

PRODUCT DATA SHEET DS LUBRICANT



DS Lubricant has been developed specially for DS slide seal rings used with pipes and manhole components made of concrete.

- DS Lubricant can be applied in all weather conditions from -10 °C to 50 °C. Frost or heat do not affect the workability of the material. It can even be applied to a wet pipe.
- Consistency and shear strength of DS Lubricant have been designed to give an optimum in sliding performance even on rough concrete surfaces.
- Dilution of the DS Lubricant due to easier processing is not permissible, as this will change the sliding and adhesive properties. The warranty does not apply in the event of defects.

SPECIAL ADVANTAGES

- Can be used when hot or cold and during rain.
- Achieves an optimal sliding performance also when used on rough concrete surfaces.
- Environmentally friendly.

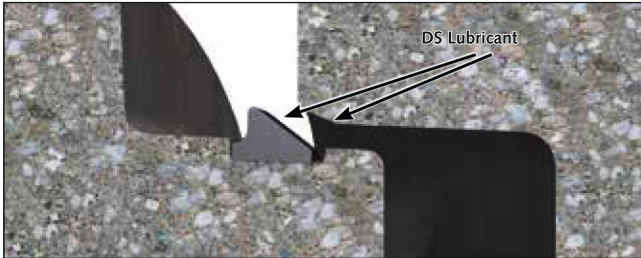
MATERIAL

DS Lubricant consists of an organic basic material and of inert inorganic fillers. DS Lubricant has no polluting effect and the organic components are biologically degradable.

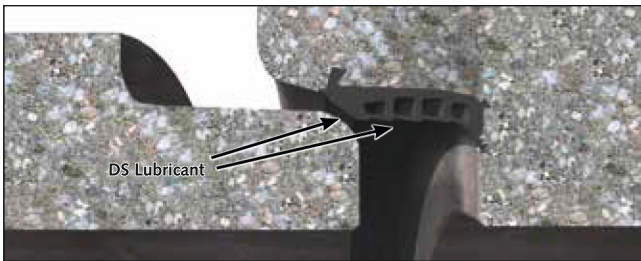
The seal compatibility is constantly monitored.

LAYING OF PIPES

- Apply DS lubricant thoroughly to the sliding area of the concrete socket (slide seal ring GRS) or to the spigot end (integrated seal) – preferably using a glove.
- An additional application of the DS lubricant to the seal is not absolutely required, but this helps to reduce the mounting forces. For special cases (double wedge profiles) please see the separate assembly instructions.



Example:
slide seal in front of shoulder of spigot end

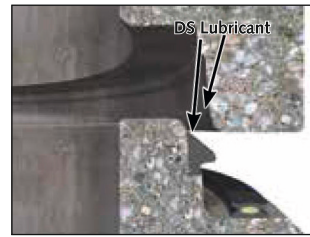


Example:
integrated pipe seal

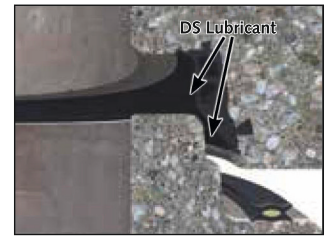
REQUIREMENTS FOR LAYING PIPE

DN	with 5 kg DS lubricant approx. the following number can be laid:
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

MOVING OF MANHOLE COMPONENTS



Example:
lose manhole seal



Example:
integrated manhole seal

- Apply DS lubricant thoroughly to the inner area of the manhole socket (slide seal ring DS SG) or to the spigot end (integrated seal DS BS 2000) – preferably using a glove.
- An additional application of the lubricant to the seal is not absolutely required, but this helps to reduce the mounting forces.

REQUIREMENTS FOR THE MOVING OF MANHOLES

DN	with 5kg DS Lubricant B05 ca. the following number can be moved:
1000	7 Manhole rings
1200	3 Manhole rings
1500	2 Manhole rings

IMPORTANT NOTE ON THE USE

According to DIN EN 1610 the pipe and manhole section manufacturer must also supply the necessary lubricant which has to be compatible with the component and the sealing system.

DS Lubricant is the result of many years of research and practical experience. Through a special composition DS Lubricant is exactly designed to the requirements of the laying of pipes made of concrete or reinforced concrete. Besides the advantage of optimal sliding procedure, DS Lubricant is biological degradable.

As required in DIN EN 681-1 under point 4.1.1 it has no negative effect on the life of the seal.

Please understand that we will only guarantee for our seal material if the seals are used with DS lubricant.

FBS quality is only guaranteed by a lubricant approved by the seal manufacturer.

Values and properties shown in diagrams and tables are not subject to any guarantees. Our warranty is limited to the values and properties as required by the relevant standards. Our literature, data sheets and recommendations represent our knowledge at the time of printing but are in no way legally binding on us. Our "General Conditions of Sale" apply to all sales.