Product Information

TUNGREASE ST-3

Fully synthetic H1 silicone grease for long-term lubrication of fittings made from plastic, metal and ceramic as well as seals made from e.g. NBR, EPDM or FKM

Benefits

- ✔ Good resistance to various media such as water, water vapour or disinfectant and cleaning agents.
- ✔ Good compatibility with common plastics and elastomers
- ✔ Enables a long service life and lifetime lubrication

Properties

- ✔ Very good resistance to cold and warm water
- ✔ Very good sealing effect
- ✔ Certified in accordance with DVGW-KTW, ACS, WRAS and ISO 21469 and Kosher and Halal certified
- ✔ NSF H1 registered and NSF 61 capable

Application area

- ✔ Fitting and sealing grease specially developed for the food, beverage and pharmaceutical industries
- ✔ For lubricating ceramic sealing washers and moving parts in the fittings and service water industries, such as single-hand mixer taps, thermostat valves, shower switches and heads, swivel heads etc.
- ✔ Especially well suited for lubricating the following material pairs: plastic/plastic, plastic/metal, plastic/ceramic, ceramic/ceramic

Instructions

In accordance with technological standards for lubricating greases.
We recommend cleaning the surfaces to be lubricated beforehand with a suitable cleaner (TUNCLEAN 895, FDB or EL) and leaving to dry.
If the product is to be used in the food processing industry:
Only the minimum quantity technically necessary may be used.
If the product is used as a corrosion-protection film for surfaces in contact with food, it must be completely removed before the device in question is used again.

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE ST-3	0 ml	25 kg	26.6 kg	11ACF13087E0250	1 PCS

NSF Nonfood Compounds Program Listed H1 144 998

The information provided here is based on our general technical experience and knowledge related to printing. All specifications are guidelines based on product design, the specified use and mechanical and systems engineering. But the information does not represent any pledge about features or any assurance about the product's suitability for use in a particular case. The user is not released from the responsibility of testing the product.
Depending on the mechanical, dynamic, chemical and thermal stresses to which they are subjected, lubricants alter their technical values on a pressure- and time-dependent basis. The changes can have an impact on the function in the application.
TUNAP products are continuously refined. We reserve the right to change all technical data in this document at any time and without any prior notification. Obligations of any kind are in no way implied.

Product Information

Technical Product Data	TUNGREASE ST-3
Density/conditions	1.2 g/cm³ / at 20°C
Colour spectrum	White
Oil basis	Silicone oil
Thickener	Organic
Base oil viscosity, kinematic/conditions	750 mm²/s / at 40°C
NLGI grade/conditions	3 / with DIN 51818
Oil separation after 168h at 40°C/conditions	≤ 1,5 % / nach DIN 51817
Behaviour in the presence of water/conditions	0-90 / in accordance with DIN 51807-1
Rating copper corrosion/conditions	1-100 / after 24h at 100°C, nach DIN 51811
Temperature of flow pressure blow smaller1400 mbar/conditions	-40 °C / in accordance with DIN 51805-2
Min./max. temperature conditions	-50 to 180 °C

The information provided here is based on our general technical experience and knowledge related to printing. All specifications are guidelines based on product design, the specified use and mechanical and systems engineering. But the information does not represent any pledge about features or any assurance about the product's suitability for use in a particular case. The user is not released from the responsibility of testing the product.
Depending on the mechanical, dynamic, chemical and thermal stresses to which they are subjected, lubricants alter their technical values on a pressure- and time-dependent basis. The changes can have an impact on the function in the application.
TUNAP products are continuously refined. We reserve the right to change all technical data in this document at any time and without any prior notification. Obligations of any kind are in no way implied.