

# Technical Data

## FOODLUBE® Hi-Temp 2

Food grade, high temperature, silicone grease



Nonfood Compounds  
Program Listed: H1  
ISO 21469 Certified

### Description

ROCOL® FOODLUBE Hi-Temp 2 white, semi-translucent, non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes operating at high temperatures in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp 2 is a silicone grease that is ideal for slow moving bearings and slides. It has a high resistance to water wash off and attack from acids and alkalis such as fruit juices and caustic cleaners commonly found in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp 2 is ideal for the assembly and lubrication of most types of plastic and rubber (not silicone rubber).

### Applications

- Seals
- Slow moving bearings
- Slides
- Plastic components

### Approvals / Specifications

- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- Manufactured from only FDA listed ingredients:
  - FDA Group 21 CFR 178.3570
- NSF H1 registered – 122065
- ISO 21469
- Halal certified
- Kosher certified
- Vegan Society Approved
- Rocol unique TPM number – 15

### Features & Benefits

- Offers an excellent wide temperature resistance of -20°C to +200°C
- DETEX - Cartridge has metal detectable plastic components (end caps) capable of detection by most metal detection equipment.
- Highly resistant to water wash off and offers excellent corrosion protection.
- Excellent oxidation stability resulting in extended relubrication intervals and a reduction in lubricant usage.
- Good anti wear properties protecting components from wear and failure
- Resistant to acids and alkalis
- Reduces friction
- Ideal for use on plastics and rubbers (not silicone)

### Directions For Use

FOODLUBE Hi-Temp 2 can be applied manually, by grease gun, keg pump or by other methods suitable for an NLGI No. 2 silicone grease.

PLEASE NOTE: Silicone grease require a silicone grease gun which can be sourced from your local Rocol distributor.

For best results it is recommended that Foodlube Hi Temp 2 should not be mixed with any other lubricant and components are clean prior to applying the grease.

The storage temperature should be controlled between +1°C and +40°C.

Shelf life is 3 years from date of manufacture.

### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who will be happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

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Property	Test Method	Result
Appearance	Visual	White, semi-translucent grease
NLGI No.	IP 50 – ASTM D217	2
Base Type	N/A	Silicone
Base Fluid Viscosity at 40°C	IP 71 – ASTM D445	700cSt
Base Fluid Viscosity at 100°C	IP 71 – ASTM D445	300cSt
Thickener	N/A	Silica
Temperature Range	N/A	-20°C to +200°C
4-Ball Weld Load	IP 239 – ASTM D2596	180kg
4-Ball Wear Load Index	IP 239 – ASTM D2596	25.5kg
Water Washout Test	IP 215 – ASTM D1264	<2%
Drop Point	IP 132 – ASTM D566	None

*Values quoted above are typical and do not constitute a specification.*

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