

TF SBG-FP BLUE 10W/M

EOL

Self-limiting heating cable - frost protection water pipes

Art.no	1011400
GTIN	7071236012733

TF SBG-FP 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

- Drinking water-approved
- Water pipes
- Wells
- Frost protection of water pipes
- Cottage / holiday home / outbuilding / warehouse / housing

PRODUCT INFO GROUND PROTECTION/RCD/THERMOSTAT

The heating system must be equipped with an RCD with a maximum trip value of 30mA.

The heating system must be installed with an electronic thermostat for energy efficiency and temperature control.

PRODUCT DATA

Voltage	230VAC
Cable type	Self limiting heating cable
Grounding	Helically wrapped aluminum foil with return conductor
Effect pr. meter (watt pr. running meter)	10W
Bus conductor	Nickel Coated Copper Wire
Max temperature without load	65°C
Max temperature with load	65°C
Min bend radius (mm)	25mm
Weight per meter (gram)	66g
Min/max installation temperature	-30 to 40°C
Colour	Blue
Outer sleeve material	Fluorpolymer
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE, EN 60079, EN 60529
Warranty international	2 years
Customs number	85168000

PRODUCT DIMENSIONS

Product length	1000mm	Product Width	7mm
Product height/diameter	4.6mm		

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.

RETURN AND RECYCLING

The product must be recycled as electric waste.

HEATIT CABLE DATA

Cable type	Self limiting heating cable	Grounding	Helically wrapped aluminum foil with return conductor
Effect pr. meter (watt pr. running meter)	10W	Bus conductor	Nickel Coated Copper Wire
Max temperature without load	65°C	Max temperature with load	65°C
Min bend radius	25mm	Weight per meter	66g

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.heatit.com or documents.heatit.com
Heatit Controls AS can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.

Heatit Controls AS
Mattisrudsvingen 19, 2827 Hunndalen, Norway
Tel: +47 61 18 77 77 | post@heatit.com
heatit.com | **documents.heatit.com**

Designed in Norway
RoHS Compliant
REACH Compliance
CE

Kabelsnitt / Cable cross section

TF SBG-FP

TF SBG-FP



Sikring, maks kabellengde / Fuse, max cable length

TF SBG-FP

TF SBG-FP

TEMPERATUR VED TILKOBLING (°C) TEMPERATURE AT CONNECTION (°C)	NOMINELT BRYTERNIVÅ (A) NOMINALLY BRIDGE LEVEL (A)	MAKS. KABELLENGDE (m) VED 230VAC MAX CABLE LENGTH (m) AT 230VAC
		TF SBG-H 10W
10°C	16A	89m
	20A	
0°C	16A	
	20A	
-10°C	16A	
	20A	

ThermoFloor — smarte varmeløsninger —

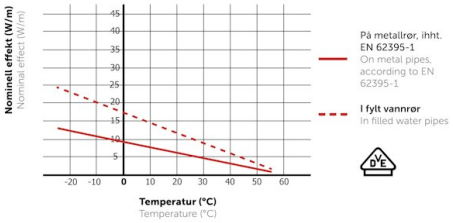
For mer dokumentasjon scan QR
For further documentation scan QR

thermo-floor.no

Effektkurve / Effect curve

TF SBG-FP

TF SBG-FP



ThermoFloor — smarte varmeløsninger —

For mer dokumentasjon scan QR
For further documentation scan QR

thermo-floor.no

Sikring, maks kabellengde / Fuse, max cable length

TF SBG-FP

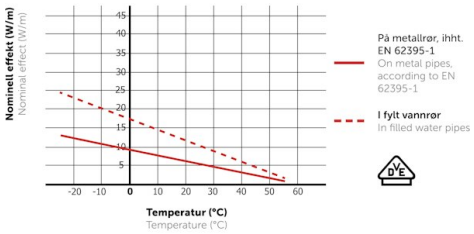
TF SBG-FP

TEMPERATUR VED TILKOBLING (°C) TEMPERATURE AT CONNECTION (°C)	NOMINELT BRYTERNIVÅ (A) NOMINALLY BRIDGE LEVEL (A)	MAKS. KABELLENGDE (m) VED 230VAC MAX CABLE LENGTH (m) AT 230VAC
		TF SBG-H 10W
10°C	16A	89m
	20A	
0°C	16A	
	20A	
-10°C	16A	
	20A	

Effektkurve / Effect curve

TF SBG-FP

TF SBG-FP



ThermoFloor — smarte varmeløsninger —

For mer dokumentasjon scan QR
For further documentation scan QR

thermo-floor.no