

FOODLUBE® Hi-Temp 2

Food grade, high temperature, silicone grease



Nonfood Compounds
H1 Registered
ISO 21469 Certified
NSF 537 PFAS-Free Certified

Applications

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).

Approvals and Certifications

- NSF H1 registered - 122065
- ISO 21469
- NSF 537 -PFAS Free
- Halal certified
- Kosher certified
- Vegan Society Certified
- ROCOL unique TPM number - 15
- Manufactured from only FDA listed ingredients: FDA Group 21 CFR 178.3570
- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.

Storage Guidance

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

Shelf life is 3 years from date of manufacture.

Features and 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)

Usage Guidance

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 requires 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.

Pack Sizes

Part Code	Pack Size
15251	380 g
15256	4 kg
15254	18 kg

T +44 (0) 113 232 2600

E customer.service@rocol.com

www.rocol.com

ROCOL A Division of ITW Limited

ROCOL House, Swillington, Leeds, LS26 8BS, UK

VAT Number: 742053167

Registered Company No: 00559693

Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN



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Parameter	Test Method	Value
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	700 cSt
Base fluid viscosity at 100 °C	IP 71 - ASTM D445	300 cSt
Thickener	N/A	Silica
Temperature range	N/A	-20 °C to +200 °C
4-Ball weld load	IP 239 - ASTM D2596	180 kg
4-Ball wear load index	IP 239 - ASTM D2596	25.5 kg
Water washout test	IP 215 - ASTM D1264	< 2%
Drop point	IP 132 - ASTM D566	None

Safety Datasheets

These are available at <https://www.rocol.com/datasheets>. For further assistance, please contact us via the ROCOL website or using the details below.

Note

The information in this Technical Datasheet is informed by our experience and feedback from industry. There are many variables outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Values quoted are typical and do not constitute a specification.

If you'd like to discuss the suitability of any ROCOL solution for your system, please get in touch.

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