

SAF-T-LOK®

Retainer R20

Technical Data Sheet

Part# 22121, 22131, 22141, 22143

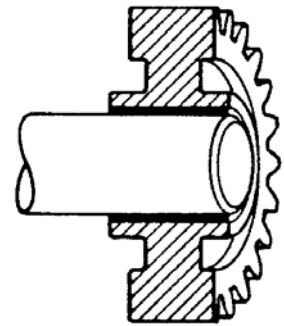
GENERAL INFORMATION:

SAF-T-LOK anaerobic adhesive/sealants are specialized, single component solvent free liquids and pastes, custom formulated to lock, seal, retain, and bond metal parts and assemblies.

Stable in the presence of air, these products solidify when placed between two mating metal parts forming resilient, vibration and leak resistant bonds and seals. **SAF-T-LOK** adhesive/sealants provide valuable performance characteristics including resistance to ordinary, as well as fretting corrosion, galvanic attack, and vibrational loosening over a wide temperature range, while still allowing disassembly with ordinary tools where desired.

PRODUCT DESCRIPTION:

SAF-T-LOK R20 is a high viscosity retaining compound with performance capabilities to 400°F. It was developed for bonding 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 R20** will cure to full strength in 8-24 hours, depending on configuration and clearances, but faster cure is obtainable with **SAF-T-LOK PRIMER**, or by heating to 250°F for 10-20 minutes.



BENEFITS:

REDUCES COSTS

Eliminates costly machining such as milling, threading, drilling, tapering, broaching, knurling, and reaming needed for mechanical locking systems; or, close tolerances and smooth finishes needed for press fits, by allowing the use of slip fits. Restores proper fit to worn assemblies, or assemblies out of tolerance.

IMPROVES RELIABILITY

Eliminates fretting corrosion and vibration induced loosening. Augments strength of press fits.

EASY AND SAFE TO USE

One part adhesive requires no measuring, mixing, or heating to solidify. No build-up on dispensing; wipes up conveniently for cleaning. Little or no odor for a safe and pleasant work place. Wide variety of application methods available to suit specific needs.

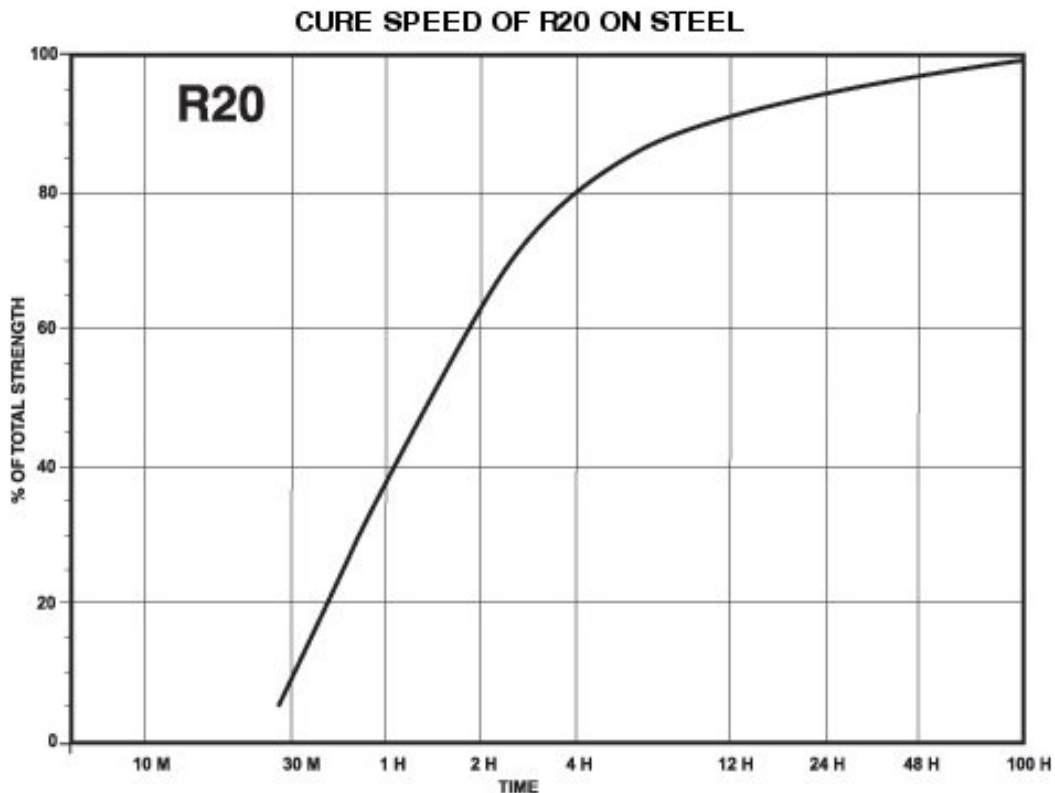
PHYSICAL CHARACTERISTICS:

UNCURED

Resin	Dimethacrylate
Color	Green
Viscosity	7000cps.
Specific Gravity	1.1
Flash Point	>250°F
Toxicity	Low
Corrosivity	None
Storage Stability	12 mo. @ <80°F

CURED

Shear Strength	3000psi	
Full Cure	8-24Hrs.	
Cure Speed	(See CURE SPEED plot)	
Temperature Range	-65°F to 400°F	Gap Filling
	0.002-0.015in.	
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.