



Silicone Grease

Bardahl Silicone Grease is a multi-functional paste, based on a silicone oil and inert fillers, for use in high temperature applications. It is suitable for long term lubrication because of its high resistance to chemicals (including acid), ozone, oxygen, water, oil and other greases. **Bardahl Silicone Grease** can be used as an excellent electrical insulator or filling compound. It is suitable for the lubrication of low speed bearings and sliding mechanisms. It will not affect either rubber or plastic. The operational temperature range is from -50°C to +200°C with peaks of 225°C for short periods. **Bardahl Silicone Grease** is absolutely non-poisonous and can be used in the food packaging industry.

Advantages

- Outstanding water-repellency: due to its very low surface tension, which also ensures excellent wetting of the surfaces and perfect spreading.
- Low viscosity/ temperature variation
- High chemical aging resistance (to oxygen, ozone and heat)
- Chemically inert towards materials on which the paste is applied
- Excellent dielectric properties, little affected by temperature

Applications

1. Anti-seizing: Treaded parts, slides, guide-bars, cocks
2. Electrical insulation: Protection of insulators and electrical equipment (housings, connectors, ignition-circuits) against damp (water-repellent effect) and conductive dust (engulfing)
3. Anti-adherence and mould-release: Plastics, rubbers, foundry

Directions for use

Surfaces to be treated with **Bardahl Silicone Grease** should be carefully dusted, cleaned and degreased. It should be applied in a thin coat of 1 mm. For the protection of insulators the paste must be applied in a thick coat of 2-3 mm.

Analytical-data

Color	:off white, translucent
Specific gravity at 20°C	:1.031
Penetration (ASTM D217)	:265
Penetration after 24 hrs.	:250
Creep in 24 hrs. at 200°C, %	:<0.5
Evaporation, 24 hrs. at 200°C, %	:<3
Dielectric strength, kV/mm	:20
Dielectric constant at 1 kHz, approx.	:2.5
Dissipation factor at 1 kHz, approx.	:3.10 ²



Product information

Article number 73901
Contents 100 gr

Article number 73905
Contents 500 gr