

## GLOBALSEAL TBM/T

### Main Bearing Sealing Grease for Tunnel Boring Machines

#### INTRODUCTION

GLOBALSEAL TBM/T is a sealant that can be used in tunnels dug with full-section mechanical cutter, specially developed to resist against mud, water and dust.

GLOBALSEAL TBM/T has excellent adherence even on wet surfaces and excellent water wash out resistance (< 6%), it is stable at considerable pressure. It has high lubricating power so it can be used on all rotary parts at the cutter head.

It is a pumpable product and easy to apply.

GLOBALSEAL TBM/T should be stored in original, unopened container and at temperatures not higher than 40°C and not lower than 5 °C.

If during the transportation (i.e. in winter time), the product gets frozen, it must be stored at 15-20 °C for 24 hours before using, the same for transportation at temperature higher than 40°C.

In winter time, we suggest transportation inside insulated containers.

GLOBALSEAL TBM/T is not hazardous, it's partially biodegradable, non-toxic; it poses no threat to worker safety. However, it is recommended that all normal precaution be taken when handling the product, such as the use of eye protection and gloves.

#### TECHNICAL PROPERTIES

(at +25°C and 60% R.H.)

Odour	: slight odour
Colour	: black
Appearance	: fibrous
Density	: 1.2 ±0.050 [g/cm <sup>3</sup> ]
Consistency	: 250-275
Flash point (ASTM D 92)	: > 190°C.
Pumping properties	: 40-50 [gr/min]
Volatility	: < 2%
Water wash out test	: < 6%
Adherence test	: > 35 minutes
Shelf life	: 1 year, stored in their original tightly closed containers

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*NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information*

### PACKING



GLOBALSEAL-TBM/T is available in 180 kg drums