





PRODUCT FEATURES

- Supplied with plug
- Water pipes

- Wells
- For frost protection of water pipes
- Cottage / holiday home / outbuilding / warehouse / housing

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 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	Fluorpolymer		
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

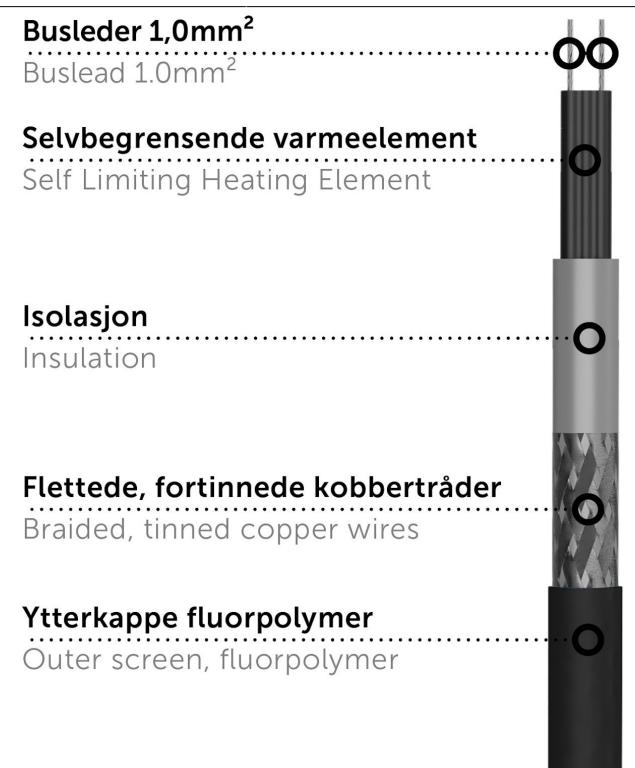
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Product specifications may change without further notice.









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





