

# SF10 perma food grade grease

Lubricating grease for the food and pharmaceutical processing industry

## Description

perma SF10 was especially developed for the food processing and pharmaceutical industry.

This lubricant fulfills the requirements of the German law governing food products and associated ancillaries and complies with the "guidelines of sec. 21 CFR 178.3570 of FDA regulations". It has been authorized by the NSF for use in federally inspected meat and poultry plants (NSF-H1).

perma SF10 shows good anti-wear properties, water resistance and corrosion protection as well as a high ageing and oxidation stability.

## Application

Used for machines and equipment in the food-processing and pharmaceutical industry, particularly for lubrication points that may have incidental and technically unavoidable contact with the food product. However, we recommend using perma SF10 at all lubrication points, in order to avoid problems due to lubricant contamination.

This special grease lubricates rolling and sliding bearings, lifting cylinders, joints, guide bars, cams, etc.

## Source of supply

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## Application notes

Before substituting other greases with perma SF10, the bearings have to be cleaned and greased. If the greases are miscible, the grease can be exchanged by means of relubrication.

## Minimum shelf life

The minimum shelf life is approx. 12 months if the product is stored in its unopened original container in a dry place.

## Pack size

perma Lubrication Systems  
400 g - cartridges on request  
(for pre-lubrication with manual grease gun)

## perma SF10

- Synthetic
- Good stability when working at low temperature allowing the grease to still provide good wear protection
- Can be used in automatic lubrication systems
- Good water resistance
- High ageing and oxidation stability
- Good corrosion protection
- NSF-H1 registration

## Product data

Base oil	PAO
Thickener	aluminium-complex
Base oil viscosity, DIN 51652, at 40°C, mm <sup>2</sup> /s	150
Colour	beige
Texture	homogeneous
Density, DIN 51757, at 20 °C, g/cm <sup>3</sup> , approx.	0.92
Drop point, DIN ISO 2176, °C	> 220
Worked penetration at 25 °C, DIN ISO 2137; 0.1 mm, approx.	310 - 340
Speed factor, (n x d <sub>m</sub> ), approx.	3 x 10 <sup>5</sup>
Consistency, NLGI grade, DIN 51818	1
Service temperature range, °C	- 45 to 120
Flow pressure, DIN 51805, at - 45 °C, mbar	< 1400