

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, this product lubricates the assembly of parts then cures between the 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 corrosive chemicals or galvanic attack between dissimilar metals, as well as solvent resistance; while allowing disassembly with normal tools, if required.

PRODUCT DESCRIPTION: **SAF-T-LOK PFS Purple** conforms to the surface imperfections and tool marks on flanged surfaces, thus allowing a metal-to-metal fit of the parts and eliminating the need to retorque compressible mechanical gaskets. This improves the sealing integrity of the joint. The rheology of SAF-T-LOK Polymeric Flange Sealant facilitates screening or pressure feed for robotic application. The relatively low bond strength permits convenient field disassembly. While uncured product is compatible with fuels, solvents, hydraulic fluids, and oils, cured joints are chemically resistant.

PRODUCT CHARACTERISTICS: (Paste)

Chemical Type	Methacrylate Ester
Color	Purple
Specific Gravity	1.05 gm/cc
Viscosity @ 25°C	
Brookfield RVF	1,200,000 cps
Spindle TF (0.3) rpm	
Flash Point	>250°F (>150°C)
Temperature Range	-54°F to +300°F (-18°C to 150°C)
Storage Stability	+ 12 Months at <75°F

PERFORMANCE CHARACTERISTICS: (Cured)

Locking Shear	800 psi (5.7Nm) ASTM 1002
Cure Speeds	
Without Primer	6 Hours, 10 mil gap
With Primer	30 Minutes
Gap Filling	.001 - .050 in.
Instant Sealing	2 psig, 10 mil gap
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.