



Silgrease H1

- high-quality silicone resin grease, meets the USDA H1 standard according to the FDA guidelines
- has very good lubricating, protective and rust-preventing characteristics
- very good acid-proof and 100% water-resistant
- does not sag
- odourless and non-toxic



GENERAL INFO

SILGREASE H1 is a universal silicone grease that meets the USDA H1 standard according to the guidelines 21 CFR 178.3570 of the FDA (Food and Drug Administration).

SILGREASE H1 is completely water-resistant, anti-corrosive, colourless, non-toxic and neutral.

SILGREASE H1 does not sag or harden.

SILGREASE H1 is resistant to sulphur dioxide, diluted acids and alkaline solutions.

SILGREASE H1 is resistant to radiations and is electrically insulating, even in moist circumstances.

TECHNICAL INFO

Carrier	: silicone oil
Condition	: stable paste
Colour	: white to transparent clear
Odour	: odourless
Temperature resistance	: -40°C to +220°C
Melting point	: 190°C
Flash point	: 320°C
Specific weight, 20°C	: 1 g/cm
NLGI	: class 4
Ageing process	: evaporation at 200°C after 30 hours < 2.5% efflorescence at 200°C after 30 hours < 1.5%
Shelf life	: 12 months
Safety measures	: please consult the MSDS (material safety data sheet)

INSTRUCTIONS FOR USE

- Can be applied directly from the tube.
- Can be used as well as a thin film or as a filler.
- Does not drip or sag.

PACKAGING

Plastic tube 100g	Article number 201111000
Abbreviation	SLG H1

APPLICATIONS

INDUSTRY

- waterproof sealing of electronic systems and motors
- lubricant for plastics
- treatment of high-voltage insulators, insulators and switches
- to pull cables in pvc-tubes
- dismantler or anti-adhesive for rubber sealings
- lubricant for guidance mechanisms
- lubrication of most guiding, rotating and moving parts in the food industry
- protection for rubber sealings
- mounting grease for O-rings and rubber joints
- through its temperature resistance it will not flow away or leave any stains
- ideal protection during soldering work, it prevents burning of the insulating sheath of electrical conductors and protects electronic components
- prevents carbon deposition of discharges
- for the protection and treatment of all multiplugs, which are sensitive to oxidation, liquids and temperature
- for the greasing, protection and waterproofing of relays and switches, ...
- seal grease => simple assembly; applicable for all seals in contact with hot and cold water
- can not saponify
- suitable for lubrications and protection with transport of food products

AUTOMOTIVE

- door rubbers and boot rubbers: keeps these hollow rubbers soft and flexible, so that they keep closing well and don't leak or squeak
- lubricates and protects conductors and joint points of window mechanisms and motor parts, because these are very sensitive to water and corrosion
- helps avoid rubber hoses from drying out
- prevents sticking and freezing of sunroof rubbers
- due to its temperature resistance it will not flow away or stain interior lining
- for the wind- and waterproof assembly of rear lights, aerials, screwed boot spoilers; makes these seals more flexible. Disassembly is easy and the excess grease is easily removable with SAFETY CLEAN
- does not attack car paint and is an ideal protection for welding works from, for example, thresholds, door pins, wings and electrical wiring
- simplifies assembly of dust caps
- also the assembly of suspension rubbers for exhausts is simple now and SILGREASE prevents creaking and squeaking
- simplifies the assembly of tyres and keeps the bead soft and flexible; prevents possible leakages
- prevents carbon deposition of discharges
- aids the assembly of tubes of cooling-water systems
- ideal for the oiling of mileage indicator cables and its mechanisms
- no damage to the bodywork because it does not contain any volatile or spreadable silicones
- makes plugs from trailers fully waterproof and makes assembly and disassembly very easy
- for the treatment of the following components against the penetration of liquid, oxidation and flash-overs of high-voltage impulses: sparking plug cables, distributors, engine and interior mechanism, ignition coil, PCB's, ignition module
- for the protection and treatment of all multiplugs, which are sensitive to oxidation, liquids and temperature, like converters, stationary control valve, sensors of throttle, valve and air quantity meters, fuses,...
- for the greasing, protection and waterproofing of relays and switches,...
- as an assembly grease for the module on the distributor: protects it against high temperatures
- seal grease: simple assembly; applicable for all seals in contact with hot and cold water
- can not saponify
- suitable for lubrications and protection with transport of food products

IMPORTANT:

- Silgrease H1 can easily be removed with Novatio Safety Clean.***
- Silgrease H1 has no adverse effects on metals and most plastics.***
- Silgrease H1 has a long life span.***

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Silgrease H1

USDA H1

We hereby confirm that all of the ingredients in the above-mentioned product comply with guidelines 21 CFR 1783570 issued by the FDA (Food and Drug Administration) (USDA H1) for occasional contact with foodstuffs and the German pharmacopoeia (Deutschen Arzneibuch: DAB) in the current valid version.

We also confirm that no misgivings exist concerning the use of the lubricant Silgrease H1 in the food industry. According to Paragraph 31 of the Food and Consumer Requisites law (Lebensmittel und Bedarfsgegenstaende Gesetz: LMBG) of 9.9.97 it is forbidden to use consumer requisites in a way that allows substances from these to transfer to foodstuffs or their surfaces, apart from portions that are harmless in terms of health, odour and taste and that are technically unavoidable. A transfer of lubricants to food during the intended and assumed use of the lubricant must, if at all, essentially occur solely by the technically unavoidable amount.

This possible, unavoidable amount can be viewed as a harmless portion in terms of health, odour and taste due to the composition of the lubricant Silgrease. As a result there are no misgivings from our side about the use of the lubricant in the food industry.