

General Purpose Silicone Lube

Technical Data Sheet

GENERAL INFORMATION: *SAF-T-EZE General Purpose Silicone Lube* is a silicone fluid thickened with inert silica filler that exhibits superior di-electric properties as well as high temperature stability to as high as 450°F for intermittent use. This grease has been compounded to be non-melting, moisture resistant, and low volatile.

SAF-T-EZE General Purpose Silicone Lube is odorless and provides excellent oxidation and chemical resistance.

PHYSICAL PROPERTIES:

| | |
|----------------------|-------------------|
| Color | White Translucent |
| NLGI | 2 |
| Melt Point | None |
| Penetration @ 77 °F: | |
| Unworked | 250 |
| Specific Gravity | 1 |

ELECTRICAL PROPERTIES:

| | |
|---------------------------------|--------------------|
| Di-Electric Constant | |
| at 100 Hz | 2.90 |
| at 100 KHz | 2.90 |
| Dissipation Factor | |
| at 100 Hz | .0006 |
| at 100 KHz | .0006 |
| Di-Electric Strength, volts/mil | |
| 50 mil gap | 400 |
| Volume Resistivity, ohm-cm | |
| at 73°F (23°C) | 1x10 ¹⁵ |
| at 350°F (177°C) | 1x10 |
| Arc Resistance, seconds | 120 |

Primary uses include release and parting agent, electrical insulator and sealant, rubber and plastic lubricant or protective coating and valve lubricant.

This compound is not to be used with liquid oxygen or in applications requiring liquid oxygen compatibility.

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-EZE Div., STL Compound Corporation** is not responsible for loss, claim or damages resulting from use of its products.