

Threadlocking Grade T20

Technical Data Sheet

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 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, as well as solvent resistance; while allowing disassembly with normal tools, if desired.

PRODUCT DESCRIPTION: *SAF-T-LOK Grades T20* was developed to meet MIL S46163 Type III Grade Q for use where specific viscosities are needed to fill gaps and moderate strength threadlocking is required.

PRODUCT CHARACTERISTICS: (Liquid)

Color	:	Blue
Specific Gravity	:	1.10 gm/cc
Viscosity	:	10 - 25 cps
Flash Point	:	>200° F
Temperature Range:	:	-65°F to +300°F
Fluorescence	:	Visible
Storage Stability	:	+12 months at <75°F

PERFORMANCE CHARACTERISTICS: (Cured)

Locking Torque	:	
Breakaway	:	20 - 100 in.lb
Prevailing	:	100 - 200 in.lb
Gap Filling	:	.001 - .002
Full Cure	:	8-24 Hours

Cure speed is dependant upon the gap to be filled. While MIL-S-46163 calls for cure in 24 Hrs. at 75°F, this product is generally cured at 8 Hrs. on the 3/8-16 UNC steel fasteners specified. This product fully satisfies the requirements of MIL-S-46163 .

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.