

Non-Corrosive Silicone

Technical Data Sheet

PRODUCT DESCRIPTION: This new silicone sealant offers a high performance product designed for a broad variety of sealing and bonding requirements in original equipment manufacturing or for maintenance needs. *SAF-T-LOK 732 Low Odor Non-Corrosive Silicone* cures to a strong, durable, flexible rubber at room temperature and bonds to a wide range of substrate materials including metals, glass, most plastics, fabric, wood, ceramics, concrete, etc. This formula meets the requirements of the critical assembly industries by providing a non-volatile product that is non-corrosive to metals.

PHYSICAL PROPERTIES:

Composition	Silicone rubber
Consistency	Thixotropic paste
Specific Gravity at 77°F	1.04
Cure system	Moisture in air; oxime system
Tack Free	2 Hours
Shelf Life	12 mo. when store below 90°F

PERFORMANCE CHARACTERISTICS:

Shore A Hardness	25	ASTM D240
Tensile Strength	275 psi	ASTM D412
Elongation at Break	400%	ASTM D412
Recovery from Elongation	100%	ASTM D412
Operating Temperature Range	-45 - 450°F	
Corrosive Properties	Non Corrosive	

SERVICE TEMPERATURE: *SAF-T-LOK 732 Low Odor Non-Corrosive Silicone Sealant* remains flexible at temperatures down to -45°F and will withstand high temperatures up to 450°F during continuous operation with intermittent service to 500°F.

ELECTRICAL PROPERTIES: *732 Low Odor Non-Corrosive Silicone Rubber Sealant* has excellent insulation properties when applied to electrical connections, etc.

Dielectric strength	500 Volts/mil	ASTM-D 149
Dielectric constant	2.88 @ 100 Hz	ASTM-D 150
Dissipation factor	4.2 X 10 ⁻⁴ @100 Hz	ASTM-D 150
Volume Resistivity	3.6 X 10 ¹⁵ ohm-cm	ASTM-D 257

Because *SAF-T-LOK Silicone Sealants* are 100% solids and contain no extenders, shrinkage due to weathering is nil. Silicone sealants possess excellent resistance in U.V., ozone, smog, rain, snow, etc. Cured *732 Low Odor Non-Corrosive Silicone* has exceptional chemical resistance.

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.