

Core Plug Sealant

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, bonded seal. SAF-T-LOK adhesive/sealants provide the user with additional performance characteristics, including resistance to corrosion or galvanic attack, as well as solvent and specifically oil resistance.

PRODUCT DESCRIPTION: SAF-T-LOK Core / Cup Plug Sealant was developed for use where increased viscosity is needed to fill gaps and provide a leak proof seal. This product also provides very high retaining strength and finds application in joints between cup plugs and machined core holes in engine blocks and heads.

PHYSICAL PROPERTIES:	- Uncured -
Color	Blue
Specific Gravity	1.1 gm/cc
Viscosity(@ 12 rpm)	7500 cps
(@ 2rpm)	75000 cps
Flash Point	>200°F
Temperature Range	-65°F to 400°F
Storage Stability	+12 Months @ <75°F

PERFORMANCE CHARACTERISTICS:	- Cured -
Shear Strength : 24Hr.@70°F	>2000 psi.
Hot Strength : 2Hr.@190°F	>2000 psi.
Heat Aging 120Hr.@250°F	>2000 psi.
Gap Filling	.003 to .015 in.
Full Cure	8-24Hr
Chemical Resistance	Excellent
No Leaks with Solvents, Coolants or Oil tested per FLTM BV 6-1,72Hr.	

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