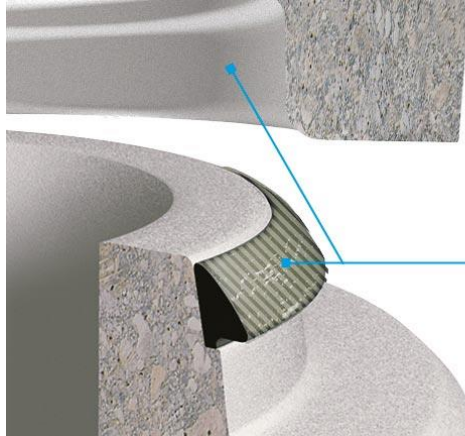


DENSO®-Gleitmittel (Lubricant)



Product Information



Anti Friction Compound

Special Advantages:



Usable in cold, hot and wet weather.
Application temperature range
-10 °C to +50 °C (+14 °F to +122 °F).



Optimum lubrication even on rough surfaces.



Environmentally friendly,
biodegradable.



Material compatibility with rubber
seals in accordance with DIN EN 681-1.

DENSO®-Gleitmittel is a semi-solid compound for use on mechanical seals in concrete pipes and manhole components.

For a century now, DENSO Group Germany represents experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany establishes and guarantees the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Product Description

The **DENSO®-Gleitmittel** product formulation includes both organic materials and inorganic fillers. By applying the lubricant to rubber seals and concrete surfaces, such as is required in sewer

construction, the excellent material consistency and shear strength gives customers a simple way to interlock spigot and socket while protecting components,

which is usable even on rough concrete surfaces.

Since the organic components are biodegradable, there is also a high degree of environmental compatibility provided.

Important Information for Practical Use

In accordance with DIN EN 1610, a suitable lubricant for installation, compatible with components and seals, is to be supplied by the pipe and manhole manufacturer. The lubricant which DENSO has developed is the result of decades of research and

practical experience.

Thanks to its special composition, **DENSO®-Gleitmittel** is designed to exactly meet the requirements for laying concrete and steel-reinforced concrete pipes.

Due to its biodegradability, the lubricant has no negative impact on the service life of the seal, as demanded by DIN EN 681-1, section 4.1.1..

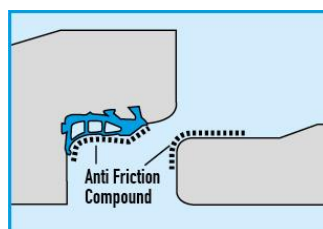
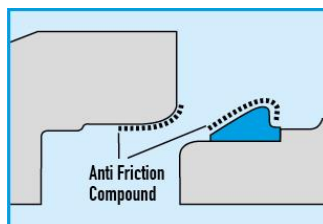
Product Application: Laying of Pipes

DENSO®-Gleitmittel is applied to the concrete sliding surface in the sleeve

or on the spigot. We recommend wearing gloves while doing so.

Additional greasing of the concrete on the sealing ring is not normally required; it does help minimize the installation force, however.

DN	with 1 kg of lubricant, the following can be laid (approx. values)
300	12 pipes
400	9 pipes
500	7 pipes
600	5 pipes
700	5 pipes
800	4 pipes
900	4 pipes
1000	3 pipes
1200	3 pipes

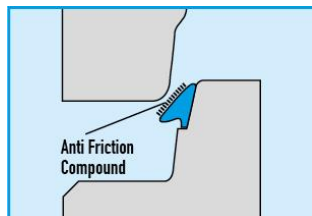


Product Application: Placement of Manhole Rings

DENSO®-Gleitmittel is applied to the inside of the manhole sleeve (integrated shaft seal), covering it well. We recommend wearing gloves while doing so.

Additional greasing of the concrete on the spigot end is not normally required; it does help minimize the installation force, however.

DN	with 1 kg of lubricant, the following can be laid (approx. values)
1000	7 manhole rings
1200	3 manhole rings
1500	2 manhole rings



Storage and Ordering Information

Store DENSO®-Gleitmittel in a dry and frost-free location.

material can be kept for at least 5 years from the date of manufacture under the specified storage conditions.

Small amounts of liquid which form on the surface do not affect the quality and can easily be mixed in again.

Stored inside (in a building not exposed to the elements) in the original container, the

Product name	Pack volume	Order number	Packaging units
DENSO®-Gleitmittel	5.0 kg	101 17 625	90 packs per pallet (450 kg)
DENSO®-Gleitmittel	3.0 kg	100 75 082	144 packs per pallet (432 kg)

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