

# Lubriplate® V-61

NSF Certified 61, Silicone Faucet Valve Lubricant



## Advanced Silicone Grease For Faucets, Valves, O-Rings and Other Applications.



Lubriplate V-61 is a special silicone grease lubricant designed to lubricate rubber and plastic O-rings (non-silicone type), faucet valves and other plumbing applications. It is NSF 61 Registered and is extremely resistant to a wide range of chemicals, dilute acids, alkalines and most aqueous solutions. It is highly resistant to water washout.

**Silicone-Based** High Performance - Highly Resistant to Water and a Wide Range of Chemicals.

**NSF 61 Certified** Provides Safe, Non-Toxic Lubrication for Drinking Water Components.

**FDA Compliance** With Regulation 21 CFR 178.3570 for Lubricants with Incidental Food Contact.

### Available Packaging / Part Number

- CASE 12 / 5.3 oz (150g) Plastic Tube ..... L0217-084
- CASE 10 / 14.1 oz (400g) Cartridges ..... L0217-010
- CASE 4 / 8 lb (3.6 kg) Plastic Tubs ..... L0217-008

## Lubriplate® Lubricants

Newark, NJ 07105 / Toledo, OH 43605  
1-800-733-4755 / E-Mail: [LubeXpert@lubriplate.com](mailto:LubeXpert@lubriplate.com)  
To visit us on Facebook, Twitter or LinkedIn, go to [www.lubriplate.com](http://www.lubriplate.com) and click on the desired icon.



NSF Certified Standard 61 For Drinking Water System Components



# Lubriplate® V-61

## NSF Certified 61, Silicone Faucet Valve Lubricant



### LUBRIPLATE V-61 FEATURES

- Resistant to a wide range of chemicals; generally resistant to mineral and vegetable oils, air, dilute acids, alkalines, most aqueous solutions and moisture
- Serviceable consistency from -40° to 204°C (-40 to 400°F)
- Practically nonvolatile
- Odorless
- Resistant to a variety of organic and inorganic chemicals
- Excellent rubber lubrication
- Excellent release and sealing properties
- Resistant to oxidation

### COMPOSITION

- Silicone oil
- Inorganic thickener
- Various additives

### APPLICATIONS

- Lubricant for rubber and plastic O-rings (Non-silicone type)
- Lubricant for water softener and faucet valves
- Mold release where high temperature molds stick to dies and plates.

### CERTIFICATION

- Classified ANSI/NSF Standard 61
- FDA 21 CFR 178.3570 Lubricants for Incidental Food Contact
- Meets the requirement for WRAS



**LUBRIPLATE V-61** Silicone Lubricant is designed for the plumbing industry. The primary application is to lubricate the snap ring and O-rings in faucets. It possesses excellent water washout properties that keeps the material in place, and prevents the O-Rings from drying out, cracking and becoming brittle. It is certified and listed NSF for Standard 61, the new requirement for the plumbing industry.

### TYPICAL PROPERTIES

Property	Test Method	Typical Value	Range
Color	-	White to Translucent	-
Specific Gravity	CTM	1.03 g/cm <sup>3</sup>	-
Bleed (200°C /24hrs)	CTM	0.03%	< 2%
Evaporation, (200°C/24hrs)	CTM	0.07%	< 2%
Penetration, mm/10	ASTM D 217	255	200 - 300
Service Temperature Range	-	-40° to 204°C	-

CTM: Corporate Test Method, copies of CTMs are available on request.

### STORAGE

LUBRIPLATE V-61 should be stored at or below 77°F to maintain a maximum shelf life of 60 months from date of manufacture.

### HOW TO USE

Can be applied manually to clean, dry substrates using conventional grease application methods, including brush, grease gun, or automatic dispensing.

### LIMITATIONS

LUBRIPLATE V-61 should not be applied to any surface to be painted or finished. Coatings may not adhere to the silicone-treated surfaces. If contaminated by a silicone coating, parts can be wiped or washed with solvent or detergent. Should not be applied to O-rings or other components made of silicone rubber because it can deteriorate the silicone rubber. Will also slightly swell natural butyl rubbers. Any rubber should be tested for excessive swell or shrink. Not intended for use with liquid oxygen or other strong oxidizing chemicals and should not be used in applications requiring LOX compatibility. This product is not tested, nor approved for medical or pharmaceutical uses.

**Please be advised that our product LUBRIPLATE V-61 is not compatible with oxygen (O<sub>2</sub>) and should not be recommended for any application where there is a possibility of this product coming in contact with any form of oxygen (both liquid and gas).**

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