

MC-Montan Support MB S1

Main bearing sealing grease for TBM tunnelling machines.

PRODUCT FEATURES:

- Excellent lubricating properties and pumpability.
- Excellent sliding properties.
- Good adhesion to metal surfaces.

AREAS OF APPLICATION:

- Lubricating grease for the EXCLUDER system of the main bearing (TBM).

APPLICATION:

- MC-Montan Support MB S1 effectively protects the main bearing against the ingress of soil, water or dust. MC-Montan Support MB S1 is specially designed to seal the main bearing against water pressure and soil grease.
- MC-Montan Support MB S1 has been successfully tested at Merkel Freudenberg for compatibility with NBR B248 sealing material.
- The TBM supplier specifies the target consumption for the Excluder grease. This specification must be strictly observed.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	kg/dm ³	Approx. 1.15	
Consistency		235 - 275	ISO 2137
4-ball wear	mm	< 0.9	DIN 52350:5
Water washout @ 38°C	%	< 5	ASTM D4049

All data stated are laboratory data.

PRODUCT INFORMATION:

Colour	Black
Appearance	Paste
Factory quality control	According to DIN EN ISO 9001
Packaging	230 kg or 60 kg drum
Storage	Avoid direct sunlight and frost! Can be stored in the original unopened container for at least 6 months.

NOTE: The information contained in this document is based on our experience and is accurate to the best of our knowledge. However, it is not legally binding. The information may be adapted to specific requirements, individual applications and, in particular, local regulations. Our data are based on generally accepted technical rules, which must be observed during application. We are responsible for the accuracy of this data within the scope of the stated standards and subject to our terms and conditions of sale, delivery and service provision.

Recommendations provided by our employees that differ from the information stated in our technical data sheets are only binding if provided in writing. Generally accepted technical rules must always be observed.

Issued: 01/2024. Technical changes have been made to this edition. Previous editions are no longer valid and must not be used.