

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

21032	50ml
21042	250ml
21063	300ml

TURNKEY SOLUTIONS

As an ISO 9001:2015 certified company, SAF-T-LOK can design or refine products to fit your companies specific needs and requirements.

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

PRODUCT DESCRIPTION:

SAF-T-LOK Polymeric Flange Sealant 51 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. **SAF-T-LOK Polymeric Flange Sealant 51** facilitates screening or pressure feed for robotic application. **SAF-T-LOK Polymeric Flange Sealant 51** is designed for high strength threadlocking on coarse threads as well as for gasketing. The relatively high strength permits convenient field disassembly. Cured product is compatible with fuels, solvents, hydraulic fluids, and oils. Cured joints are chemically resistant.

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 between dissimilar metals, as well as solvent resistance, while allowing disassembly with normal tools, if required.

PHYSICAL PROPERTIES:

Color:	Pink
Specific Gravity:	1.09 gm/cc
Viscosity:	2,000,000 to 3,000,000 cps
Flash Point:	>250°F
Temperature Range:	-65°F to 350°F
Storage Stability:	12 months @ <75°F

PERFORMANCE CHARACTERISTICS:

Shear Strength: 24 hr @ 70°F	2500 psi
Hot Strength: 2hr @ 190°F	>90% of initial strength
Heat Aging: 120hr @ 250°F	>90% of initial strength
Gap Filling:	.001 to .050 in.
Full Cure:	8-24 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.