

PRODUCT DESCRIPTION:

SAF-T-LOK R01 is a low strength locking and sealing grade, developed for key fits, splines, and similar applications, as well as removable applications. This product satisfies the requirements of MIL Spec. R46082 Type I as well as ASTM D5363 AN0411. **SAF-T-LOK R01** is designed to provide predictable assembly lubricity and results in the same torque tension relationship that would result from use of as-received fasteners. This product satisfies many application requirements where a low viscosity, high strength retainer is required. Selection of this product assures fluid sealing of parts as well as the most reliable high strength retaining performance.

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 parts where metal is present and oxygen is excluded. They form a resilient, vibration proof, polymer shim between the parts. **SAF-T-LOK** products provide the user with additional performance characteristics, including not only fluid sealing, but also resistance to corrosion and galvanic attack of the mated parts, as well as solvent resistance. Furthermore, after curing **SAF-T-LOK adhesives and sealants** allows parts to be disassembled with normal tools, if desired.

PHYSICAL PROPERTIES: (Uncured)

Color:	Green
Specific Gravity:	1.10 gm/cc
Viscosity:	100 to 500 cps
Flash Point:	>205°F
Temperature Range:	-65°F to 350°F
Storage Stability:	+12 months @ 75°F

PERFORMANCE CHARACTERISTICS:

Locking Torque Breakaway Torque (3/8 x 24, Grade 2, Steel) Prevail Torque (3/8 x 24, Grade 2, Steel)	250 to 550 in lb 300 to 550 in lb
Locking Shear:	3000 psi
Gap Filling:	.002 -.012 in
Fixture Tight:	30 minutes
Full Cure:	24 hours
Chemical Resistance:	Excellent

NOTE: This product is not recommended for use with pure oxygen systems.

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 International Corporation** is not responsible for loss, claim or damages resulting from use of its products.

TECHNICAL SUPPORT

Our technical support team stands ready to assist you with your technical questions regarding your SAF-T-LOK products. On-Site support when necessary within 24 hours.

Part Numbers

20102	1 ml
20121	10ml
20131	50ml
20141	250ml
20143	1 Liter

TURNKEY SOLUTIONS

As an ISO 9001:2015 certified company, SAF-T-LOK can design or refine products to fit your company's specific needs and requirements.

For more information on any of our products or services please visit us on the Web at:
www.saftlok.com