



TF SBG BLACK 3 10W/13M 130W

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

Art.no	1011221
GTIN	7071236019343

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	130W
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	13m
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	13000mm	Product net weight	1382g

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.



Busleder 1,0mm²

Buslead 1.0mm²

Selvbegrensende varmeelement

Self Limiting Heating Element

Isolasjon

Insulation

Flettede, fortinnede kobbertråder

Braided, tinned copper wires

Ytterkappe fluorpolymer

Outer screen, fluoropolymer



**TF SBG Black 3 10W/13m 130W can be ordered from
www.thermo-floor.no/1011221**

All additional documentation are available on the above adress and on documents.thermo-floor.no/1011221

