

Silicone Grease



NSF Reg. No. 127 772
Category Code: H1

Bardahl Silicone Grease is a multifunctional paste based on silicone. This thickened silicone grease provides excellent electrical insulation, can be used as a filler and has a unique solution, sliding, and lubrication properties. **Bardahl Silicone Grease** is suitable for long-term lubrication due to its high resistance to chemicals (including acids), ozone, oxygen, water, oil, and other fats.

The temperature range is between -50°C and + and can withstand temperatures up to -70°C and + for a short time. 200°C/35°C

Bardahl Silicone Grease is non-toxic and can be applied without problem in the food, pharmaceutical, and cosmetic industries. Bardahl has therefore had this silicone grease provided with the **NSF food certificate**.
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Advantages

- Extremely water-repellent. Due to the low surface tension, it can be distributed very well over the surface.
- Low viscosity/temperature differences.
- High resistance to oxygen, ozone, heat, acids, and alkalis.
- Excellent dielectric property, which differs little with different temperatures.

Applications

- Electrical insulation: Protection of insulators and electrical installations, housings, joints, ignition mechanisms, and rubber sealing rings against moisture and conductive substances.
- Solvent: plastics, rubber, and foundries.
- Sliding properties: thread. Slate lanes, valves, and taps.

Manual

The surface on which **Silicone Grease** is applied must be carefully dedusted, cleaned, and degreased. Then provide the surface with a thin layer of **Silicone Grease** (. This layer must be at least 2 to thick for application to insulators. One mm3 mm**Silicone Grease** may be diluted with aromatic solvents.

Analysis data

Test		Results
Class – Food grade	Unit	Silicone Grease
Colour:		transparent
NLGI:	Grade	1-2
Density at 20°C	g/ml	1.031
Penetration (ASTM D 217) :		265
Penetration after 24 hrs		250
Crawl at 200°C for 24 hours	%	<0.5
Vaporization during 24 hours	%	3
Diëlektrical	VK/mm	20
Diëlektrical		2.5
Distribution factor		3.10 ³



Article number 73901
Content 100 gr

Article number 73905
Content 500 gr

Article number 73955
Content 5 kg

Article number 73985
Content 50 kg