



TF SBG BLACK 3 10W/4M 40W

Self-limiting heating Cable - frost protection water pipes w/plug

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|---------------|---------------|
| Art.no | 1011216 |
| GTIN | 7071236019299 |

TF SBG Black 3 is a food-approved (drinking water-approved) self-limiting heating cable for frost protection of water pipes. The heating cable can be laid on the outside or inside of water pipes. The cable is PVC-free and UV-resistant.

PRODUCT FEATURES

- Supplied with plug
- Water pipes
- Wells
- For frost protection of water pipes
- Cottage / holiday home / outbuilding / warehouse / housing

PRODUCT DATA

| | |
|--|---------------------------------------|
| Voltage | 230VAC 50Hz |
| Total gross effect | 40W |
| Cable type | Self limiting heating cable with plug |
| Grounding | Braided, tinned copper wires |
| Effect pr. meter (watt pr. running meter) | 10W |
| Length of Heating Cable or Heating Cable Mat | 4m |
| Bus conductor | Nickel Coated Copper Wire |
| Cold lead | 2m |
| Max temperature without load | 85°C |
| Max temperature with load | 65°C |
| Min bend radius (mm) | 25mm |
| Weight per meter (gram) | 86g |
| Ambient temperature range in use | -30 to 55°C |
| Ambient temperature range in storage (°C) | -30 to 60°C |
| Min/max installation temperature | -40 to 30°C |
| Colour | Black |
| Outer sleeve material | Fluoropolymer |
| IP Code | IPX7 |
| Certification | Reach, RoHS |
| EN Standards | CE, EN 60800, EN 62395 |
| Warranty international | 2 years |
| Customs number | 85444200 |





PRODUCT DIMENSIONS

| | | | |
|-------------------------|--------|--------------------|-------|
| Product height/diameter | 5.2mm | Product Width | 9.4mm |
| Product length | 4000mm | Product net weight | 577g |

MAINTENANCE

The product is maintenance-free, but it must always be installed in compliance with the manual. The product should be checked and tested annually.

ADDITIONAL INFORMATION

In the Nordic climate, insulation will not be sufficient for full frost protection of pipes. Tough weather conditions with wind and cold can lead to frozen water pipes, sprinkler systems etc.

Self-limiting heating cables are built up with a temperature-dependent resistance element between two parallel copper conductors. When the self-limiting heating cable is connected to the mains voltage, the current will pass through the temperature-dependent resistance element, which is heated. When the element heats up, the resistance value rises. As a result, power consumption and heat fall again. This is what we call a self-limiting effect. This regulation of the power takes place anywhere on the cable and is adapted to the current ambient temperature.

Self-limiting heating cables have a high starting current depending on length and temperature. Fuses with C-characteristics must therefore always be used.

Special lengths with attached cold lead can be made to order. The cable can be cut to the desired length.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

Prerequisites:

230VAC nominal voltage.
Delayed circuit breakers with (C-type) max load 80%.
Max 10% voltage drop on bus conductors.

The self-limiting heating cable can be cut to the desired length.

We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).

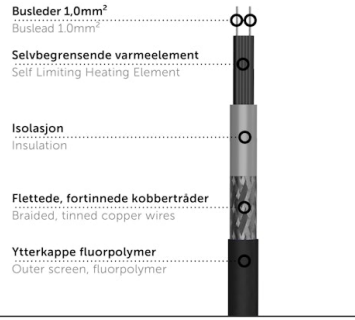
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at www.thermo-floor.no and/or documents.thermo-floor.no
Thermo-Floor AS can not be held liable for any type of errors or omissions in our product information.
Product specifications may change without further notice.



Kabelsnitt / cable cross section

TF SBG Sort 3
TF SBG Black 3



ThermoFloor For mer dokumentasjon scan QR
— smarte varmeløsninger — For further documentation scan QR



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**TF SBG Black 3 10W/4m 40W can be ordered from
www.thermo-floor.no/1011216**

All additional documentation are available on the above adress and on documents.thermo-floor.no/1011216

