

# ANAEROBIC THREAD LOCKING SOLUTION

- *Low Strength*
- *Medium Strength*
- *High Strength*
- *Low Viscosity High Strength*
- *Penetrant*
- *High Strength High Temperature*

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A must for Industrialists, Engineers, Architects, Developers, Professionals & Consultants.



## ANAEROBIC THREAD LOCKING Solutions

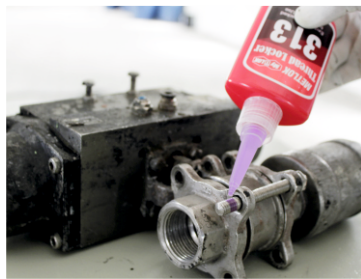
When the requirement is to prevent bolts from vibrational loosening and the torque requirements are high, anaerobic thread lockers are the best fit. Anaerobic thread lockers cure in the absence of air with metal ions accelerating the curing process. METLOK's Anaerobic thread lockers come in different strength, viscosity and temperature range to suit different applications.

### PRODUCTS

#### My-T-Lok® 313 (Low Strength)

#### My-T-Lok® 333 (Medium Strength)

Description		My-T-Lok® 313 (Low Strength)	My-T-Lok® 333 (Medium Strength)
		Thixotropic in nature. Suitable for adjustment of set screws, small diameter or long engagement length fasteners, where easy disassembly is required.	Suitable for applications on less active substrates such as stainless steel & plated surfaces, where disassembly with hand tools is required.
Appearance		PURPLE	BLUE
Specific Gravity (25±2°C) <b>ASTM D1875</b>		1.05	1.05
Viscosity, Brookfield (25±2°C) <b>ASTM D1084</b>	(cP)	900 - 1700	2000 - 3000
Initial Cure Speed	(Min)	10 - 30	5 - 15
Functional Cure Speed	(Hrs)	6	6
Torque(M10 Steel N & B) <b>BIS 13055</b>	Breakaway (N-m)	6 - 9	15 - 25
	Prevailing (N-m)	3 - 5	5 - 10
Compressive Shear Strength <b>BIS 13055</b>	Steel Pin & Collar (N/mm <sup>2</sup> )	3 - 7	7 - 15
Service Temperature	(°C)	-50 to 150	-50 to 200
Shelf Life @ 25±2°C	(Months)	18	18
Pack Size	(ml)	50 & 250	50 & 250



### My-T-Lok® 343 (High Strength)

### My-T-Lok® 370 (Low Viscosity High Strength)

### My-T-Lok® 390 (Penetrant)

### My-T-Lok® 3701 (High Strength High Temperature)

Thixotropic in nature. Suitable for Locking and sealing of large bolts and studs (M 10; M25 and larger). E.g. locking of crown gear assembly bolts in differential gear boxes.

Low viscosity high strength thread locker. Applicable for locking and sealing of larger bolts and studs (M10 and larger).

The product being low viscous, penetrates in to previously assembled threads by capillary action. It can fill micro porosity in welds, casting & powder metal parts.

Medium viscosity & high strength thread locker. Applicable for use on inactive substrates where maximum resistance to hot oil is required (M10 & larger).

RED	RED	GREEN	GREEN
1.07	1.05	1.05	1.04
1500 - 2500	400 - 600	10 - 30	2200 - 3000
10 - 30	5 - 15	5 - 15	5 - 15
6	6	6	6
25 - 35	30-50	15-20	40-60
17 - 25	30-60	10-15	≥30
13 - 20	7-15	10-15	20-30
-50 to 150	-50 to 150	-30 to 150	-50 to 200
18	18	18	18
50 & 250	50 & 250	50 & 250	50 & 250



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**NOTE :** The information provided here is based on tests in our laboratory & general information available on such products. The user is, however, advised to conduct his own trials & tests before using. The company cannot be held responsible for any said, implied, or suggested in this catalogue as the conditions of application & use are beyond our control. The products mentioned in the catalogue are our frontline products but we also offer a different range of products fulfilling specific customer requirements. METLOK has the right to continuously improve the product from time to time and hence the new versions of the catalogue will supersede the old versions.

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