

**DATA SHEET**

# **SUPER o'ring LUBRICATION SILICONE GREASE**

<b>TEST</b>	<b>TEST METHOD</b>	<b>RESULT</b>
Color		Translucent White
Temperature Range		-40°F to 500°F
Penetration, unworked Worked 60 maximum	ASTM D217	280
Bleed, 24 hrs/200°C (392°F) Percent maximum	CTM 0033A	3%
Melting point		no melt
Specific gravity @ 25°C (77°F) FDA Recognition, 21 CFR 175.3000	ASTM D1298 1.05	yes
U.S.D.A. / NSF Registered		H1
Dielectric strength, volts/mil, 50 mil gap	CTM 0114	400
Volume Resistivity, ohm-cm @ 23°C (73°F)		1X 10 <sup>15</sup>

## **Super o'ring Lubrication Silicone Grease**

**Silicone Grease** is an NLGI#2 grease in combination with selected dimethylpolysiloxane silicone based fluids thickened with an inert silica filler and enhanced with polytetrafluoroethylene for extra lubricity.

**Silicone Grease** has excellent dielectric properties, highly water repellent, and resistant to oxidation.

**Silicone Grease** is non-toxic and non-melting

**Silicone Grease** is resistant to a wide range of chemicals and is an excellent lubricant for rubber and plastic components.

### **Benefits:**

Rubber compatibility means it can be used on rubber O-rings, seals and other rubber components without fear of adverse reaction.

High dielectric strength for Radio Frequency (RF) shielding and electrical insulation

Radiation resistant for radiation applications such as microwaves and sterilizers.

Withstands temperature extremes of -40°F to +500°F

Water repellent

Low toxicity

Oxidation resistant

### **Applications:**

Anti-stick sealant for transformer gaskets and equipment enclosures

Plastic thread lubricant (plastic gears)

Damping medium for dash pots in electrical and electronic equipment (spark plug boots, HEI ignition, sensors)

Sealing and lubricating in vacuum/pressure systems, chemical processing equipment and brass valves (lubricates brake booster seals)