

UNISILKON GLK 112

Special grease for Bowden cables, seals and plastics

Benefits for your application

- Good low-temperature characteristics and wide service temperature range
 - Good compatibility with elastomers and plastics
 - Good wetting of functional surfaces
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Description

UNISILKON GLK 112 ensures smooth running of components at low temperatures and is at the same time resistant to high temperatures. It is based on silicone oil and a special lithium soap. The product is compatible with many different elastomers (but not silicone rubber) and plastics*.

Approval VW TL 767 X.

* Owing to the many compositions of elastomers and plastics, compatibility with such materials should be tested prior to series application.

Application

UNISILKON 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

In such applications, UNISILKON GLK 112 reduces friction, prevents squeaking noises and forms a protective layer against atmospheric attack on rubber and plastics.

UNISILKON GLK 112 can be used in many components where lifetime lubrication is required.

Application notes

The lubricant is applied by spatula, brush or grease gun. Owing to the many compositions of elastomers and plastics, compatibility with such materials should be tested prior to series application. To attain optimum adhesion, we recommend cleaning the friction points prior to application and remove in particular any oil or grease.

Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

1 kg can
25 kg bucket
50 kg bucket
180 kg drum

Material safety data sheets

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



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Product data	UNISILKON GLK 112
Color	white
Density at 20 °C, [g/cm ³]	0.96
Service temperature range*, [°C], approx.	- 50 to +180
Drop point, DIN ISO 2176, [°C]	≥ 220
Worked penetration, DIN ISO 2137, at 25 °C, [0.1 mm]	265 - 295
Flow pressure, DIN 51805 at -50°C, [mbar]	≤ 1400
Oil separation, FTMS 791 C-321 after 30 h at 150 °C, [% by wt.]	≤ 3
Apparent dynamic viscosity, viscosity grade**	L / M
Water resistance, DIN 51807 pt. 1, 3h/90 °C, rating level	1 - 90

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** Klüber viscosity grades: EL = extra light lubricating grease; L = light lubricating grease; M = medium lubricating grease; S = heavy lubricating grease; ES = extra heavy lubricating grease

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