

SILICON GREASE-100

DESCRIPTION

SILICON GREASE-100 is non-melting heavy consistency grease specially designed with nontoxic materials, offers good resistance to solvents, no harm for plastics or rubbers, good adhesive sealant, non-melting. Suitable for lubrication in valves used in chemical industries and hot and cold-water lines. This grease excellent thermal stability, Water repellency, Dielectric application chemical inertness and maintains its consistency over a wide temperature range. It has exceptional sealing ability which makes this grease ideal for vacuum & pressure system handling equipment's. In addition, this grease is useful as lubricants for plastic, Rubber to Plastic & Rubber to Metal assemblies. Also, it is used as releasing agent in epoxy, Polyester, PVC & Polystyrene moldings.

APPLICATIONS

- Recommended for applications where continuous high temperatures or intermittent very high temperatures are experienced. The maximum usable temperature for Hi-Temp Grease for extended service of Wide operating temperature range: -40°C to 260°C (-58 to 384 °F).
- It is recommended for versatile application for plastic, Rubber to Plastic & Rubber to Metal assemblies. Also, it is used as releasing agent in epoxy, Polyester, PVC & Polystyrene moldings, O- Rings, packing's and rubber assemblies
- It can also be used in ambient temperature applications such as roll neck bearings where high resistance to water washing is needed.

ADVANTAGES & BENEFITS

- This grease excellent thermal stability, Water repellency, Dielectric application chemical inertness and maintains its consistency over a wide temperature range.
- It has exceptional sealing ability which makes this grease ideal for vacuum & pressure system handling equipment's.

PROPERTIES

NLGI GRADE	2
Color	Translucent White
Base Oil Type	SILICONE
Bleed, % 24 hrs. @200°C	0.5
Viscosity @25°C	180
Drop Point	Does not drop
Worked Penetration	220
Operating Range °C	-40°C to 260°C (-58 to 384 °F)
Evaporation, % loss 24 hrs. @200°C	2
4-Ball Weld Load in kgs	250

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