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## **FAS-LOK 62** **Anaerobic Thread Locking Compound**

**FAS-LOK 62** is a fast curing, high strength, anaerobic thread-locking compound for bonding and sealing threads and retaining of cylindrical parts.

**FAS-LOK 62** 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: Mil-S-46163 TYPE II Grade O
- Meets ASTM D5363 AN0331

### **Physical Properties:**

Composition:	Methacrylate Ester
Color:	Red
Viscosity:	3000-4000 cps at 5 °C
Specific Gravity:	1.05
Flash Point:	> 100°C
Solvent Content:	None
Shelf Life:	1 year

### **Curing Properties:**

Handling Cure Time:	5-10 minutes
Functional Cure Time:	1-2 hours
Full Cure Time:	12 hours
Temperature Range	-65 to 350°F
Locking Torque*	
--Break @ 72°F	185 in lbs.
--Prevailing @72°F	400 in lbs.

\* Per ASTM D5363 Specification.

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

Larger fasteners will increase surface area and breakaway torque.

**FasLok 62** meets ASTM D5363 AN0331 and Mil-S-46163 TYPE II Grade O

## **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. 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.

*The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. Heartland Adhesives, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Heartland Adhesives, Inc. products. Heartland Adhesives, Inc. specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.*