

Red Hi-Temp Silicone Sealant

Technical Data Sheet

GENERAL INFORMATION : *SAF-T-LOK Silicone Sealants* offer high performance products designed for a broad variety of sealing and bonding requirements either in original equipment manufacturers' production or maintenance needs. *SAF-T-LOK Silicones* cure rapidly to a strong, durable, flexible rubber at room temperature and bond to a wide range of substrate materials including metals, glass, most plastics, fabric, wood, ceramics, etc. This formula fully complies with the requirements of all tests included in Interim Federal Specification TT-S-001543, TT-S-00230C, and MIL-A-46106A Amendment 2, Type 1.

PRODUCT DESCRIPTION: *SAF-T-LOK Red Hi-Temp Silicone Sealant* will withstand high temperatures up to 550°F during continuous operation and interim service to 650°F while remaining flexible at temperatures down to -65°F.

SAF-T-LOK Silicone Sealants are 100% solids and contain no extenders, thus shrinkage due to weathering is nil. *SAF-T-LOK Silicone Sealants* possess excellent resistance in U.V., ozone, smog, rain, snow, etc.

PHYSICAL PROPERTIES:

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| Composition | Silicone rubber |
| Specific Gravity at 77°F | 1.04 |
| Cure system | Moisture in air liberates acetic acid |
| Cure Time | Tack free 15 minutes Complete cure 24 hours (at 1/8" thick) |
| Shelf Life | 12 mo. when stored below 90°F |

PERFORMANCE CHARACTERISTICS:

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|------------------------------------|---------------------|------------------|
| Shore A Hardness | 32 | ASTM D240 |
| Tensile Strength | 350 min | ASTM D412 |
| Elongation at Break | 500 min | ASTM D412 |
| Recovery from Elongation | 100% | ASTM D412 |
| Operating Temperature Range | -65° - 650°F | |
| Service Period | 20 years | |

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 Corporation* is not responsible for loss, claim or damages resulting from use of its products.