



# PRODUCT DATA SHEET

Quality Products and Service Since 1964

## 2211 SILICONE COMPOUND

Heavy consistency lubricant / sealant for high-vacuum or geophysical grade applications.

### PRODUCT DESCRIPTION:

Lub-O-Seal 2211 Silicone compound is heavy consistency, grease-like material containing a polydimethyl silicone fluid and thickened with an inert silica filler. It has excellent dielectric properties, is highly water repellent, resistant to oxidation, and essentially non-toxic and non-melting. Lub-O-Seal 2211 will not dry out in service and will retain its consistency at temperatures ranging from -40 to +500 F (-40 to +260 C). It is non-corrosive, odorless, resistant to a variety of chemicals, and works well in lubricating most plastic and rubber components.

### SPECIFICATIONS:

Penetration (Worked 60x) .....	250
Service Temperature .....	-40 to +500 F
Melting Point .....	None
Specific Gravity .....	1.03
Bleed (200 C / 24 Hrs) .....	0.16
Evaporation (200 C / 24 Hrs) .....	1.7
Dielectric Strength (50 mil) .....	700
Dielectric Constant (1 kHz) .....	2.9
Volume Resistivity (ohm-cm) .....	1x10 <sup>13</sup> (13) min
Dissipation Factor .....	0.0025

### RESTRICTIONS:

This product should NOT be used in oxygen service or applications requiring oxygen compatibility.

### WARRANTY INFORMATION - PLEASE READ CAREFULLY

Lub-O-Seal Company, Inc. believes that the information in this publication is an accurate description of the typical characteristics and/or uses of the product, but it is your responsibility to thoroughly test the product in your specific application in order to determine its performance, efficacy and safety. Lub-O-Seal specifically disclaims any other expressed or implied warranty, including warranties of merchantability and of fitness for a particular use. Your exclusive remedy and Lub-O-Seals sole liability for breach of warranty is limited to the refund of the purchase price or the replacement of the product shown to be other as warranted, and Lub-O-Seal expressly disclaims any liability for incidental or consequential damages.

### CHEMICAL RESISTANCE:

Lub-O-Seal 2211 is not greatly affected by mineral or vegetable oils, is generally resistant to dilute acids and alkaline, and to most aqueous solutions. Because each application may vary in chemical composition, pressure, flow velocity, lubrication frequency and equipment design, it is recommended that the silicone be tested before adopting for regular use.

### FOR USE ON:

Lub-O-Seal 2211 Silicone compound can be used in a variety of applications requiring high sealing ability, high moisture resistance or high dielectric properties. It can be used on equipment requiring temperatures or mechanical stability.

- Sealant for high vacuum and pressure systems
- Seal & protect underground cables & connectors
- Lubricate, seal and protect downhole equipment.
- Lubricate o-rings, gaskets, packings and seals.
- Barrier coating in mildly corrosive environments
- Protective coating for electronic ignition systems
- Lubricate rubber & plastic-to-metal assemblies

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