SAF-T-LOK®

Thread-Wicking S-90   *Technical Data Sheet*

GENERAL INFORMATION: *SAF-T-LOK* anaerobic adhesive/sealants are a specialized series of single component, solvent free compounds that are individually formulated for locking, sealing, retaining and bonding metal parts and assemblies.

Stable in the presence of air, these products cure when placed between two mating metal parts, forming a resilient, vibration-proof, polymer shim. *SAF-T-LOK* adhesive/sealants provide the user with additional performance characteristics, including resistance to corrosion or galvanic attack, as well as solvent resistance; while allowing disassembly with normal tools, if desired.

PRODUCT DESCRIPTION: *SAF-T-LOK S90* is a low viscosity anaerobic sealant designed especially for wicking applications. The low viscosity allows this product to penetrate porosities and cracks by capillary action, filling voids as large as .004 inch betweem fine thread assemblies or weld porosity. *SAF-T-LOK S90* will cure in 2 hours or when heated to 250°F for 10 minutes. If preferred, clean excess *S90* with an organic solvent such as *SAF-T-LOK SAFETY SOLVENT* after full cure.
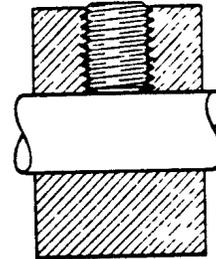
PRODUCT CHARACTERISTICS: (Liquid)

Color	**Green**
Specific Gravity	**1.07 gm/cc**
Viscosity	**20 cps**
Flash Point	**above 200°F**
Temperature Range	**-65°F - +350°F**
Fluorescence	**Visible**
Storage Stability	**+12 Mos. at <75°F**

PERFORMANCE CHARACTERISTICS: (Cured)

Locking Torque	
Breakaway	**100 in. lb.**
Prevailing	**200 in lb.**
Gap Filling	**.001 - .004**
Fixture Tight	**5-10 minutes**
Full Cure	**2 hours**
Shear Strength	**1500 psi**
Chemical Resistance	**Excellent**

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