

SAF-T-LOK[®]

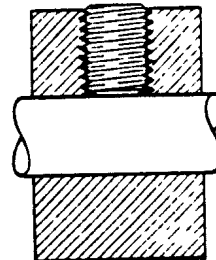
Thread-Wicking S-90

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 between 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

IMPORTANT NOTICE: All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. *SAF-T-LOK Corporation* is not responsible for loss, claim or damages resulting from use of its products.