



TF SBG-FP BLUE 10W/M

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 DATA

Colour	Blue
Outer sleeve material	Fluoropolymer
Min/max installation temperature	-30 til 40°C

STANDARDS

Certification	RoHS, Reach
IP Code	IPX7

WARRANTY

Warranty international	2 years
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ELECTRO TECHNICAL DATA

Voltage	230VAC
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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

Self-limiting heating cables are built up with a temperature-dependent resistance element between two parallel copper conductors. When the SBG 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-regulating heating cables have a high starting current depending on length and temperature. Fuses with C-characteristics must therefore always be used. 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, fire pipes, sprinkler systems, etc.

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 electric 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.



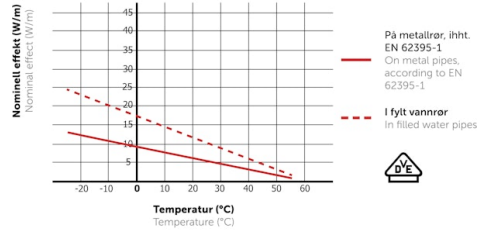
Sikring, maks kabellengde / Fuse, max cable length

TF SBG-FP
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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
10°C	16A	89m
	20A	
0°C	16A	
	20A	
-10°C	16A	
	20A	

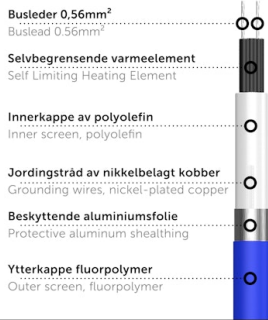
Effektkurve / Effect curve

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Kabelsnitt / Cable cross section

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Sikring, maks kabellengde / Fuse, max cable length

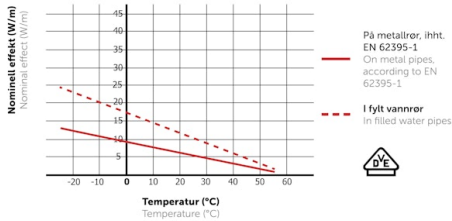
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Effektkurve / Effect curve

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TF SBG-FP Blue 10W/m can be ordered from
www.thermo-floor.no/1011400

All additional documentation are available on the above adress and on documents.thermo-floor.no/1011400

