

Klüberbeta VR 67-3500

Special soft grease for sanitary, beverage and heating valves and taps



Benefits for your application

- **Prolonged service life of cartridges, valves and fittings due to**
 - continuous wetting of the friction surfaces
 - compatibility with most standard elastomers and plastics
 - friction and wear reduction in most material combinations
- **Prevents stick-slip and provides balanced damping of operation**
 - temperature has little effect on lubricating film thickness
- **Certified for use in drinking water and beverage taps**
 - according to BWGL-KTW (UBA-guideline) (German Environmental Agency), NSF/ANSI/CAN 61, WRAS, ACS, AS 4020
 - further certification available on request
- **NSF H1 registered supporting process reliability**

Description

Klüberbeta VR 67-3500 is a soft white adhesive silicone grease. The particular consistency and the use of special silicone oils ensure reliable operation over a wide temperature range for sanitary, beverage and heating valves and taps.

Klüberbeta VR 67-3500 is NSF H1 registered and therefore complies with FDA 21 CFR § 178.3570. The lubricant was developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of Klüberbeta VR 67-3500 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

Klüberbeta VR 67-3500 is suitable for drinking water and beverage taps as well as in heating installations whenever complex friction geometries require a fluid grease distribution.

Typical applications include the lubrication of ceramic discs, e.g. in single lever mixer taps, piston mixers, shower valves, thermostats, and similar components.

Klüberbeta VR 67-3500 generally provides load-bearing lubricating films up to 2.5 N/mm² under normal operating conditions in the industry. Depending on the design, this value can also be exceeded.

Due to its consistency, Klüberbeta VR 67-3500 is particularly suitable as assembly lubricant for seals, O rings and seal packings.

It also reduces friction and wear in other components like plastic taps, packings and laboratory equipment.

Application notes

Klüberbeta VR 67-3500 is neutral towards most metals, thermoplastics and elastomers. Owing to the many different elastomer and plastic compositions their compatibility should be checked prior to series applications. Klüberbeta VR 67-3500 can be applied by means of spatula, brush, usual metering devices or the tampon printing method. Please observe the material safety data sheet.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klüberbeta VR 67-3500
Can 1 kg	+
Bucket 25 kg	+



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Product data	Klüüberbeta VR 67-3500
Article number	022224
NSF-H1 registration	144 018
Colour space	white
Chemical composition, type of oil	silicone oil
Chemical composition, solid lubricant	PTFE
Lower service temperature	-40 °C / -40 °F
Upper service temperature	140 °C / 284 °F
Density at 20 °C	approx. 1.05 g/cm ³
NLGI grade, DIN 51818	00
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	17 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	25 000 mPas
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

Klüüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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