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FAS-LOK 71

Anaerobic Thread Locking Compound

FAS-LOK 71 is a fast curing, high strength, anaerobic thread-locking compound for bonding and sealing threads, and retaining of cylindrical parts.

FAS-LOK 71 is highly resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals.

Applications:

- Designed for permanent locking & sealing of threaded fasteners.
- Ideal for thread locking large bolts and studs from loosening under vibration.
- Meets Military specifications:
- Meets ASTM D5363 AN0221

Physical Properties:

Composition:	Anaerobic Methacrylates
Color:	Red Fluorescence Under Blue Light
Viscosity:	450-550 cps
Specific Gravity:	1.05
Flash Point:	> 200°F
Solvent Content:	None
Shelf Life:	@ 72°F 2 years

Curing Properties:

Handling Cure Time:	5-10 minutes
Functional Cure Time:	1-2 hours
Full Cure Time:	8-10 hours
Temperature Range	350°F
Locking Torque*	
--Break	250-350 in lbs.
--Prevailing	250-350 in lbs.

* Per ASTM D5363 Specification.

3/8-16 plain finish cap screws and nuts.

Larger fasteners will increase surface area and breakaway torque.

FAS-LOK 71 meets ASTM D5363 AN0221 and Mil-S-46163 TYPE I Grade K

Chemical Resistance:

Chemical	Temp.	% Initial Strength Retained	
		500 hours	1000 hours
Acetone	22 °C	100	90
Ethanol	22 °C	100	100
Motor Oil	125 °C	100	100
Gasoline	22 °C	100	100
Brake Fluid	22 °C	100	100
Water/Glycol	87 °C	90	80

Application Method:

Surfaces should be dry, clean, and free of any contamination. Thread locker should be applied to the bolt in sufficient quantity to fill threads. **FAS-LOK 71** performs the best in thin bond gaps. This thread locker is specifically formulated to give controlled friction and torque/tension ratio during assembly.

Storage:

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 46 °F to 70 °F. Please do not return any unused material to its original container.

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