



Prelock

Medium-strength wicking grade threadlocker, for locking pre-assembled metal threaded assemblies.



Features & Benefits

- Penetrates threads by capillary action - ideal for pre-assembled assemblies
- 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
86542	Prelock	PLK	50 ml concertina bottle
86545	Anaerobic Activator	ANAC	200 ml aerosol

Application

Prelock locks and seals pre-assembled threaded fasteners up to 1/2" (M12). Prelock is ideal for preventive maintenance on existing equipment. Applications include adjustment screws, instrumentation screws, electrical connectors and set screws. Prelock also seals porosities in welds and metal parts. Prelock 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. Prelock can be applied on surfaces presenting traces of cutting oils, lubricants and protection liquids.

Instructions

1. For preventive maintenance, tighten nuts to required torque or re-adjust screw to proper setting.
2. Apply Prelock at the nut and bolt juncture or at the screw and body juncture.
3. Don't move parts after assembling.
4. Functional strength is achieved in 3 to 4 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.

NB: Make sure that the bottle is always stored upright, to prevent leakage from the cap.



Technical Information

Base:	Methacrylate anaerobic resin
Consistency:	Wicking liquid
Colour:	Green (fluorescent)
Shelf life:	12 months (23° C). Make sure that the bottle is always stored upright, to prevent leakage from the cap.
Custom tariff code:	3506 99 00
VOC:	0 g/l

Cure mechanism:	Anaerobic	Chemical Resistance	
Viscosity (Brookfield):	20 - 55 mPa.s	Sulphuric acid 24% (battery acid):	Good
Specific gravity:	1.06 - 1.10 g/ml	Hydrochloric acid 37%:	Good
Maximum thread:	M12	Ketones:	Good
Handling strength achieved:	35 - 45 minutes *	Diesel:	Good
Functional strength achieved:	3 - 4 hours *	Petrol:	Good
Full strength achieved:	12 - 24 hours *	Alcohol:	Good
Breakaway torque:	25 - 35 Nm *	Glycols:	Good
Prevail torque:	35 - 45 Nm *	Water:	Good
Temp resistance :	-55° C to +180° C	Salt water:	Good
Certification:	NSF P1 (155139)	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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KENT (United Kingdom) Ltd, Forsyth House, Pitreavie Drive, Pitreavie Business Park, Dunfermline, Fife KY11 8US Tel : 0800 136925 or 01383 723344 between 08:30-17:30 Monday-Thursday, 09:00-15:00 on Fridays'. For out of hours queries please Fax us on 01383 735829 or Email: kentinfo.uk@kenteurope.com

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