

LINQBOND™ T242



Medium Strength Thread Locking Adhesive

- Good adhesion and sealing capability
- Good thixotropic viscosity for 3/8 UNC fasteners
- Good chemical resistance

LINQBOND T242 is a medium-viscosity, medium-strength thread locking adhesive for all types of metal, threaded fasteners ranging from 1/4" to 3/4" (6–20mm) in diameter. It is suitable for removable locking applications and allows parts to be separated using hand tools.

LINQBOND T242 delivers consistent strength on industrial fastener finishes, including black oxide and zinc plating. The product exhibits good solvent resistance and is compatible with different metal surfaces, including oily steel, aluminum, stainless steel, and zinc-plated components. It contains lubricating components that ensures consistent torque–tension relationship, allowing for accurate clamp loads on degreased phosphate, oil finishes, and zinc-plated steel, over the recommended torque range for grade 5 fasteners.

Curing occurs rapidly on standard plated or oiled metal surfaces, typically within 20 minutes, and can be accelerated through elevated temperatures or the use of activator.

Uncured properties

Property	Value	Unit
Appearance	Blue, opaque, fluorescent in black light	–
Chemical type	Methacrylate, 1 component	–
Viscosity (25 °C, Spindle 3)		
2 rpm	5000	cP
20 rpm	1200	
Specific Gravity (20/20 °C)	1.1	–

Curing properties

Property	Value	Unit
Fixture Time (23 °C, on steel)	15–20	min
Full Cure Time (23 °C)	24	h
Cure type	Anaerobic	–
Cure Activity	Fastest on plain steel fasteners Slower on plated surfaces	–
Cure Activator	Can be used with a cure activator	–

CAPLINQ Europe
Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

CAPLINQ Corporation
80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



CAPLINQ Americas
36927 Schoolcraft Rd
Livonia, MI 48150
United states
Phone: +1 (313) 558-8243
Email: info@caplinq.com

CAPLINQ Malaysia
S-08-07 Persiaran Triangle
B Lepas, Penang 11900
Malaysia
Phone: +60(12)4302223
Email: info@caplinq.com

Cured properties

Property	Value	Unit
Durometer Hardness	>80	Shore D
Breakaway Torque Range (Steel 3/8-16 UNC, M10), depending on surface	3.4–11.3	N · m
Breakaway Torque on Zinc-plated Surface (Steel 3/8-16 UNC, M10)	9	N · m
Prevail Torque Range (Steel 3/8-16 UNC, M10), depending on surface	2.9–8.1	N · m
Prevail Torque on Zinc-plated Surface Steel 3/8-16 UNC, M10)	4.6	N · m
Application Temperature	–50 to 150	°C
Solvent Resistance (60 °C) Water, oil, glycol, gasoline, transmission fluid (Immersion Test)	80–100% retention of strength	–

Instructions for Use

1. Dispense adhesive to the male threads. Partial thread coverage is sufficient for achieving the specified locking torque.
2. Join with the mating threaded component and apply the required torque within 5 minutes of assembly.

Storage and Handling

Store the container in a cool, dark place, away from direct sunlight. Shelf life when stored at 23 °C in original sealed containers is 365 days (12 months).

Caution for Use

LINQBOND T242 is not sensitive to moisture but is sensitive to UV light and heat. It will not cure if exposed to oxygen. The air space in the bottle keeps the product in liquid form. This product is for industrial use only and should not be used on plastics, as it may damage some plastic types. Do not freeze the product.

The information provided is intended for guidance. Users are responsible for evaluating the product's suitability for their specific applications and for taking appropriate safety precautions. We recommend testing the product prior to use in manufacturing.

CAPLINQ Europe

Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

CAPLINQ Corporation

80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



CAPLINQ Americas

36927 Schoolcraft Rd
Livonia, MI 48150
United states
Phone: +1 (313) 558-8243
Email: info@caplinq.com

CAPLINQ Malaysia

S-08-07 Persiaran Triangle
B Lepas, Penang 11900
Malaysia
Phone: +60(12)4302223
Email: info@caplinq.com