

## TECHNICAL DATA SHEET – THREADLOCKERS

Our anaerobic threadlockers are the newest chemical products designed to reduce manufacturing cost while providing increased reliability of mechanical assemblies.

Anaerobic products are designed to cure (with minimal shrinkage) in the presence of metal and the absence of air, (oxygen). They have been used by manufacturers for over 35 years to replace expensive mechanical devices designed to prevent parts from vibrating apart. Because of minimal shrinkage, Anaerobics also prevent rust, corrosion and leakage.

This latest version of anaerobics are less surface sensitive and will cure on as received parts generally to a working cure of one hour.

<u>Product</u>	<u>Color</u>	<u>Viscosity</u>	<u>Breakaway/ Prevailing Torque</u>	<u>Temp. Range</u>	<u>Cure Speed*</u>	<u>Specific Gravity</u>
21TL	Violet	200cps	40/25	-65 to 350° F	10min/8hrs	1.08
22TL	Purple	1200cps	75/50	-65 to 350° F	10min/8hrs	1.05
41TL	Blue	200cps	150/75	-65 to 350° F	10min/8hrs	1.08
42TL	Blue	1200cps	150/75	-65 to 350° F	10min/8hrs	1.07
43TL	Blue	5000cps	180/90	-65 to 350° F	10min/8hrs	1.08
62TL	Red	3500cps	200/275	-65 to 350° F	10min/8hrs	1.05
71TL	Red	500cps	250/350	-65 to 350° F	10min/8hrs	1.12
72TL	Red	9000cps	250/375	-65 to 450° F	15min/24hrs	1.11
77TL	Red	7000cps	275/375	-65 to 350° F	10min/8hrs	1.12
90TL	Green	12cps	150/275	-65 to 350° F	10min/8hrs	1.08

All CA PLUS Threadlockers are available in 2ml, 10ml, 50ml, 250ml, 1liter, and 10 liter bottles. Special sizes available upon request. Shelf life on anaerobics is 2 years stored at 72° F or below.

(\* fixture and full cure)

Moreau Marketing & Sales  
410 Lori Lane  
Winston-Salem, NC 27127  
336-764-5232 Fax: 336-764-0941  
[www.Rmoreau.com](http://www.Rmoreau.com)

## Description of Threadlockers

**21TL**: Low strength threadlocking , low viscosity for small screws, and easy disassembly.

**22TL**: Low strength threadlocking, ideal for small screws, ¼” and smaller. Controlled lubricity for accurate clamp loading. Easy disassembly.

**41TL**: Medium strength threadlocking, low viscosity for fine tolerances and small diameter fasteners.

**42TL**: General purpose, medium strength, removable. Ideal for fasteners ¾” or smaller. Controlled lubricity for accurate clamp loading.

**43TL**: Medium strength, high viscosity, improved oil resistance, larger diameter fasteners, removable.

**62TL**: High strength, permanent threadlocking. High lubricity for easy assembly . Rapid handling strength, excellent resistance to extreme chemical and environmental conditions.

**71TL**: High strength, permanent threadlocking, ideal for fasteners up to 1”.

**72TL**: High strength, permanent threadlocking. Excellent high temperature properties. 450°F

**77TL**: High strength, permanent threadlocking. Higher viscosity for diameters over 1”.

**90TL**: High Strength, wicking grade. Ideal for post application to pre-assembled fasteners. Penetrates threads by capillary action. Secures screws, bolts, seals welds, porous metal parts.

All our Threadlockers are available in 2ml, 10ml, 50ml, 250ml, 1liter, and 10 liter bottles. Special sizes available upon request. Shelf life on anaerobics is 2 years stored at 72° F or below.

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## Moreau Marketing & Sales/Loctite\* Cross Reference Chart

MMS&S Part#	Loctite* Part	Size	Units/case
21TL-2	221	2 ml	50
21TL-10	221	10 ml	10
21TL-50	221	50 ml	10
21TL-250	221	250 ml	2
21TL-1L	221	1 Litre	1
21TL-10L	221	10 Litre	1
22TL-2	222/222MS	2 ml	50
22TL-10	21463/22221	10 ml	10
22TL-50	21464/22231	50 ml	10
22TL-250	21465/22241	250 ml	2
22TL-1L	21466	1 Litre	1
22TL-10L	N/A	10 Litre	1
41TL-2	241	2 ml	50
41TL-10	241	10 ml	10
41TL-50	241	50 ml	10
41TL-250	241	250 ml	2
41TL-1L	241	1 Litre	1
41TL-10L	241	10 Litre	1
42TL-2	N/A	2 ml	50
42TL-10	24221	10 ml	10
42TL-50	24231	50 ml	10
42TL-250	24241	250 ml	2
42TL-1L	24243	1 Litre	1
42TL-10L	N/A	10 Litre	1
43TL-2	N/A	2 ml	50
43TL-10	24077	10 ml	10
43TL-50	24078	50 ml	10
43TL-250	24079	250 ml	2
43TL-1L	21433	1 Litre	1
43TL-10L	N/A	10 Litre	1
62TL-2	N/A	2 ml	50
62TL-10	26221	10 ml	10
62TL-50	26231	50 ml	10
62TL-250	26241	250 ml	2
62TL-1L	26243	1 Litre	1
62TL-10L	N/A	10 Litre	1
71TL-2	N/A	2 ml	50
71TL-10	27121	10 ml	10
71TL-50	27131	50 ml	10
71TL-250	27141	250 ml	2
71TL-1L	N/A	1 Litre	1
71TL-10L	N/A	10 Litre	1
72TL-2	N/A	2 ml	50
72TL-10	N/A	10 ml	10
72TL-50	27240	50 ml	10
72TL-250	27270	250 ml	2
72TL-1L	27285	1 Litre	1
72TL-10L	N/A	10 Litre	1
77TL-2	N/A	2 ml	50
77TL-10	21434	10 ml	10
77TL-50	27731	50 ml	10
77TL-250	27741	250 ml	2
77TL-1L	27743	1 Litre	1
77TL-10L	N/A	10 Litre	1
90TL-2	N/A	2 ml	50
90TL-10	29021	10 ml	10
90TL-50	29031	50 ml	10
90TL-250	29041	250 ml	2
90TL-1L	29043	1 Litre	1
90TL-10L	N/A	10 Litre	1

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