

Productsheet

Electric heated bitumen tank

Meeberg is specialized in electric heating tracing systems suitable for safe and reliable temperature retention (bitumen) tanks.

Trans Heat SFM cable as electrical heating solution to maintain a tank container to 180-210°C.



Meeberg ISO Tanks & Containers

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- ISO tank containers (chemical & food)
- Bitumen tank containers
- Box/shipping dry van containers
- Rebuild (modified) open top containers
- Depot tank & containers services
- ISO tank modifications & repairs
- Logistics services
- Tank Sales & Leasing

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Please find details below for Trans Heat SFM cable as electrical heating solution to maintain a tank container to 180°C - 210°C +/- 5°C.

We have engineered a low power density on the cable.

This has the advantage that the heat is very well distributed on the surface, preventing overheating of the product.

The tank container will be covered for 80% with Trans Heat cable, including the heads. The tank container has no steam pipes.

The Trans Heat cable SFM is a Teflon PTFE insulated heating wire with braid and PTFE outer jacket.

The Transheat cable will be secured to the container with self-adhesive Aluminium tape.

The Trans Heat cable sections are:

- Section 1 : 9.000W - 3x440V (this may varied)
- Section 2 : 9.000W - 3x440V400

The power supply is 3x380-440V.

For each section the tank shell temperature will be regulated by a Pt100 and an electronic controller.

Also for each tank section with cable, the surface temperature of the cable will be limited by a Pt100 and electronic controller.

The system will be executed with 8 x Pt100, 4 connected and in use, 4 as spare parts.

Customer parameters:

- Voltage: 3 x 380-440V
- No discharge valve heating
- Insulation: 50-100mm Rockwool
- Tank container volume 26-31 Cbm
- Maintain temperature 180°C - 210°C +/- 5°C.
- Including installation: Moerdijk Nederland
- Product: bitumen
- No ATEX

