



## FROST SAFE

### Frost protection of pipes

During the cold months, there is a risk of damage to outdoor pipe installations. The water inside the pipes freezes, expands and can potentially result in the need for expensive repairs caused by water leakage. The ideal solution for protecting pipes from frost is to install heating cables, complete with a connecting cable.

Frost Safe is a serial resistive heating cable designed for frost protection of pipe installations on the outside of the pipe. The cable is fitted with a thermostat to control the temperature. The thermostat turns the heat on and off as needed, making it a cost-effective solution.

Frost Safe is installed on the outside of the pipe installation according to the few points of attention in the installation instructions. The cable is installed on the underside of the pipe or wrapped around the pipe if the cable is too long or a higher power output is needed. Just be aware that the cable must not touch or cross itself when installed on the pipe, as this will cause overheating.

Frost Safe is available in lengths that can cover most needs, comes complete with a plug, and is ready for use. The cable meets the requirements of IEC/EN 62395 for frost protection in private homes and industry.

Further information about the product can be found on the datasheet.

#### Advantages:

- Ensures a continuous water supply during periods of frost
- Prevents frost from bursting water pipes
- Easy installation without the need for an electrician
- The built-in thermostat ensures cost-effective operation
- Low cost and simple solution
- 5-year warranty



Version 1-092021

Heatcom Corporation A/S  
Korsholm Allé 14  
DK-5500 Middelfart  
Tel. +45 63 41 77 77  
Sales@Heatcom.dk



## FROST SAFE

### Frost protection for pipes

Frost Safe is a robust and durable heating cable with a constant power output of 13 W/m, which prevents the water pipes from freezing.

The cable is fitted with a thermostat for temperature monitoring. When the temperature drops below 3 °C, the heating cable is automatically activated and switches off when the temperature exceeds 13°C.

This means that you can leave the cable with the power on all year round – the thermostat turns the heat on/off as needed, which makes it a cost-effective solution.

Frost Safe can be installed on plastic pipes if aluminium tape is used as a base for the heating cable.

Frost Safe comes complete with a plug for direct connection in a power outlet.



#### TECHNICAL DATA

Nominal Power	13 W/m
Supply voltage	230 V
Cable dimensions	Ø7 mm (+/- 0.5 mm)
Conductor insulation	FEP
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outer sheath	PVC
Colour	Black
Cold cable	2 m with a plug
Cold cable type	3G H05RN-F
Permissible cable temperature	90 °C
Thermostat activation temperature	<3 °C (+/- 2.5 °C)
Min. bending radius	40 mm
Warranty	5 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance resistance	-5 %...+10 %

#### APPLICATIONS

Outside of pipe	<input checked="" type="checkbox"/>
Inside of pipe	<input type="checkbox"/>

#### ACCESSORIES

Aluminium tape	<input type="checkbox"/>
----------------	--------------------------

#### LINK TO OUR WEBSITE



Version 1-092021

Heatcom Corporation A/S  
Korsholm Allé 14  
DK-5500 Middelfart  
Tel. +45 63 41 77 77  
Sales@Heatcom.dk



## FROST SAFE

DESCRIPTION	OUTPUT	CURRENT	RESISTANCE
Frost Safe 1.4 m 13 W/m	20 W	0.1 A	2800 Ω
Frost Safe 2.0 m 13 W/m	25 W	0.1 A	2000 Ω
Frost Safe 3.0 m 13 W/m	40 W	0.2 A	1350 Ω
Frost Safe 4.0 m 13 W/m	55 W	0.2 A	1000 Ω
Frost Safe 5.0 m 13 W/m	60 W	0.3 A	800 Ω
Frost Safe 8.0 m 13 W/m	105 W	0.5 A	496 Ω
Frost Safe 10.5 m 13 W/m	140 W	0.6 A	378 Ω
Frost Safe 14.0 m 13 W/m	185 W	0.8 A	286 Ω
Frost Safe 18.5 m 13 W/m	250 W	1.1 A	215 Ω
Frost Safe 22.5 m 13 W/m	300 W	1.3 A	176 Ω
Frost Safe 38.0 m 13 W/m	475 W	2.1 A	111 Ω
Frost Safe 45.0 m 13 W/m	575 W	2.5 A	92 Ω

Version 1-092021

Heatcom Corporation A/S  
Korsholm Allé 14  
DK-5500 Middelfart  
Tel. +45 63 41 77 77  
Sales@Heatcom.dk