

# Product Information

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## CASSIDA GREASE MD 2

**Specialty silicone grease for taps, valves and fittings for food and beverage processing equipment**

### Performance Features

- Outstanding resistance to washout with cold and hot water, steam, disinfectant solutions and organic solvents
- Good adhesive properties
- Neutral odour and taste
- Does not affect beer foam stability
- Excellent rubber and elastomer compatibility including EPDM seals
- Free of mineral oil components



Valves, taps  
and fittings



Partner  
Programme



NSF registered

### Certifications and Specifications

- NSF H1
- Kosher
- Halal
- WRAS (UK Water Regulations Advisory Scheme Ltd.)

### Description

CASSIDA GREASE MD 2 is a high performance silicone lubricant specially developed for the grease lubrication and sealing of tapes, valves and fittings with EPDM seals (ethylene-propylene-diene rubber) in the food and beverage processing and packaging industry, with good resistance to hot water, steam and disinfectant solutions. It is based on a very stable synthetic thickener and base fluids chosen for their ability to meet the stringent requirements of the

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food and beverage industry. Registered by NSF (Class H1) for use where there is potential for incidental food contact. Produced according to FLT Quality Standards, in facilities where HACCP audit and Good Manufacturing Practice have been implemented and form part of the quality and hygiene management systems ISO 9001 and ISO 21469.

## Applications

- Lubricant and sealing grease for taps, valves and fittings with EPDM (ethylene-propylene-diene rubber) seals
- Recommended for the lubrication of all sorts of taps, flow meters and fittings used for the handling of water, drinks and beer, including drum filling inflow valves
- Generally applicable for tap cock or spindle valves and for rubber seals such as sleeves, membranes, O-rings seals and lip seals
- Recommended for use in sterilisers
- Not recommended for use in high speed bearings or in heavily loaded machinery

## General Instructions

CASSIDA GREASE MD 2 is not compatible with other greases. All equipment must be carefully cleaned before applying CASSIDA GREASE MD 2.

## Seal and Paint Compatibility

Compatible with EPDM and other elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

## Handling and Storage

All food grade lubricants should be stored separately from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0 °C and +40 °C. Provided that the product has been stored under these conditions we recommend that the product be used within 3 years from the date of manufacture. Upon opening a pack, the product must be used within 2 year (or within 3 years of date of manufacture, whichever is the sooner).

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## Technical Data: CASSIDA GREASE MD 2

Characteristics	Value	Unit	Test Method
NSF Reg. No.	144806		
WRAS Approval, Reg. No.	1503523		
Color	White		
Structure	Paste		
NLGI grade	2 - 3		DIN 51818
Type of thickener	PTFE		
Worked penetration [+25 °C]	255 - 275	1/10 mm	ISO 2137
Kin. Visc. (base oil) at +40 °C	650	mm <sup>2</sup> /s	ISO 3104
Kin. Visc. (base oil) at +100 °C	250	mm <sup>2</sup> /s	ISO 3104
Dropping point	None	° C	IP 396
Operating temperatures	-40 bis +200	° C	LV0124
short-term peak	+250	° C	
Classification DIN	KP SI 2/3 P-40		DIN 51502
Classification ISO	L-XDEHA 2/3		ISO 6743-9

LV = Laboratory Specification

Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.

FUCHS LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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