

UNISILKON L 200

Special lubricating grease for tap water and heating fittings



Benefits for your application

- Good sealing effect
- High thermal stability
- High resistance to many aqueous solutions
- Neutral towards many plastics and elastomers, e.g. ABS, PC, EPDM, NBR
- Excellent resistance to cold and hot water, water steam
- Certified acc. to DVGW-KTW and WRC

Description

UNISILKON L 200 is a special lubricating grease based on silicone oil and PTFE. The product meets the legislative provisions of the German Health Authority governing the use of plastics and drinking water (DVGW-KTW). It is also approved by WRC (Water Research Centre), Great Britain.

water, water steam up to approx. 130°C. UNISILKON L 200 is not resistant to most organic solvents such as strong acids and alkaline solutions.

Application

UNISILKON L 200 is used for the lubrication of various components and materials in sanitary fittings like single-lever mixer taps, thermostatic mixer taps, shower switches, shower heads, swivel spouts. It 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. Examples of materials in sliding contact: metal/plastic, plastic/plastic, ceramic/ceramic, ceramic/plastic. UNISILKON L 200 is resistant to cold and hot

Application notes

UNISILKON L 200 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	UNISILKON L 200
Can 750 g	+
Bucket 25 kg	+

Product data	UNISILKON L 200
Article number	022101
Chemical composition, solid lubricant	PTFE
Chemical composition, type of oil	silicone oil
Lower service temperature	-40 °C / -40 °F
Upper service temperature	160 °C / 320 °F
Colour space	white
Texture	long-fibred
Texture	homogeneous
Density at 20 °C	approx. 1.40 g/cm ³



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Product data	UNISILKON L 200
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	220 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	250 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	20 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	35 000 mPas
Drop point, DIN ISO 2176	> 250 °C
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 0 - 90
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Klüber 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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