless on active and passive metals - saves time in the maintenance and repair operation
- High chemical resistance to most industrial liquids
- Non-hazardous - safe for the user and the environment
- NSF P1 registered - for use in food-processing environment

P/N	Product	S/C	Packaging
86539	Nutlock	NLK	50 ml concertina bottle
86545	Anaerobic Activator	ANAC	200 ml aerosol

Application

Nutlock locks and seals threaded fasteners up to 1-1/4" (M36), and prevents loosening and leakage on vibrating assemblies, e.g. engines, pumps and gear boxes. Nutlock cures in the absence of air between close fitting metal parts - active metals such as brass and copper, and passive metals such as stainless steel, aluminium and plated surfaces. The curing speed varies depending on the surface. For increasing the curing speed, use KENT Anaerobic Activator. Nutlock can be applied on surfaces presenting traces of cutting oils, lubricants and protection liquids.

Instructions

1. Clean all threads with KENT Soft Surface Cleaner.
2. If required, apply KENT Anaerobic Activator on all threads and allow 30 to 60 seconds to dry.
3. Insert the bolt through the hole assembly.
4. Apply Nutlock on both bolt and nut.
5. Assemble and tighten nut to required torque. Don't move parts after tightening.
6. Functional strength is achieved in 3 to 6 hours depending on the nature of the surface and the size of the thread. Allow 24 hours curing time in order to achieve full strength.



Technical Information

Base:	Methacrylate anaerobic resin
Consistency:	Thixotropic liquid
Colour:	Blue
Shelf life:	12 months (23° C)
Custom tariff code:	3506 99 00
VOC:	0 g/l

Cure mechanism:	Anaerobic	Chemical Resistance
Viscosity (Brookfield):	2000 - 5000 mPa.s	Sulphuric acid 24% (battery acid): Good
Specific gravity:	1.04 - 1.06 g/ml	Hydrochloric acid 37%: Good
Maximum thread:	M36	Ketones: Good
Handling strength achieved:	15 - 25 minutes *	Diesel: Good
Functional strength achieved:	3 - 6 hours *	Petrol: Good
Full strength achieved:	12 - 24 hours *	Alcohol: Good
Breakaway torque:	20 - 40 Nm *	Glycols: Good
Prevail torque:	20 - 30 Nm *	Water: Good
Temp resistance :	-55° C to +180° C	Salt water: Good
Certification:	NSF P1 (155141)	Brake fluids: Good
		Motor Oils: Good

* Measured on M10 x 20 - quality 8.8 zinc nut - and bolt 0.8D (without initial load)

For the complete list, please take contact with your KENT technical advisor. Information provided here is for reference only. The bonds tested were under laboratory conditions. Adhesive performance depends upon the specific chemicals tested, substrates bonded, surface preparation and environmental conditions in processing.



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