

SYNTHESO PRO AA 2, PRO AA 4

Special grease for the lubrication of rubber-elastic seals and plastics



Description

SYNTHESO PRO AA 2 and SYNTHESO PRO AA 4 are special greases based on polyalkylene glycol and silicate for the lubrication of rubber-elastic seals, e.g. EPDM.

Application

Owing to their good resistance to hot water, SYNTHESO PRO AA 2 and AA 4 are particularly suitable for the following applications:

- gaskets in autoclaves
- seals in high-temperature dyeing installations
- control valves, spindles, and their sealing materials.

Application notes

SYNTHESO PRO AA greases can be applied by the usual lubrication systems, e.g. spatula, grease gun, brush. The components should be clean and dry prior to initial or relubrication.

Behavior towards elastomers and plastics:
Owing to the many different elastomer and plastics compositions we recommend checking their compatibility on the complete component prior to series application.

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

SYNTHESO PRO AA 2

1 kg can
25 kg bucket
100 x 25 g tube

Product data

SYNTHESO	PRO AA 2	PRO AA 4
Base oil	polyalkylene glycol	polyalkylene glycol
Thickener	silicate	silicate
Color	beige	beige
Service temperature range* [°C], approx.	-25 to 150	-15 to 150
Worked penetration, DIN ISO 2137, at 25 °C; [0.1mm]	265 – 295	175 – 205
Kinematic viscosity of the base oil, DIN 51562 pt. 1, 40 °C [mm ² /s], approx.	360	360
Kinematic viscosity of the base oil, DIN 51562 pt. 1, 100 °C [mm ² /s], approx.	57	57
Water resistance, DIN 51807 pt. 1, 3h/90 °C [rating]	1 – 90	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 mechanical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

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- Good resistance to hot and cold water
- Neutral towards many rubber-elastic materials, e.g. EPDM

SYNTHESO PRO AA 4

25 kg bucket

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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