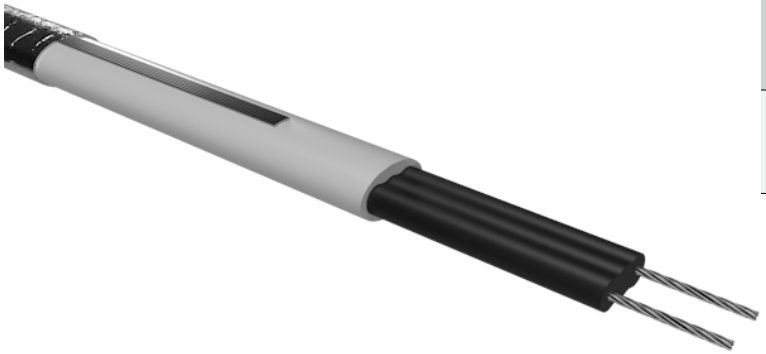


TF SBG-T2 BLACK 25W/M

Self Limiting Heating Cable

Art.no	1011224
GTIN	7071236019671

TF SBG-T2 is a self-limiting heating cable for frost protection of roof gutters and drainage systems, also suitable for frost protection in connection with houses, plants and industrial installations.
The self-limiting heating cable is designed to withstand temperatures up to 80°C.
UV-resistant.

PRODUCT FEATURES

- Frost protection
- Drainage systems
- Roof gutters
- Flat roof

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)	25W
Bus conductor	Nickel Coated Copper Wire
Max temperature (average)	65°C
Max temperature without load	85°C
Max temperature with load	65°C
Min bend radius (mm)	25mm
Weight per meter (gram)	100g
Ambient temperature range in use	-30 to 65°C
Ambient temperature range in storage (°C)	-30 to 85°C
Min/max installation temperature	-30 to 40°C
Min. and max ambient humidity (RH%)	0 to 85%
Colour	Black
Outer sleeve material	Polyolefin
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE
Warranty international	2 years
Customs number	85168000

PRODUCT DIMENSIONS

Product height/diameter	5.7mm	Product Width	10.5mm
Product length	1000mm	Product net weight	90g

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.

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
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.

Kabelsnitt / Cable cross section

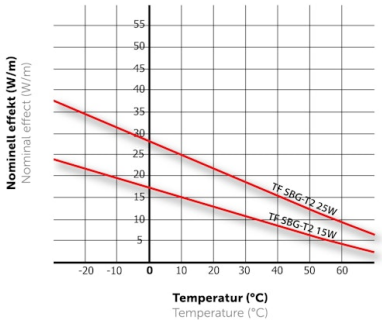
TF SBG-T2

TF SBG-T2

Effektkurve / Effect curve

TF SBG-T2

TF SBG-T2



Sikring, maks kabellengde / Fuse, max cable length

TF SBG-T2

TF SBG-T2

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-T2 15W/M	TF SBG-T2 25W/M
10°C	16A	115m	92m
	20A	120m	98m
0°C	16A	105m	83m
	20A	110m	93m
-10°C	16A	95m	75m
	20A	100m	85m
-30°C	16A	93m	68m
	20A	95m	72m

TF SBG-T2 Black 25W/m can be ordered from www.thermo-floor.no/1011224

All additional documentation are available on the above adress and on **documents.heatit.no/1011224**