



Phone (866)463-2910 Email: sales@fastenersolutions.com

FAS-LOK 80 **Anaerobic Retaining Compound**

FAS-LOK 80 is a fast curing, high strength, anaerobic retaining compound for bonding and sealing threads, and retaining of cylindrical parts.

FAS-LOK 80 is highly resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals.

FAS-LOK 80 bonds bushings, bearings, and gears to shafts, creating a shim which seals the joint, prevents corrosion, and ultimately protects the shaft.

Physical Properties:

Composition:	Anaerobic Methacrylate
Color:	Green
Viscosity:	1500cps
Specific Gravity:	1.05
Flash Point:	> 100 F°
Solvent Content:	None
Shelf Life:	2 years @ 72°F

Curing Properties:

Handling Cure Time:	5 minutes
Functional Cure Time:	1-2 hours
Full Cure Time:	8-10 hours
Temperature Range	150°C

Compressive Shear Strength:
Steel pins and collars : 4,000 psi

Locking Torque*	
Breakaway	250-350 in lbs
Prevailing	250-350 in lbs.

* Per ASTM D5363 Specification.

Larger diameters will increase surface area and shear strength.

FAS-LOK 80 meets ASTM D5363 AN0421 and Mil-S-46082 Type III

Chemical Resistance:

Chemical	Temp.	% Initial Strength Retained	
		500 hours	1000 hours
Acetone	22 °C	100	90
Ethanol	22 °C	100	100
Motor Oil	87 °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. Fill the “inner space” with **FAS-LOK 80**.

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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