

Hi-Tech SILICONE GREASE 100/350

Multipurpose Silicone Grease - Non Melting

Introduction

Generation Four Engitech Ltd., Hi-Tech Solution is 12 years old company standing at second largest company as Importing / Manufacturing and selling of specialized thermic fluid in India. We have our network all over INDIA and also having sales & service points at many countries registered under SAFTA . We serve friendly services to our more than 6000 customers with our world class products. We have a huge list of branded customers with few from India's fortune 500 companies.

Description

Hi-Tech Silicone Grease 100/350 is a multipurpose silicone grease having special heat resistant ingredients and additive. It has low volatility, suitable for wide operating temperature range from -50 to 250 °C. It also has high insulating, water-repellent properties, good thermal conductivity, excellent separation/sliding properties and It's also provide reasonable mechanical lubricant. It can be use in slightly acidic or slightly alkaline areas.

The technical properties the grease meet the requirements of **DEF STAN 68-69**



Technical Properties

Characteristics \ Series	Hi-Tech Silicone Grease 100	Hi-Tech Silicone Grease 350
Colour	Translucent White	Translucent White
Density @ 20 °C, g/cm ³	0.967	0.972
Working Temperature Range, °C	-50 to 250	-50 to 250
Dielectric Strength, KV/mm	21	21
Drop Point, °C	Does not Drop	Does not Drop
Bleed, % 24 Hr @ 200 °C	0.5	0.4

Advantages

- Working temperature range is between -50°C to 250°C.
- Non-melting silicone grease lubricant.
- Acting as waterproof or air tight seal.
- It is non-toxic.
- Cold and hot water resistant.
- Protect against corrosion.
- Life time lubrication.
- Safe on most plastics.
- High dielectric strength.

Note: A Thinner consistency of Silicon Grease can be achieved by dispersing in solvent such as xylene, mineral spirits and methyl ethyl ketone as per Customer's requirement & application.

Application

- Air or vacuum sealant for lab and industries.
- Electrical insulating compound to seal and lubricant for various equipments such as cable connectors, battery terminals, switches etc.
- Bearings which operates under high thermal stresses like paint curing ovens, hot air blower fan bearings in textile, plastics, wood and food industries.
- Stream-heated cylinder and drying cylinder bearing with normal relubrication intervals in paper, textile and plastic industries.
- Lubricate plastic and polythene water pipes, rubber washers and other fluid pipework during assembly.
- Moisture proof seal for aircraft, automotive and marine ignition systems.
- Releasing agent in epoxy, polyester, PVC mouldings.

