



SG-ONE™ SILICONE GREASE WITH PTFE

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Product Description

SG-ONE™ Silicone Grease is 100% pure polydimethylsiloxane silicone grease and is infused with additional PTFE to enhance lubrication and slip. It is offered in two consistencies, light grease and a heavy grease to meet a variety of needs. It is a non-melting grease with temperature resistance up 400°F (204°C) and 500°F intermittent.

SG-ONE™ Silicone Grease does not swell rubber like other petroleum based products making it an ideal lubricant for o-rings and lubricating other rubber parts. The silicone grease will aid in keeping the parts in place during assembly making for a smooth installation. Plumbers rely on SG-ONE for applications ranging from faucet o-rings, to shut off valve stems and lubricating drain fittings during assembly.

SG-ONE™ Silicone Grease is used in many automotive and transportation applications. Silicone Grease is one of the best solutions for Brake Caliper rubber bushings, and caliper slides, and the outside of rubber brake lines to help prevent them from cracking. Silicone Grease is also very useful for lubricating chassis bushings and other rubber automotive components. Silicone Grease is also very useful in automotive ignition systems and many mechanics will apply a thin film of silicone grease to spark plug boots to help seal out moisture for optimum performance. Silicone Grease helps to waterproof electrical components such as plug together electrical connections, trailer light harnesses and battery terminal protection. Silicone Grease is also useful for treating weather stripping and helps to prevent doors from freezing together in winter

Electrician's use Silicone greases because of its excellent dielectric properties and operates over a wide temperature range. SG-ONE is excellent for waterproofing plug together connections and for coating light bulb bases. Our **SG-ONE™ Silicone grease** fully complies with all RoHS requirements so you can use it with confidence.

Industrial applications include all the ones listed above plus any application which requires a high degree of water resistance and slip, wide range of temperature tolerances such as oven or furnace doors and hinges, electrical components, vacuum equipment and Fork lift truck electrical connections. Silicone greases also features a very broad resistance to most Industrial chemicals and is highly resistant to alkali and caustic chemicals.

Marine applications are an obvious choice for SG-ONE™ because of its waterproofing qualities, UV resistance, ozone and oxygen resistance.

SG-ONE™ is also a Food Grade Lubricant and is Registered with NSF as is Classified as an H-1 for Incidental food contact application. This high purity also makes it FDA and USDA compliant.

GHS information

GHS Panel
Classified as Non-Hazardous under
HazCom 2012(OSHA GHS)
Read SDS for additional information

| Property | SG-ONE™ Light | SG-ONE™ Heavy |
|------------------------|-------------------------------|------------------------------|
| Color | Translucent | Translucent |
| NLGI # | 1 | 2.5 |
| Penetration, 1/10 mm | 300-340 | 260-300 |
| Melting Point | None | None |
| Dropping Point | None | None |
| Specific Gravity | 1.1 | 1.1 |
| Evaporation, ASTM 2595 | 1.1 | 0.9 |
| Bleed | <1.0% | <1.0% |
| Operating Range | -70F to 400F (-56 to 204C) | -40 to 450F (-40 to 232C) |
| Dielectric Strength | 450v/mil | 450v/mil |
| Dielectric Constant | 2.75 | 2.75 |
| RoHS 3 | Compliant | Compliant |
| Shelf Life | 5 yr * | 5 yr * |

*Shelf Life may be longer under optimal storage conditions

Features and Benefits

- Meets FDS, USDA guidelines and NSF H-1 Registered 135305&135306
- Marine Formula • Waterproof Grease
- Dielectric Grease • Food Grade Grease
- Impervious to most chemicals

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

Light Consistency

Size: 3oz tube, 8oz tube, 14oz cart, 5lb pail
P/N: 24303 24308 24314 24305

Heavy Consistency

Size: 3oz tube, 8oz tube, 14oz cart, 5lb pail
P/N: 24703 24708 24714 24705