



PRODUCT DATA SHEET

Quality Products and Service Since 1964

4 SILICONE COMPOUND

Dielectric silicone lubricant and sealant.

PRODUCT DESCRIPTION:

Lub-O-Seal 4 Silicone is a silica-thickened, polydimethyl silicone compound designed to meet the requirements of MIL-PRF-8660 (Mil-S-8660C). It has excellent dielectric properties, is highly water repellent, resistant to oxidation, essentially non-toxic and non-melting. Lub-O-Seal 4 is easily spreadable, will not dry out in service and will retain its consistency at temperatures ranging from -40 to +400 F (-40 to +204 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)	310 max
Service Temperature	-40 to +400 F
Melting Point	None
Specific Gravity	1.03
Bleed (200 C / 24 Hrs)	8.0
Evaporation (200 C / 24 Hrs)	2.0
Dielectric Strength (50 mil)	500
Dielectric Constant (1 kHz)	2.9
Volume Resistivity (ohm-cm)	1x10 (14) min
Dissipation Factor	0.0025

CHEMICAL RESISTANCE:

Lub-O-Seal 4 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 4 Silicone compound can be used in a variety of applications requiring high moisture resistance, high dielectric, lubricity, and release or sealing properties. It can be used on equipment requiring temperatures or mechanical stability.

- Insulate and moisture proof ignition systems and spark plugs connections in aircraft, automotive and marine applications.
- Lubricate o-rings, gaskets, seals and packings.
- Barrier coating in mildly corrosive environments
- Lubricate rubber & plastic-to-metal assemblies.
- Seal and protect cables, connectors, switches, battery terminals, junctions & rubber door seals.
- Protective coating for electronic ignition systems.

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.

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