LINQBOND™ T243

Medium to High Strength Thread Locking Adhesive

- Good Adhesion and Sealing Capability
- Non-Migrating, Thick Gel
- Good Chemical, Oil, Solvent And Temperature Resistance Resistance

LINQBOND T243 is a medium-viscosity, medium to high 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.

LINQBOND T243 has excellent solvent and temperature resistance and is compatible with most industrial lubricants, oils, and cleaners, requiring minimal pre-cleaning. These make it suitable for use on different metal surfaces, including oily steel, aluminum, stainless steel, and zinc-plated parts. **LINQBOND T243** 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.

LINQBOND T243 is a higher-strength, faster-curing version of **LINQBOND T242**. It achieves fixture strength within 5 minutes on steel and black oxide surfaces and within 15 minutes on zinc-plated and stainless steel.

Uncured properties

Property	Value	Unit
Appearance	Blue, opaque, fluorescent in black light	–
Chemical type	Methacrylate, 1 component	–
Viscosity (25 °C, Spindle 3) 2.5 rpm 20 rpm	 12000 2400	 cP cP
Specific Gravity (20/20 °C)	1.04	–

Curing properties

Property	Value	Unit
Fixture Time (23 °C, on steel)	5–8	min
Full Cure Time (23 °C, on steel)	4	h
Full Cure Time (23 °C, on zinc)	24	h
Cure Type	Anaerobic	–
Cure Activity	Fastest on plain steel fasteners Slower on plated stainless steel	–

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
Breakaway Torque Range on Steel (Steel 3/8-16 UNC, M10)	13.5–16.8	N·m
Breakaway Torque on Zinc-plated Surface (Steel 3/8-16 UNC, M10)	9	N·m
Prevail Torque Range on Steel Steel 3/8-16 UNC, M10)	7.8–10	N·m
Prevailing Torque on Zinc-plated Surface Steel 3/8-16 UNC, M10)	5	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	–

Note: *Breakaway torque and prevail torque depend on the cleanliness of the surfaces.*

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 T243 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