

UNISILKON F GLK 112

Special lubricating grease for Bowden cables, seals and plastics



Your benefits at a glance

- Longer component life due to
 - good compatibility with elastomers and plastics
 - excellent wetting of functional surfaces
- Wide service temperature range and
 - low breakaway torques at low temperatures
 - reliable function also at high temperatures

Your requirements - our solution

Bowden cables in cars have to operate smoothly and noiseless at any temperature in summer and winter time.

UNISILKON F GLK 112 optimally contributes to complying with this requirement as it ensures smooth operation of components at low temperatures and very good stability at high temperatures. The lubricant is based on carefully composed silicone oil, special lithium soap and solid lubricants which enable a low breakaway torque.

UNISILKON F GLK 112 also stands out for its compatibility with many elastomers (but not silicone rubber) and plastics.

Application

UNISILKON F GLK 112 is primarily used for the lubrication of rubber-metal, plastic-metal or plastic-plastic friction pairings.

Possible applications are in slideways, seals (also EPDM), Bowden cables and belt tensioners. In such applications, UNISILKON F GLK

112 reduces friction, thus preventing annoying squeaking noise.

Application notes

UNISILKON F GLK 112 is neutral towards most metals, thermoplastics and elastomers. Owing to the many different compositions of elastomer and plastic materials, we recommend checking their compatibility prior to series application. UNISILKON F GLK 112 can be applied by means of spatula, brush, usual metering devices or the tampon printing method. In this context, please also refer to our Safety Data Sheet.

To attain optimum adhesion, we recommend cleaning the friction points prior to application and remove in particular any oil or grease.

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 F GLK 112
Can 1 kg	+
Bucket 25 kg	+

Characteristics	UNISILKON F GLK 112
Article number	022245
Composition, solid lubricant	PTFE

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Characteristics	UNISILKON F GLK 112
Composition, thickener	lithium complex soap
Composition, type of oil	silicone oil
Colour space	white
Texture	homogeneous
Density, Klüber method: PN 024, 20°C	approx. 1.04 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	290 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	310 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	3000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	7000 mPas
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C
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 90 years.

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