

PRODUCT DESCRIPTION:

SAF-T-LOK T42 is a medium 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. S46163 Type II Grade N as well as ASTM D5363 AN0321. **SAF-T-LOK T42** is a thixotropic formulation to reduce run-off, or reduce migration of product prior to assembly. It was also 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 medium strength is required. Selection of this product assures fluid sealing of parts as well as the most reliable medium threadlocking strength possible.

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 resistance to corrosion and galvanic attack of the mated parts, as well as solvent and chemical resistance. Furthermore, after curing **SAF-T-LOK T42** allows parts to be disassembled with normal tools, if desired.

PHYSICAL PROPERTIES:

Color:	Blue
Specific Gravity:	1.09 gm/cc
Viscosity:	
(lv, spindle 3, speed 6)	900 to 5000 cps
(lv, spindle 3, speed 12)	900 to 5000 cps
(rv, spindle 3, speed 20)	800 to 1600 cps
(rv, spindle 3, speed 2)	>5000 cps
Temperature Range:	-65°F to 350°F
Storage Stability:	+12 months at <75°F

PERFORMANCE CHARACTERISTICS:

Locking Torque Breakaway:	70 to 200 in lbs
Prevailing:	30 to 60 in lbs
Gap Filling:	.001-.010 in.
Full Cure:	24 hours

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

24202	1ml
24221	10ml
24231	50ml
24241	250ml
24243	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.saflok.com