

PRODUCT DESCRIPTION:

SAF-T-LOK R42 is a medium viscosity, high shear strength, retaining compound with performance capabilities to 350°F. It was specifically developed for mating cylindrical surfaces such as bushings, bearings, gears, hubs and pulleys onto shafts and splines; and to augment the strength of press fits. **SAF-T-LOK R42** will cure to full strength in 24 hours, but parts will fix tight in 10-30 minutes depending on gap. Even faster cure is obtainable with **SAF-T-LOK PRIMER**, or by heating to 200°F for 30 minutes.

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

PHYSICAL PROPERTIES: (Uncured)

Color:	Green
Specific Gravity:	1.10 gm/cc
Viscosity:	400 to 800 cps
Flash Point:	>205°F
Temperature Range:	-65°F to 350°F
Storage Stability:	+12 months @ 75°F

PERFORMANCE CHARACTERISTICS:

Locking Torque Breakaway Torque (3/8x24, Grade 2, Steel) Prevail Torque (3/8x24, Grade 2, Steel)	250 to 450 in lb 300 to 700 in lb
Locking Shear:	4000 psi
Gap Filling:	.002-.012 in
Fixture Tight:	30 minutes
Full Cure:	24 hours
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 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

64321	10ml
64331	50ml
64341	250ml
64343	1 liter

SPECIFICATIONS

Type II MIL-R-46082
ASTM D5363 AN0412

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