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T-42 BLUE

Threadlocker - Medium Strength

WRP anaerobic adhesives and sealants represent the latest generation in anaerobic chemistry. Anaerobic threadlockers remain liquid when they are exposed to the oxygen in air, but in the lack of air, (or anaerobic environment) these products quickly polymerize and fill the inner space between the surfaces. In a continuous quest to improve the performance of anaerobic adhesives and sealants, WRProducts LLC works with leading edge engineers to push the chemistry forward, to increase cure speeds and bond strengths and to design products that are able to cure on contaminated or inert surfaces while remaining stable without special handling.

T-42 Blue is a medium strength anaerobic threadlocker for all types of metal fasteners. Use T-42 Blue on those jobs requiring a reliable fast setting anaerobic thread locker that allows for future disassembly of parts using hand tools and moderate effort. T-42 Blue works by unitizing the fastener assembly, effectively sealing the thread path against fluid leaks and corrosion. The result is disassembly at a known unchanging torque, anytime in the future, regardless of the environment.

Physical Properties

Composition	Anaerobic Methacrylates
Color	Blue
Fluorescence	Under Blue Light
Viscosity	1500 cps
Specific Weight	1.05
Flash Point	>200°F
Solvent Content	None
Shelf Life @ 72°F	2 years

Curing Properties

Handling	10-15 Minutes
Functional Cure Time	1-2 hours
Full Cure Time	8-10 hours
Locking Torque*	
Breakaway	150-200 Inch lbs
Prevalling	30-60 Inch lbs
Temperature Range	300°F

**Per ASTM D5363 Specification.
3/8-16 plain finish cap screws and nuts.
Larger fasteners will increase surface area and breakaway torque.
T-42 meets ASTM D5363 AN0321 and Mil-S-46163 TYPE II Grade N.*

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