PRODUCT SHEET

25 YEAR WARRANTY

FLOOR HEATING

UNDERFLOOR HEATING MAT

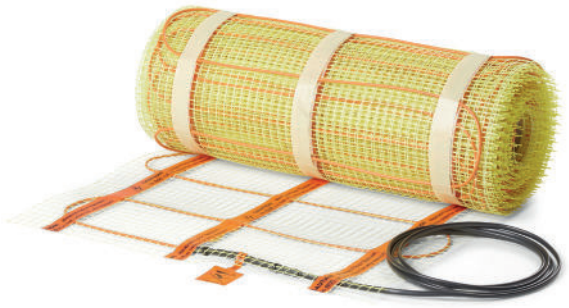
100, 150, 190 W/m²

Heatcom's heating mats combine exceptional quality, advanced design and easy installation. The mats can be installed beneath any type of floor covering directly into the layer of levelling compound or tile adhesive and can be used as a primary heat source or as comfort heating of the room. The heating mats are ideal for regular shaped rooms and larger areas, where it is necessary to keep the floor level to a minimum.

The pre-spaced cable of the mat saves a lot of time during installation and allows installers to focus entirely on rolling the heating mats out correctly and quickly. As mats are being laid directly under the chosen flooring, the heating system reacts significantly faster than if installed in thick concrete layers, which makes heating mats an efficient heat source.The heating mat is designed to provide a thermal output of either 100, 150 or 190 W/m². The recommended output depends on the insulation level in the room, floor type and functional purpose of the room. No matter the choice of output, the temperature of the floor is controlled by a thermostat, which allows you to customise the operation of your underfloor heating based on your individual needs to ensure maximum comfort and optimal energy consumption.

ADVANTAGES:

- Ideal for rectangular rooms
- Easy-to-install, simple cut and turn design
- Adds minimal build height
- Highly reliable and resistant to high temperatures
- Maintenance-free
- Available in a wide range of sizes
- Developed and made in Denmark
- Covered by a 25-year warranty



BEAB Approved

Version 1-022021

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DATA SHEET

25 YEAR WARRANTY

FLOOR HEATING

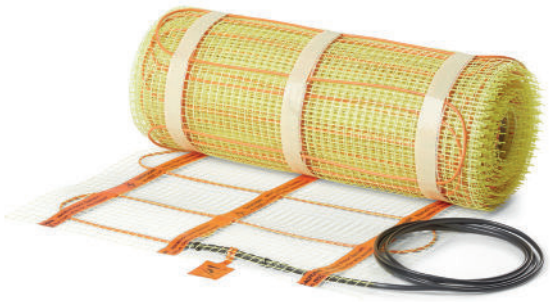
UNDERFLOOR HEATING MAT

100, 150, 190 W/m²

The heating mat has been developed for indoor use on all types of existing, stable flooring and is made with ultra-thin high-quality heating cable. The heating mat fixes to the floor with double-sided tape and must be fully embedded in a layer of screed, levelling compound or tile adhesive. Under good insulation conditions, use:

- 100 W/m² for general room heating.
- 150 W/m² for bathrooms and rooms with “cool” floor coverings such as tiles.
- 190 W/m² where there is a need for extra high temperatures or where the insulation conditions mean that you need more output in the room in order to reach a comfortable room temperature.

Heating mats are available in many sizes, suitable for a wide range of applications.
The cable in the heating mat is an earthed dual conductor cable.



CE S BEAB Approved

TECHNICAL DATA

Voltage	230 V - 50 Hz
Cable diameter	Ø3 mm
Inner conductor, insulation	FEP
Cold cable	2,5 m
Cable type	2 wires + earth screen
Screen	Aluminium mylar tape and copper conductor
Outer sheath	PVC
Max. permissible cable temperature	90° C
Mesh	Coated fiberglass
Overall height	Min. 7 mm
Warranty	25 years
Approval	CE, SEMKO, BEAB
Standard	EN60335-2-96
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	
Existing floor	✓
In screed	✓

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PRODUCT OVERVIEW

25 YEAR WARRANTY

FLOOR HEATING

HEATING MAT - 100 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 100 W/m² - 1,1 m² (0,5 x 2,2 m)	110 W	0,5 A	503 Ω
Heating Mat Ø3 mm 100 W/m² - 1,4 m² (0,5 x 2,8 m)	140 W	0,6 A	386 Ω
Heating Mat Ø3 mm 100 W/m² - 2,0 m² (0,5 x 4,0 m)	200 W	0,9 A	259 Ω
Heating Mat Ø3 mm 100 W/m² - 3,0 m² (0,5 x 6,0 m)	290 W	1,3 A	180 Ω
Heating Mat Ø3 mm 100 W/m² - 4,1 m² (0,5 x 8,2 m)	400 W	1,7 A	133 Ω
Heating Mat Ø3 mm 100 W/m² - 4,9 m² (0,5 x 9,8 m)	480 W	2,1 A	110 Ω
Heating Mat Ø3 mm 100 W/m² - 5,8 m² (0,5 x 11,6 m)	580 W	2,5 A	91 Ω
Heating Mat Ø3 mm 100 W/m² - 7,0 m² (0,5 x 14,0 m)	680 W	3,0 A	77 Ω
Heating Mat Ø3 mm 100 W/m² - 8,3 m² (0,5 x 16,6 m)	820 W	3,6 A	64 Ω
Heating Mat Ø3 mm 100 W/m² - 9,0 m² (0,5 x 18,0 m)	910 W	3,9 A	58 Ω
Heating Mat Ø3 mm 100 W/m² - 10,2 m² (0,5 x 20,4 m)	970 W	4,2 A	55 Ω
Heating Mat Ø3 mm 100 W/m² - 11,5 m² (0,5 x 23,0 m)	1100 W	4,8 A	48 Ω
Heating Mat Ø3 mm 100 W/m² - 13,0 m² (0,5 x 26,1 m)	1300 W	5,6 A	41 Ω
Heating Mat Ø3 mm 100 W/m² - 15,0 m² (0,5 x 30,1 m)	1500 W	6,6 A	35 Ω

HEATING MAT - 150 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 150 W/m² - 0,8 m² (0,5 x 1,6 m)	130 W	0,6 A	397 Ω
Heating Mat Ø3 mm 150 W/m² - 1,2 m² (0,5 x 2,4 m)	180 W	0,8 A	301 Ω
Heating Mat Ø3 mm 150 W/m² - 1,4 m² (0,5 x 2,8 m)	210 W	0,9 A	250 Ω
Heating Mat Ø3 mm 150 W/m² - 1,9 m² (0,5 x 3,8 m)	290 W	1,2 A	186 Ω
Heating Mat Ø3 mm 150 W/m² - 2,2 m² (0,5 x 4,4 m)	320 W	1,4 A	165 Ω
Heating Mat Ø3 mm 150 W/m² - 2,5 m² (0,5 x 5,0 m)	370 W	1,6 A	145 Ω
Heating Mat Ø3 mm 150 W/m² - 3,0 m² (0,5 x 6,0 m)	450 W	2,0 A	118 Ω
Heating Mat Ø3 mm 150 W/m² - 3,4 m² (0,5 x 6,8 m)	490 W	2,1 A	107 Ω
Heating Mat Ø3 mm 150 W/m² - 4,0 m² (0,5 x 8,0 m)	590 W	2,6 A	90 Ω
Heating Mat Ø3 mm 150 W/m² - 5,0 m² (0,5 x 10,0 m)	710 W	3,1 A	74 Ω
Heating Mat Ø3 mm 150 W/m²- 6,0 m² (0,5 x 12,0 m)	860 W	3,7 A	62 Ω
Heating Mat Ø3 mm 150 W/m² - 6,8 m² (0,5 x 13,6 m)	980 W	4,3 A	54 Ω
Heating Mat Ø3 mm 150 W/m² - 7,4 m² (0,5 x 14,8 m)	1050 W	4,6 A	50 Ω
Heating Mat Ø3 mm 150 W/m² - 8,0 m² (0,5 x 16,0 m)	1170 W	5,1 A	45 Ω
Heating Mat Ø3 mm 150 W/m² - 9,0 m² (0,5 x 18,0 m)	1300 W	5,7 A	41 Ω
Heating Mat Ø3 mm 150 W/m² - 10,7 m² (0,5 x 21,4 m)	1530 W	6,7 A	35 Ω
Heating Mat Ø3 mm 150 W/m² - 11,3 m² (0,5 x 22,6 m)	1630 W	7,1 A	33 Ω
Heating Mat Ø3 mm 150 W/m² - 12,8 m² (0,5 x 25,6 m)	1850 W	8,0 A	29 Ω
Heating Mat Ø3 mm 150 W/m² - 14,7 m² (0,5 x 29,4 m)	2110 W	9,2 A	25 Ω

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PRODUCT OVERVIEW

25 YEAR WARRANTY

FLOOR HEATING

HEATING MAT - 190 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 190 W/m² - 0.6 m² (0.5 x 1.2 m)	110 W	0,5 A	490 Ω
Heating Mat Ø3 mm 190 W/m² - 1.0 m² (0.5 x 2.0 m)	190 W	0,8 A	282 Ω
Heating Mat Ø3 mm 190 W/m² - 1.6 m² (0.5 x 3.2 m)	300 W	1,3 A	179 Ω
Heating Mat Ø3 mm 190 W/m² - 2.0 m² (0.5 x 4.0 m)	370 W	1,6 A	144 Ω
Heating Mat Ø3 mm 190 W/m² - 2.6 m² (0.5 x 5.2 m)	480 W	2,1 A	111 Ω
Heating Mat Ø3 mm 190 W/m² - 2.8 m² (0.5 x 5.6 m)	510 W	2,2 A	103 Ω
Heating Mat Ø3 mm 190 W/m² - 3.5 m² (0.5 x 7.0 m)	640 W	2,8 A	83 Ω
Heating Mat Ø3 mm 190 W/m² - 4.2 m² (0.5 x 8.4 m)	760 W	3,3 A	69 Ω
Heating Mat Ø3 mm 190 W/m² - 5.4 m² (0.5 x 10.8 m)	970 W	4,2 A	54 Ω
Heating Mat Ø3 mm 190 W/m² - 6.0 m² (0.5 x 12.0 m)	1080 W	4,7 A	49 Ω
Heating Mat Ø3 mm 190 W/m² - 6.7 m² (0.5 x 13.4 m)	1210 W	5,3 A	44 Ω
Heating Mat Ø3 mm 190 W/m² - 7.5 m² (0.5 x 15.0 m)	1350 W	5,9 A	39 Ω
Heating Mat Ø3 mm 190 W/m² - 8.9 m² (0.5 x 17.8 m)	1590 W	6,9 A	33 Ω
Heating Mat Ø3 mm 190 W/m² - 9.9 m² (0.5 x 19.8 m)	1790 W	7,8 A	30 Ω

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PRODUCT SHEET

15 YEAR WARRANTY

FLOOR HEATING

ALUMAT

80, 140 W/m²

DANISH DESIGN

Alumat is a unique heating mat, specially developed to be used on an existing stable floor directly beneath wooden and laminate flooring – without requiring covering by levelling compounds. No more wet trade – dry and clean installation make the heating mat impressively easy to work with. All that is needed is a hobby-knife and scissors! The ultra-thin design of the mat adds minimal build height to your floor construction.

AluMat must be fitted on a layer of insulating underlay, suitable for the electric underfloor heating. For these purposes, we recommend using Reflector 3, Reflector 6 or another underlay with similar properties. Heatcom's Reflector plates smooth out unevenness of the subfloor surface, provide additional thermal and sound insulation and protect the heating mats against weight load, prolonging the lifetime of your floor.

We recommend using a thermostat with a floor sensor and temperature limiter at max. 27°C to avoid the risk of floor damage by too rapid heating and high temperature. With additional accessories, AluMat can be fitted beneath carpets, vinyl, linoleum, etc. Select a suitable manual or programmable thermostat from a wide range of Heatcom's Heat Controls.

ADVANTAGES:

- Dry and clean installation – no embedding required
- Ideal for use beneath wooden floors, parquet, laminate
- Ultra-thin design – adds minimal build height to floor construction
- Easy-to-install, simple cut and turn design
- Highly reliable and resistant to high temperatures
- Available in a wide range of sizes
- Danish Design
- Covered by a 15-year warranty

CE

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DATA SHEET

15 YEAR WARRANTY

FLOOR HEATING

ALUMAT

80, 140 W/m²

AluMat is an electric heating mat developed for underfloor heating beneath wooden and laminate flooring without requiring covering with levelling compounds. The mat contains ultra-thin heating cables and an aluminium earth shield.

The power requirement (W/m²) depends on the specific conditions in the surrounding building and the level of insulation in the room.

AluMats must be fitted on top of the insulating underlay, i.e. Reflector 3, Reflector 6 or another underlay with similar properties.

We recommend using a thermostat with a floor sensor and temperature limiter at max. 27°C to avoid the risk of floor damage by too rapid heating and high temperature.

Dual conductor system – only one power lead per heating mat.

CE

TECHNICAL DATA

Voltage	230 V - 50Hz
Mat thickness	Ø1,7 mm
Inner conductor, insulation	FEP
Cold cable	3 m
Outer sheath	PVC
Max. permissible cable temperature	90° C
Heat dissipation material	Full coverage aluminium foil
Warranty	15 years
Approval	CE
Standard	EN60335-2-96
Tolerance resistance	-5 %/+10 %

APPLICATIONS

Wet rooms	
Reg. housing	✓
Concrete	
Existing floor	✓
In screed	

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PRODUCT OVERVIEW

15 YEAR WARRANTY

FLOOR HEATING

ALUMAT - 80 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
AluMat 80 W/m² - 1.0 m² (0.5 x 2.0 m)	80 W	0.3 A	661 Ω
AluMat 80 W/m² - 1.5 m² (0.5 x 3.0 m)	120 W	0.5 A	441 Ω
AluMat 80 W/m² - 2.0 m² (0.5 x 4.0 m)	160 W	0.7 A	331 Ω
AluMat 80 W/m² - 2.5 m² (0.5 x 5.0 m)	200 W	0.9 A	265 Ω
AluMat 80 W/m² - 3.0 m² (0.5 x 6.0 m)	240 W	1.0 A	220 Ω
AluMat 80 W/m² - 3.5 m² (0.5 x 7.0 m)	280 W	1.2 A	189 Ω
AluMat 80 W/m² - 4.0 m² (0.5 x 8.0 m)	320 W	1.4 A	165 Ω
AluMat 80 W/m² - 4.5 m² (0.5 x 9.0 m)	360 W	1.6 A	147 Ω
AluMat 80 W/m² - 5.0 m² (0.5 x 10.0 m)	400 W	1.7 A	132 Ω
AluMat 80 W/m² - 6.0 m² (0.5 x 12.0 m)	480 W	2.1 A	110 Ω
AluMat 80 W/m² - 7.0 m² (0.5 x 14.0 m)	560 W	2.4 A	94 Ω
AluMat 80 W/m² - 8.0 m² (0.5 x 16.0 m)	640 W	2.8 A	83 Ω
AluMat 80 W/m² - 9.0 m² (0.5 x 18.0 m)	720 W	3.1 A	73 Ω
AluMat 80 W/m² - 10.0 m² (0.5 x 20.0 m)	800 W	3.5 A	66 Ω
AluMat 80 W/m² - 12.0 m² (0.5 x 24.0 m)	960 W	4.2 A	55 Ω
AluMat 80 W/m² - 15.0 m² (0.5 x 30.0 m)	1200 W	5.2 A	44 Ω

ALUMAT - 140 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
AluMat 140 W/m² - 1,0 m² (0,5 x 2,0 m)	140 W	0,6 A	378 Ω
AluMat 140 W/m² - 1,5 m² (0,5 x 3,0 m)	210 W	0,9 A	252 Ω
AluMat 140 W/m² - 2,0 m² (0,5 x 4,0 m)	280 W	1,2 A	189 Ω
AluMat 140 W/m² - 2,5 m² (0,5 x 5,0 m)	350 W	1,5 A	151 Ω
AluMat 140 W/m² - 3,0 m² (0,5 x 6,0 m)	420 W	1,8 A	126 Ω
AluMat 140 W/m² - 3,5 m² (0,5 x 7,0 m)	490 W	2,1 A	108 Ω
AluMat 140 W/m² - 4,0 m² (0,5 x 8,0 m)	560 W	2,4 A	94 Ω
AluMat 140 W/m² - 4,5 m² (0,5 x 9,0 m)	630 W	2,7 A	84 Ω
AluMat 140 W/m² - 5,0 m² (0,5 x 10,0 m)	700 W	3,0 A	76 Ω
AluMat 140 W/m² - 6,0 m² (0,5 x 12,0 m)	840 W	3,7 A	63 Ω
AluMat 140 W/m² - 7,0 m² (0,5 x 14,0 m)	980 W	4,3 A	54 Ω
AluMat 140 W/m² - 8,0 m² (0,5 x 16,0 m)	1120 W	4,9 A	47 Ω
AluMat 140 W/m² - 9,0 m² (0,5 x 18,0 m)	1260 W	5,5 A	42 Ω
AluMat 140 W/m² - 10,0 m² (0,5 x 20,0 m)	1400 W	6,1 A	38 Ω
AluMat 140 W/m² - 12,0 m² (0,5 x 24,0 m)	1680 W	7,3 A	31 Ω
AluMat 140 W/m² - 15,0 m² (0,5 x 30,0 m)	2099 W	9,1 A	25 Ω

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UNDERLAY FOR ALUMAT

Reflector 3 mm, 6 mm

DANISH DESIGN

Universal insulation foam base for laminated panels and wooden floors provides optimum thermal and footstep sound insulation that prolongs the lifetime of your floor.

With laminate or wooden floors, it is important to spread the heat evenly beneath the flooring to avoid discolouration or movement in the floor. Therefore, we recommend using Reflector 3 or Reflector 6 as an underlay for AluMat underfloor heating, specially developed for wooden and laminate flooring.

The insulation layer prevents downward heat loss and provides acoustic insulation. Underlay is available in 3 and 6-mm thickness and comes in 6 m² packages

ADVANTAGES:

- Effective footstep sound and thermal insulation for hard surfaces
- Longer floor life due to levelling small irregularities of the sub-floor
- High load resistance
- Absorbs unevenness of the subfloor
- Smooth surface – necessary for floating insulation of the floor
- Very low water absorption
- Approved for use as underfloor heating insulation

CE

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DATA SHEET

10 YEAR WARRANTY

FLOOR HEATING

UNDERLAY FOR ALUMAT

Reflector 3 mm, 6 mm

Reflector plates are thin sheets of insulating material of medium-hard extruded polystyrene, used as underlay for AluMat Underfloor Heating (for wooden and laminate flooring). Reflector plates provide thermal and sound insulation and smooth out unevenness of the subfloor surface.

Underlay is available in 3 and 6-mm thickness and comes in 6 m² packages.

CE

TECHNICAL DATA

	REFLECTOR 3	REFLECTOR 6
Material	Extruded Polystyrene / XPS	Extruded Polystyrene / XPS
Dimentions (H,W,L)	3 x 500 x 1200 mm	6 x 500 x 1200 mm
Weight	150 g/m²	200 g/m²
Density (EN ISO 845)	40 kg/m³	32 kg/m³
Moisture protection (vol. %)	0,08 %	0,06 %
Load	9 t/m²	9 t/m²
U-value	9,26 W/m²K	4,64 W/m²K
Max. temperature	80° C	80° C
Sound reduction	22 dB	22 dB
Warranty	10 years	10 years
Standard	CE	CE

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PRODUCT SHEET

25 YEAR WARRANTY

FLOOR HEATING

HEATING CABLE 3 mm

12 W/m

A thin heating cable combines superior quality and ultra-thin design creating a perfect flexible solution for efficient underfloor heating in rooms with complex configuration, where heating mats are more complicated to install.

The cables are fitted directly on an existing stable floor into the layer of tile adhesive or levelling filler, which adds minimal build height to your floor construction. Thereby the floor heats up as quickly as with heating mats, which makes it an efficient heating solution.

Heating cables are a flexible solution that allows you to adjust the power output per m^2 according to your individual need. The power output varies by the cable spacing, providing warmer and cooler zones if desired – the smaller the distance between heating cables, the more power output you get and vice versa.

ADVANTAGES:

- Suitable for installation beneath all types of flooring
- Flexible and ideal for rooms with a complex configuration
- Adds minimal build height
- Highly reliable and resistant to high temperatures
- Maintenance-free
- Available in a wide range of sizes
- Made in Denmark
- Covered by a 25-year warranty

BEAB Approved

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HEATING CABLE 3 mm

12 W/m

The ultra-thin heating cable is designed for indoor installation only and is to be fully embedded in a layer of screed, tile adhesive or levelling compound. The cable can be installed on an existing stable floor beneath any type of flooring.

Heating cables are available in many sizes, suitable for a wide range of applications.

The cable is dual conductor construction with earth screen and drain wire.

CE S BEAB Approved

TECHNICAL DATA

Power output	12 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø3 mm
Inner conductor, insulation	FEP
Cold cable	2,5 m
Cable type	2 wires + earth screen
Screen	Aluminium mylar tape and copper conductor
Outer sheath	PVC
Max. permissible cable temperature	90° C
Min. construction height	7 mm
Min. bending radius	18 mm
Warranty	25 years
Approval	CE, Semko, BEAB
Standard	EN60335-2-96
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	
Existing floor	✓
In screed	✓

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HEATING CABLE 3 mm - 12 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø3 mm, 12 W/m - 11.3 m	130 W	0.6 A	407 Ω
Heating cable Ø3 mm, 12 W/m - 16,5 m	200 W	0.9 A	264 Ω
Heating cable Ø3 mm, 12 W/m - 23,5 m	290 W	1.3 A	183 Ω
Heating cable Ø3 mm, 12 W/m - 29,5 m	370 W	1.6 A	142 Ω
Heating cable Ø3 mm, 12 W/m - 36,0 m	420 W	1.8 A	126 Ω
Heating cable Ø3 mm, 12 W/m - 39,0 m	480 W	2.1 A	109 Ω
Heating cable Ø3 mm, 12 W/m - 47,0 m	570 W	2.5 A	92 Ω
Heating cable Ø3 mm, 12 W/m - 57,0 m	660 W	2,9 A	80 Ω
Heating cable Ø3 mm, 12 W/m - 68,0 m	790 W	3.5 A	67 Ω
Heating cable Ø3 mm, 12 W/m - 79,0 m	960 W	4,2 A	55 Ω
Heating cable Ø3 mm, 12 W/m - 87,0 m	1050 W	4,6 A	50 Ω
Heating cable Ø3 mm, 12 W/m - 99,0 m	1190 W	5,2 A	45 Ω
Heating cable Ø3 mm, 12 W/m - 112,0 m	1330 W	5,8 A	40 Ω
Heating cable Ø3 mm, 12 W/m - 133,0 m	1590 W	6,9 A	33 Ω
Heating cable Ø3 mm, 12 W/m - 145,0 m	1740 W	7,6 A	30 Ω
Heating cable Ø3 mm, 12 W/m - 166,0 m*	1990 W	8,7 A	27 Ω
Heating cable Ø3 mm, 12 W/m - 177,0 m*	2130 W	9,3 A	25 Ω

*Standard packaging is not available

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PRODUCT SHEET

25 YEAR WARRANTY

FLOOR HEATING

HEATING CABLE 6 mm

10, 14, 18, 20 W/m

A robust universal and cost-effective cable which is suitable for providing comfort heating or primary heating of the room beneath any floor covering. The cable is robust and suitable for fastening on reinforcement grids and embedding in concrete, which makes it a perfect solution for new builds or renovation projects where a new screed will be laid.

When the heating cable is fully embedded, it warms the screed above and around it, building up heat in the floor which is slowly released into the room, providing a very stable temperature. Heating cables are a flexible solution that allows you to adjust the power output per m² according to your individual need. The power output varies according to the cable spacing, which is referred to as the centre-to-centre distance. The smaller the distance between heating cables the more power output and vice versa.

The cable is available in four ranges of power outputs and offers a wide range of application possibilities and installation options. More details on special purposes and application areas of each power output of the cable can be found in the product datasheets.

ADVANTAGES:

- Suitable for all types of flooring and different applications
- Perfect for any situation where a new screed or concrete is going to be laid
- Strong design, but flexible to install
- Highly reliable and resistant to high temperatures
- Installation does not require a perfectly flat floor surface
- Available in 4 power outputs, each in different lengths
- Made in Denmark
- Covered by a 25-year warranty

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HEATING CABLE 6 mm

10 W/m

The 6 mm heating cable series (10, 14, 18, 20 W/m) is designed with a strong outer sheath that makes it suitable for fastening on wire reinforcement and embedding in concrete layers.

The Ø6 mm 10 W/m is suitable for low-built underfloor heating. The cable is installed in a minimum 10 mm thick layer onto an existing, stable construction.

Another common area of application of 6 mm 10 W/m is installation beneath wooden floors on joists. The heating cable is installed on mesh netting, which is mounted between joists beneath wooden floors.

Heating cables are available in many sizes suitable for a wide range of applications. The cable is dual conductor construction with earth screen and drain wire.

CE

TECHNICAL DATA

Power output	10 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø6 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC
Max. permissible cable temperature	90° C
Min. construction height	10 mm
Min. bending radius	36 mm
Warranty	25 years
Approval	CE
Standard	EN60335-2-96, EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	✓
Existing floor	✓
In screed	✓

LINK TO OUR WEBSITE

Version 1-052021

Heatcom Corporation A/S
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Tel. +45 63 41 77 77
Sales@Heatcom.dk

HEATING CABLE 6 mm - 10 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø6 mm, 10 W/m - 8.0 m	80 W	0.4 A	640 Ω
Heating cable Ø6 mm, 10 W/m - 14.0 m	140 W	0.6 A	371 Ω
Heating cable Ø6 mm, 10 W/m - 21.0 m	220 W	0.9 A	246 Ω
Heating cable Ø6 mm, 10 W/m - 28.0 m	290 W	1.2 A	185 Ω
Heating cable Ø6 mm, 10 W/m - 35.0 m	360 W	1.6 A	147 Ω
Heating cable Ø6 mm, 10 W/m - 42.0 m	420 W	1.8 A	125 Ω
Heating cable Ø6 mm, 10 W/m - 49.0 m	510 W	2.2 A	104 Ω
Heating cable Ø6 mm, 10 W/m - 56.0 m	560 W	2.4 A	94 Ω
Heating cable Ø6 mm, 10 W/m - 61.0 m	630 W	2.7 A	84 Ω
Heating cable Ø6 mm, 10 W/m - 70.0 m	700 W	3.0 A	76 Ω
Heating cable Ø6 mm, 10 W/m - 80.0 m	800 W	3.5 A	66 Ω
Heating cable Ø6 mm, 10 W/m - 90.0 m	900 W	3.9 A	59 Ω
Heating cable Ø6 mm, 10 W/m - 100.0 m	1000 W	4.3 A	53 Ω
Heating cable Ø6 mm, 10 W/m - 117.0 m	1190 W	5.2 A	44.5 Ω
Heating cable Ø6 mm, 10 W/m - 130.0 m	1310 W	5.7 A	40.3 Ω
Heating cable Ø6 mm, 10 W/m - 140.0 m	1450 W	6.3 A	36.4 Ω
Heating cable Ø6 mm, 10 W/m - 160.0 m	1650 W	7.2 A	32.0 Ω
Heating cable Ø6 mm, 10 W/m - 180.0 m	1840 W	8.0 A	28.8 Ω
Heating cable Ø6 mm, 10 W/m - 200.0 m*	2020 W	8.8 A	26.2 Ω
Heating cable Ø6 mm, 10 W/m - 208.0 m*	2080 W	9.1 A	25.4 Ω
Heating cable Ø6 mm, 10 W/m - 220.0 m*	2210 W	9.6 A	24.0 Ω
Heating cable Ø6 mm, 10 W/m - 230.0 m*	2300 W	10.0 A	23.0 Ω

*Standard packaging is not available

Version 1-052021

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DATA SHEET

25 YEAR WARRANTY

FLOOR HEATING

HEATING CABLE 6 mm

14 W/m

The 6 mm heating cable range (10, 14, 18, 20 W/m) is designed with a strong outer sheath that makes it suitable for fastening on wire reinforcement and embedding in concrete layers.

The 6 mm 14 W/m heating cable is suitable for low-built underfloor heating. The cable is installed in a minimum 10 mm thick layer onto an existing, stable construction.

Heating cables are available in many sizes suitable for a wide range of applications.

The cable is dual conductor construction with earth screen and drain wire.

CE

TECHNICAL DATA

Power output	14 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø6 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC
Max. permissible cable temperature	90° C
Min. construction height	10 mm
Min. bending radius	36 mm
Warranty	25 years
Approval	CE
Standard	EN60335-2-96, EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	✓
Existing floor	✓
In screed	✓

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HEATING CABLE 6 mm - 14 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø6 mm, 14 W/m - 6.9 m	100 W	0.4 A	548 Ω
Heating cable Ø6 mm, 14 W/m - 11.9 m	170 W	0.7 A	315 Ω
Heating cable Ø6 mm, 14 W/m - 18.0 m	250 W	1.1 A	211 Ω
Heating cable Ø6 mm, 14 W/m - 24.0 m	330 W	1.5 A	158 Ω
Heating cable Ø6 mm, 14 W/m - 30.0 m	420 W	1.8 A	126 Ω
Heating cable Ø6 mm, 14 W/m - 35.5 m	500 W	2.2 A	106 Ω
Heating cable Ø6 mm, 14 W/m - 42.0 m	590 W	2.6 A	89 Ω
Heating cable Ø6 mm, 14 W/m - 48.0 m	660 W	2,9 A	81 Ω
Heating cable Ø6 mm, 14 W/m - 52.0 m	740 W	3.2 A	72 Ω
Heating cable Ø6 mm, 14 W/m - 59.0 m	830 W	3.6 A	64 Ω
Heating cable Ø6 mm, 14 W/m - 67.0 m	950 W	4.1 A	56 Ω
Heating cable Ø6 mm, 14 W/m - 76.0 m	1070 W	4.7 A	49.4 Ω
Heating cable Ø6 mm, 14 W/m - 84.0 m	1190 W	5.2 A	44.5 Ω
Heating cable Ø6 mm, 14 W/m - 100.0 m	1390 W	6.1 A	38.0 Ω
Heating cable Ø6 mm, 14 W/m - 110.0 m	1550 W	6.7 A	34.1 Ω
Heating cable Ø6 mm, 14 W/m - 121.0 m	1680 W	7.3 A	31.5 Ω
Heating cable Ø6 mm, 14 W/m - 136.0 m	1940 W	8.5 A	27.2 Ω
Heating cable Ø6 mm, 14 W/m - 154.0 m	2150 W	9.3 A	24.6 Ω
Heating cable Ø6 mm, 14 W/m - 169.0 m	2390 W	10.4 A	22.1 Ω
Heating cable Ø6 mm, 14 W/m - 176.0 m	2460 W	10.7 A	21.5 Ω
Heating cable Ø6 mm, 14 W/m - 184.0 m	2640 W	11.5 A	20.1 Ω
Heating cable Ø6 mm, 14 W/m - 195.0 m*	2710 W	11.8 A	19.5 Ω
Heating cable Ø6 mm, 14 W/m - 205.0 m*	2900 W	12.6 A	28.2 Ω
Heating cable Ø6 mm, 14 W/m - 220.0 m*	3080 W	13.4 A	17.2 Ω

*Standard packaging is not available

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HEATING CABLE 6 mm

18 W/m

The 6 mm heating cable series (10, 14, 18, 20 W/m) is designed with a strong outer sheath that makes it suitable for fastening on reinforcement grid and embedding in concrete layers.

Ø6 mm 18 W/m is suitable for embedment in a self-supported concrete layer or screed with or without reinforcement grid in a minimum 30 mm thick mould layer.

Heating cables are available in many sizes suitable for a wide range of applications.

The cable is dual conductor construction with earth screen and drain wire.

CE

TECHNICAL DATA

Power output	18 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø6 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC
Max. permissible cable temperature	90° C
Min. construction height	30 mm
Min. bending radius	36 mm
Warranty	25 years
Approval	CE
Standard	EN60335-2-96, EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	✓
Existing floor	
In screed	✓

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HEATING CABLE 6 mm - 18 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø6 mm, 18 W/m - 6.0 m	110 W	0.5 A	480 Ω
Heating cable Ø6 mm, 18 W/m - 10.5 m	190 W	0.8 A	278 Ω
Heating cable Ø6 mm, 18 W/m - 15.8 m	290 W	1.2 A	185 Ω
Heating cable Ø6 mm, 18 W/m - 21.0 m	380 W	1.7 A	139 Ω
Heating cable Ø6 mm, 18 W/m - 26.4 m	480 W	2.1 A	111 Ω
Heating cable Ø6 mm, 18 W/m - 31.4 m	570 W	2.5 A	94 Ω
Heating cable Ø6 mm, 18 W/m - 37.0 m	670 W	2.9 A	78 Ω
Heating cable Ø6 mm, 18 W/m - 42.0 m	750 W	3.3 A	71 Ω
Heating cable Ø6 mm, 18 W/m - 46.0 m	830 W	3.6 A	64 Ω
Heating cable Ø6 mm, 18 W/m - 52.0 m	940 W	4.1 A	56 Ω
Heating cable Ø6 mm, 18 W/m - 60.0 m	1060 W	4.6 A	50 Ω
Heating cable Ø6 mm, 18 W/m - 67.0 m	1210 W	5.3 A	43.6 Ω
Heating cable Ø6 mm, 18 W/m - 74.0 m	1350 W	5.9 A	39.2 Ω
Heating cable Ø6 mm, 18 W/m - 88.0 m	1580 W	6.9 A	33.4 Ω
Heating cable Ø6 mm, 18 W/m - 97.0 m	1760 W	7.6 A	30.1 Ω
Heating cable Ø6 mm, 18 W/m - 106.0 m	1920 W	8.3 A	27.6 Ω
Heating cable Ø6 mm, 18 W/m - 120.0 m	2200 W	9.6 A	24.0 Ω
Heating cable Ø6 mm, 18 W/m - 135.0 m	2450 W	10.6 A	22,0 Ω
Heating cable Ø6 mm, 18 W/m - 150.0 m	2690 W	11.7 A	19.7 Ω
Heating cable Ø6 mm, 18 W/m - 155.0 m	2800 W	12.2 A	18.9 Ω
Heating cable Ø6 mm, 18 W/m - 163.0 m	2980 W	12.9 A	17.8 Ω
Heating cable Ø6 mm, 18 W/m - 171.0 m	3090 W	13.5 A	17.1 Ω
Heating cable Ø6 mm, 18 W/m - 181.0 m	3280 W	14.3 A	16.1 Ω
Heating cable Ø6 mm, 18 W/m - 193.0 m*	3510 W	15.3 A	15.1 Ω

*Standard packaging is not available

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HEATING CABLE 6 mm

20 W/m

The 6 mm heating cable series (10, 14, 18, 20 W/m) is designed with a strong outer sheath that makes it suitable for fastening on reinforcement grid and embedding in concrete layers.

Ø6 mm 20 W/m is suitable for embedment in a self-supported concrete layer or screed with or without reinforcement grid in a minimum 30 mm thick layer.

Heating cables are available in many sizes suitable for a wide range of applications.

The cable is dual conductor construction with earth screen and drain wire.

CE

TECHNICAL DATA

Power output	20 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø6 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC
Max. permissible cable temperature	90° C
Min. construction height	30 mm
Min. bending radius	36 mm
Warranty	25 years
Approval	CE
Standard	EN60335-2-96, EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	✓
Existing floor	
In screed	✓

LINK TO OUR WEBSITE

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HEATING CABLE 6 mm - 20 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø6 mm, 20 W/m - 5.8 m	110 W	0.5 A	464 Ω
Heating cable Ø6 mm, 20 W/m - 10.0 m	200 W	0.9 A	265 Ω
Heating cable Ø6 mm, 20 W/m - 15.0 m	300 W	1.3 A	176 Ω
Heating cable Ø6 mm, 20 W/m - 20.0 m	400 W	1.7 A	132 Ω
Heating cable Ø6 mm, 20 W/m - 25.0 m	500 W	2.2 A	105 Ω
Heating cable Ø6 mm, 20 W/m - 30.0 m	590 W	2.6 A	89 Ω
Heating cable Ø6 mm, 20 W/m - 36.0 m	690 W	3.0 A	76 Ω
Heating cable Ø6 mm, 20 W/m - 40.0 m	790 W	3.4 A	67 Ω
Heating cable Ø6 mm, 20 W/m - 44.0 m	870 W	3.8 A	61 Ω
Heating cable Ø6 mm, 20 W/m - 50.0 m	980 W	4.3 A	54 Ω
Heating cable Ø6 mm, 20 W/m - 57.0 m	1120 W	4.9 A	47.3 Ω
Heating cable Ø6 mm, 20 W/m - 64.0 m	1270 W	5.5 A	41.6 Ω
Heating cable Ø6 mm, 20 W/m - 71.0 m	1410 W	6.1 A	37.6 Ω
Heating cable Ø6 mm, 20 W/m - 84.0 m	1660 W	7.2 A	31.9 Ω
Heating cable Ø6 mm, 20 W/m - 71.0 m	1830 W	8.0 A	28.8 Ω
Heating cable Ø6 mm, 20 W/m - 101.0 m	2010 W	8.8 A	26.3 Ω
Heating cable Ø6 mm, 20 W/m - 115.0 m	2300 W	10.0 A	23.0 Ω
Heating cable Ø6 mm, 20 W/m - 130.0 m	2540 W	11.1 A	20.8 Ω
Heating cable Ø6 mm, 20 W/m - 143.0 m	2820 W	12.3 A	18.7 Ω
Heating cable Ø6 mm, 20 W/m - 148.0 m	2930 W	12.7 A	18.1 Ω
Heating cable Ø6 mm, 20 W/m - 156.0 m	3110 W	13.5 A	17.0 Ω
Heating cable Ø6 mm, 20 W/m - 163.0 m	3250 W	14.1 A	16.3 Ω
Heating cable Ø6 mm, 20 W/m - 172.0 m	3460 W	15.0 A	15.3 Ω
Heating cable Ø6 mm, 20 W/m - 185.0 m	3670 W	15.9 A	14.4 Ω

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PRODUCT SHEET

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm

OUTDOOR 20, 25, 30, 30i (400V) W/m

Heatcom has developed this range of products based on a robust 7 mm cable.The products are designed for long-lasting outdoor installation with application areas such as: ice and snow melting of roofs, gutters, ramps, stairs, driveways and walkways.

In heating applications where extra power and ruggedness are needed, this range of cables would be the natural choice.

The cable fully complies with the requirements in the IEC/EN 60800 standard and has excellent UV stability.

To support the installation on roofs and gutters of these products, Heatcom has a range of different accessories.

The range of cables is divided into four effect categories that together support a wide range of different application areas.

More information on the different application areas and product details can be found on the data sheets.

ADVANTAGES:

- Suitable for various outdoor applications
- Strong design, durable
- UV-resistant
- Available in different lengths
- Made in Denmark
- Covered by a 10-year warranty

CE

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DATA SHEET

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm
20 W/m OUTDOOR

Robust cable is designed specifically for outdoor use. The cable can be used for snow and ice melting on roof surfaces and in gutters or other applications with a need for a robust design.

The cable is suitable for floor heating. This range of cables is available in various lenghts and suitable for a wide range of applications.

Shielded 2-conductor heating cable.

EN60800, IPX7, CE.

Minimum installation temperature: -15˚C.

CE

TECHNICAL DATA

Power output	20 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø7 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m, rubber cable H07
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC, UV-resistant
Max. permissible cable temperature	90° C
Min. bending radius	42 mm
Warranty	25 years (indoors) 10 years (outdoors)
Approval	CE
Standard	EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Roof surfaces	✓
Gutters, down drains	✓
Stairs, walkways	
Ramps, driveways	
Indoors in concrete	✓

LINK TO OUR WEBSITE

Version 2-072021

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PRODUCT OVERVIEW

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm - 20 W/m OUTDOOR

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø7 mm, 20 W/m - 10,5 m	210 W	0,9 A	252 Ω
Heating cable Ø7 mm, 20 W/m - 15,0 m	300 W	1,3 A	174 Ω
Heating cable Ø7 mm, 20 W/m - 21,0 m	420 W	1,8 A	127 Ω
Heating cable Ø7 mm, 20 W/m - 26,0 m	500 W	2,2 A	105 Ω
Heating cable Ø7 mm, 20 W/m - 32,0 m	630 W	2,7 A	84 Ω
Heating cable Ø7 mm, 20 W/m - 42,0 m	840 W	3,6 A	63 Ω
Heating cable Ø7 mm, 20 W/m - 50,0 m	1020 W	4,4 A	52 Ω
Heating cable Ø7 mm, 20 W/m - 62,0 m	1250 W	5,4 A	42 Ω
Heating cable Ø7 mm, 20 W/m - 69,0 m	1380 W	6,0 A	38 Ω
Heating cable Ø7 mm, 20 W/m - 89,0 m	1770 W	7,7 A	30 Ω
Heating cable Ø7 mm, 20 W/m - 105,0 m	2140 W	9,3 A	25 Ω
Heating cable Ø7 mm, 20 W/m - 123,0 m	2460 W	11,7 A	22 Ω
Heating cable Ø7 mm, 20 W/m - 150,0 m	3070 W	13,3 A	17 Ω
Heating cable Ø7 mm, 20 W/m - 194,0 m	3640 W	15,8 A	15 Ω
Heating cable Ø7 mm, 20 W/m - 237,0 m	4750 W	20,6 A	11 Ω

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DATA SHEET

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm
25 W/m OUTDOOR

Robust cable is designed specifically for outdoor use. The cable can be used for snow and ice melting on roof surfaces and in gutters or other applications with a need for a robust design.

This range of cables is available in various lenghts and suitable for a wide range of applications.

Shielded 2-conductor heating cable.

EN60800, IPX7, CE.

Minimum installation temperature: -15˚C.

CE

TECHNICAL DATA

Power output	25 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø7 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m, rubber cable H07
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC, UV-resistant
Max. permissible cable temperature	90° C
Min. bending radius	42 mm
Warranty	10 years
Approval	CE
Standard	EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Roof surfaces	✓
Gutters, down drains	✓
Stairs, walkways	✓
Ramps, driveways	✓
Indoors in concrete	

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PRODUCT OVERVIEW

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm - 25 W/m OUTDOOR

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø7 mm, 25 W/m - 9,4 m	230 W	1,0 A	226 Ω
Heating cable Ø7 mm, 25 W/m - 13,5 m	340 W	1,7 A	157 Ω
Heating cable Ø7 mm, 25 W/m - 18,7 m	470 W	2,0 A	113 Ω
Heating cable Ø7 mm, 25 W/m - 22,8 m	580 W	2,5 A	92 Ω
Heating cable Ø7 mm, 25 W/m - 28,5 m	700 W	3,1 A	75 Ω
Heating cable Ø7 mm, 25 W/m - 37,5 m	940 W	4,1 A	56 Ω
Heating cable Ø7 mm, 25 W/m - 45,0 m	1140 W	4,9 A	47 Ω
Heating cable Ø7 mm, 25 W/m - 56,0 m	1380 W	6,0 A	38 Ω
Heating cable Ø7 mm, 25 W/m - 62,0 m	1540 W	6,7 A	34 Ω
Heating cable Ø7 mm, 25 W/m - 80,0 m	1970 W	8,6 A	27 Ω
Heating cable Ø7 mm, 25 W/m - 95,0 m	2370 W	10,3 A	22 Ω
Heating cable Ø7 mm, 25 W/m - 110,0 m	3010 W	13,1 A	18 Ω
Heating cable Ø7 mm, 25 W/m - 135,0 m	3410 W	14,8 A	16 Ω

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DATA SHEET

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm
30 W/m OUTDOOR

Robust cable is designed specifically for snow and ice melting on roof surfaces and in gutters or other applications with a need for a robust design.

The cable is suitable for snow and ice melting of ramps, stairs, walkways and driveways. This range of cables is available in various lenghts and suitable for a wide range of applications.

Shielded 2-conductor heating cable.

EN60800, IPX7, CE.

Minimum installation temperature: -15˚C.

CE

TECHNICAL DATA

Power output	30 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø7 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m, rubber cable H07
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC, UV-resistant
Max. permissible cable temperature	90° C
Min. bending radius	42 mm
Warranty	10 years
Approval	CE
Standard	EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Roof surfaces	✓
Gutters, down drains	✓
Stairs, walkways	✓
Ramps, driveways	✓
Indoors in concrete	

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PRODUCT OVERVIEW

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm - 30 W/m OUTDOOR

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø7 mm, 30 W/m - 8,5 m	260 W	1,1 A	204 Ω
Heating cable Ø7 mm, 30 W/m - 12,3 m	369 W	1,6 A	143 Ω
Heating cable Ø7 mm, 30 W/m - 17,0 m	520 W	2,2 A	103 Ω
Heating cable Ø7 mm, 30 W/m - 21,0 m	620 W	2,7 A	85 Ω
Heating cable Ø7 mm, 30 W/m - 26,0 m	770 W	3,4 A	69 Ω
Heating cable Ø7 mm, 30 W/m - 34,0 m	1030 W	4,5 A	51 Ω
Heating cable Ø7 mm, 30 W/m - 41,0 m	1250 W	5,4 A	42 Ω
Heating cable Ø7 mm, 30 W/m - 51,0 m	1510 W	6,6 A	35 Ω
Heating cable Ø7 mm, 30 W/m - 56,0m	1700 W	7,4 A	31 Ω
Heating cable Ø7 mm, 30 W/m - 73,0 m	2160 W	9,4 A	24 Ω
Heating cable Ø7 mm, 30 W/m - 87,0 m	2590 W	11,2 A	20 Ω
Heating cable Ø7 mm, 30 W/m - 101,0 m	3270 W	14,2 A	16 Ω
Heating cable Ø7 mm, 30 W/m - 129,0 m	3570 W	15,5 A	15 Ω

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DATA SHEET

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm

30 W/m (400V) OUTDOOR

Robust cable is designed specifically for snow and ice melting on roof surfaces and in gutters or other applications with a need for a robust design.

The cable is suitable for snow and ice melting of ramps, stairs, walkways and driveways. This range of cables is available in various lenghts and suitable for a wide range of applications.

Shielded 2-conductor heating cable.

EN60800, IPX7, CE.

Minimum installation temperature: -15˚C.

CE

TECHNICAL DATA

Power output	30 W/m
Voltage	400 V - 50Hz
Cable diameter	Ø7 mm
Inner conductor, insulation	Silicone
Cold cable	2,5 m, rubber cable H07
Cable type	2 conductors + earth screen
Screen	Tinned copper
Outer sheath	PVC, UV-resistant
Max. permissible cable temperature	90° C
Min. bending radius	42 mm
Warranty	10 years
Approval	CE
Standard	EN60800
Tolerance resistance	-5 %/+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Roof surfaces	✓
Gutters, down drains	✓
Stairs, walkways	✓
Ramps, driveways	✓
Indoors in concrete	

LINK TO OUR WEBSITE

Version 2-072021

Heatcom Corporation A/S
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PRODUCT OVERVIEW

10 YEAR WARRANTY

SNOW AND ICE MELTING

HEATING CABLE 7 mm - 30 W/m (400V) OUTDOOR

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating cable Ø7 mm, 30 W/m 400 V - 15,0 m	440 W	1,1 A	361 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 21,5 m	640 W	1,6 A	249 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 30,0 m	880 W	2,2 A	181 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 36,0 m	1100 W	2,8 A	145 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 45,0 m	1350 W	3,4 A	119 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 59,0 m	1800 W	4,5 A	89 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 72,0 m	2150 W	5,4 A	75 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 88,0 m	2650 W	6,6 A	60 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 98,0 m	2940 W	7,4 A	54 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 125,0 m	3820 W	9,6 A	42 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 150,0 m	4540 W	11,3 A	35 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 172,0 m	5810 W	14,5 A	28 Ω
Heating cable Ø7 mm, 30 W/m 400 V - 220,0 m	6470 W	16,2 A	25 Ω

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PRODUCT SHEET

3 YEAR WARRANTY

THERMOSTAT

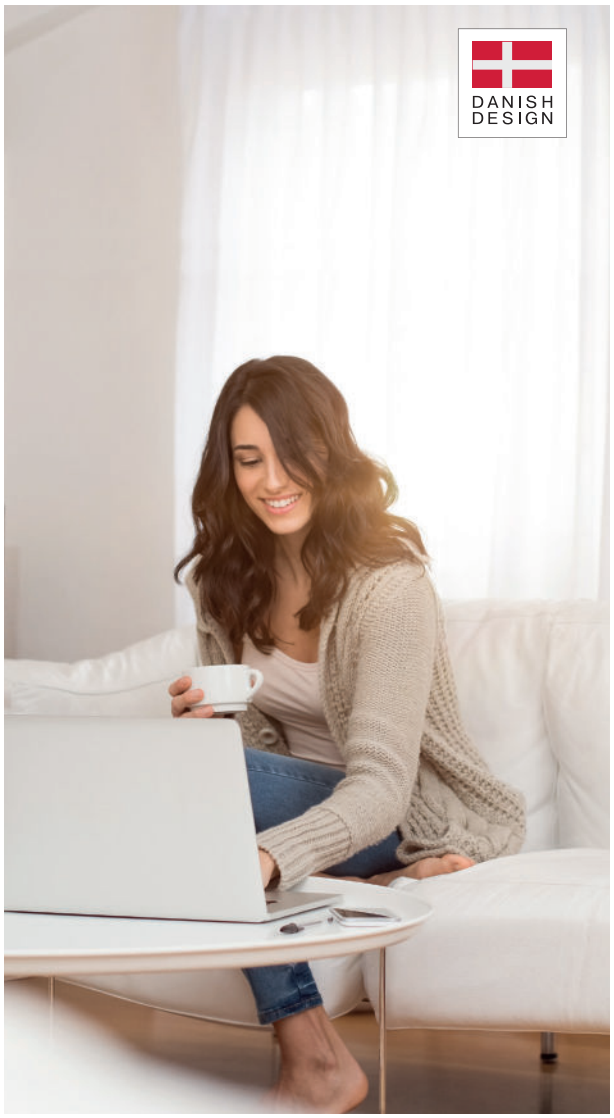
THERMOSTAT HC30M

Manual, On/Off

The thermostat is distinguished by its simplicity and intuitive design. The reliable and unpretentious model operates flawlessly even at low ambient temperatures, ensuring faultless operation of the heating system.

Simply press the power button to turn the thermostat on and then turn the temperature adjustment knob to the desired value. If the controller has been turned off for a long time, it does not need to be re-programmed, since everything remains at the values that were set previously. For convenience, the temperature range on the adjustable knob is indicated with intervals of 5 degrees.

A major benefit is the low cost of the device, especially when compared to programmable models.



ADVANTAGES

- Simple, easy-to-understand design
- Reliable
- Low price
- Long lifetime

CE

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THERMOSTAT HC30M

Manual, On/Off

HC30M is a manual On/Off thermostat with temperature setting. The temperature of the floor is controlled by a floor sensor, which is a part of the package. The adjustable dial has temperature indications. The thermostat switches on and off in a controlled cycles, depending on whether the temperature is above or below the pre-set value.

Supplied with a 2,5 m floor sensor.

CE

TECHNICAL DATA

Supply Voltage	230 V - 50-60 Hz
Max. load	16 A / 3600 W
IP class	IP21
Temperature range	+10° C ... +50° C
Sensor settings	Floor sensor
Floor sensor type	10k Ω / 25° C, 2,5 m
Terminals	1,5 mm² - 4,0 mm²
Basic Colour	Warm White
Installation Configuration	Euro back box
Dimensions	82 x 82 x 60 mm
Warranty	3 years
Standards	CE / RoHS

FEATURES

- Main switch On/Off
- Temperature indication
- Light indicator

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PRODUCT SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC30-15

Manual, advanced

DANISH DESIGN

The thermostat is a simple and intuitive manual controller with a range of hidden functions which provide additional functionality if required. The reliable and unpretentious model operates flawlessly even at low ambient temperatures, ensuring faultless operation of the heating system.

The thermostat can operate through an external floor sensor, through a built-in room sensor, or through the room sensor with a floor sensor as a temperature limiter. Temperature limitation is a required feature for wooden, parquet and laminate flooring, ensuring that deformation of the floor is prevented. The temperature in this case should not exceed +27 °C, which is highly recommended by flooring manufacturers.

The built-in power regulator for pre-setting the heating function for certain time intervals maintains steady heating.

ADVANTAGES

- Simple, intuitive design
- Extended functionality provided by hidden functions
- Monitors air and floor temperature
- Inexpensive
- Long lifetime

CE

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DATA SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC30-15

Manual, advanced

HC30-15 is a manual On/Off thermostat with temperature limitation, power regulator and light indicator. The temperature can be controlled by one of 3 options: by an external floor sensor, by the built-in room temperature sensor or in combination. The built-in power regulator for pre-setting heating function for certain time intervals maintains a steady heating function. The thermostat can be connected to the external signal to reduce of energy consumption in the night time.

Supplied with a 2,5 m floor sensor.

CE

TECHNICAL DATA

Supply Voltage	230 V - 50-60 Hz
Max. load	16 A / 3600 W
IP class	IP21
Temperature range	+10° C ... +50° C
Sensor settings	Floor / Room / Room with Floor sensor as temperature limiter
Screen type	LCD
Floor sensor type	10k Ω / 25° C, 2,5 m
Terminals	1,5 mm² - 4,0 mm²
Basic Colour	Polar white RAL 9010
Installation Configuration	Euro back box
Dimensions	82 x 82 x 60 mm
Warranty	3 years
Standards	CE / ROHS

FEATURES

- Main switch On/Off
- Temperature indication
- Light indicator
- Temperature limitation min/max
- Power regulator

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PRODUCT SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC10B

Digital, programmable, adaptive

HC10B is a simple digital programmable thermostat. A wide range of practical features, such as temperature limitation, self-learning, three options for temperature control, temporary temperature override and so on, provide easy, precise and efficient control of your electric heating system. The temperature can be controlled through one of three options: an external floor sensor, the built-in room temperature sensor or by both in combination.

The Day & Night setback of the temperature ensures a reduction of energy consumption at night, while the thermostat's adaptive function allows intelligent self-learning and ensures that the set temperature is reached by the desired time. It takes the thermostat a couple of days to calculate and adapt On and Off periods as it learns the heat profile of the room.

DANISH DESIGN

ADVANTAGES

- Simple, intuitive design
- Easy to understand menu
- Many practical features
- Monitors air and floor temperature
- Built-in schedules which can be used if desired

CE

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DATA SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC10B

Digital, programmable, adaptive

HC10B is a digital and energy efficient thermostat for temperature control of electric underfloor heating. The temperature can be controlled by one of 3 options: by an external floor sensor, by the built-in room temperature sensor or in combination. The clock function and an adaptive control ensures the temperature change according to a setting of your choice.

Supplied with a 3 m floor sensor.

CE

TECHNICAL DATA

Supply Voltage	230 V - 50-60 Hz
Max. load	16 A / 3600 W
IP class	IP30
Temperature range	+5° C ... +40° C
Sensor settings	Floor / Room / Room with Floor sensor as temperature limiter
Screen type	LCD
Floor sensor type	10k Ω / 25° C, 2,5 m
Terminals	1,5 mm² - 4,0 mm²
Basic Colour	White
Installation Configuration	Euro back box
Dimensions	81 x 81 x 45 mm
Warranty	3 years
Standards	CE / RoHS

FEATURES

- Temperature limitation min/max
- Backlight - Green
- Fuzzy Logic Learning Function
- Clock fuction - 4 events
- Weekly schedule - 3 options
- Lot 20 / Ecodesign

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PRODUCT SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC71

Digital, programmable, adaptive

Intelligent, self-learning, programmable, all-in-one thermostat HC71 ensures maximum comfort and energy-optimised operation. Despite numerous useful features which provide broad functionality, the thermostat is user-friendly – easy programming is ensured through a clear and easy-to-read menu. The main display shows: time, weekday, temperature, mode of operation and submenu.

The thermostat has a clock function and can be programmed for up to 4 events a day on one of three weekly schedules – individual for each day of the week, Mon–Fri & Sat–Sun, or a 7-days-a-week programme. In combination with an adaptive function, the thermostat provides individual temperature control according to your personal preferences. HC71 also has many other practical features, such as temperature limitation, open window detection and sensor calibration.

ADVANTAGES

- Simple operation and navigation
- Wide range of useful functions
- Monitors air and floor temperature
- Stylish polar white look
- Lot20-compliant for energy efficiency

CE

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DATA SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC71

Digital, programmable, adaptive

HC71 is a digital and energy efficient clock thermostat for temperature control of electric underfloor heating. The temperature can be controlled by one of 3 options: by an external floor sensor, by the built-in room temperature sensor or in combination. An adaptive control ensures the temperature change according to a setting of your choice.

Supplied with a 3 m floor sensor.

CE

TECHNICAL DATA

Supply Voltage	230 V - 50-60 Hz
Max. load	16 A / 3600 W
IP class	IP21
Temperature range	+5° C ... +40° C
Sensor settings	Floor / Room / Room with Floor sensor as temperature limiter
Screen type	LCD
Floor sensor type	10k Ω / 25° C, 3 m
Terminals	Max. 2,5 mm²
Basic Colour	Polar white RAL 9010
Installation Configuration	Euro back box
Dimensions	84 x 84 x 56 mm
Warranty	3 years
Standards	CE / RoHS

FEATURES

- Temperature limitation min/max
- Energy monitor
- Backlight - Blue/White
- Calibration
- Open window detection
- Child lock
- Power regulator
- Fuzzy logic learning function
- Clock fuction - 4 events
- Weekly schedule - 3 options
- Lot 20 / Ecodesign compliant

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PRODUCT SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC90

Digital, programmable, Wi-Fi

DANISH DESIGN

The thermostat consists of a new, harmonious combination of classic style, innovative technology and broad functionality. HC90 offers remote operation from anywhere in the world via your mobile device and its accompanying app, Heatcom, which will make controlling your underfloor heating system convenient and comfortable.

The thermostat is easy to use and quick to navigate. A wide range of useful features including holiday mode, temperature limitation, frost protection and weekly scheduling of a 7-day or 5+1+1 day programme allows you to regulate the heating schedule and all parameters remotely or by a touch screen for in-home control. Stylish models in black and white will fit perfectly into any room.

ADVANTAGES:

- Simple operation and navigation
- Stylish design and broad functionality
- Remote access and control via an app
- No gateway required
- Wide range of easy to use functions

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DATA SHEET

3 YEAR WARRANTY

THERMOSTAT

THERMOSTAT HC90

Digital, programmable, Wi-Fi

The HC90 is an intuitive to use programmable thermostat used to control electrical underfloor heating systems. HC90 will keep your home at a comfortable temperature while minimizing energy use. The thermostat is controlled with your smartphone via a Wi-Fi connection. Install the app "HEATCOM" on your smartphone to control your electric heating system remotely.

Supplied with a 3 m floor sensor.

TECHNICAL DATA

Supply Voltage	230 V - 50-60 Hz
Max. load	16 A / 3600 W
IP class	IP21
Temperature range	+5° C ... +50° C
Sensor settings	Floor / Room / Room with Floor sensor as temperature limiter
Screen type	Touch
Floor sensor type	10k Ω / 25° C, 3 m
Terminals	Max. 2,5 mm²
Basic Colour	White / Black
Installation Configuration	Euro back box
Dimensions	87 x 87 x 42 mm
Warranty	3 year
Standards	CE / RoHS

FEATURES

- Wi-Fi control
- Temperature limitation min/max
- Open window detection
- Key lock
- Fuzzy logic learning function
- Clock fuction - 4 events per day
- Weekly schedule - 2 options
- Holiday mode
- Lot 20 / Ecodesign compliant

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PRODUCT SHEET

5 YEAR WARRANTY

FROST PROTECTION

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

CE

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DATA SHEET

5 YEAR WARRANTY

FROST PROTECTION

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.

CE

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	✓
Inside of pipe	

ACCESSORIES

Aluminium tape

LINK TO OUR WEBSITE

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PRODUCT OVERVIEW

5 YEAR WARRANTY

FROST PROTECTION

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

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PRODUCT SHEET

5 YEAR WARRANTY

FROST PROTECTION

PLUG IN

Frost protection for pipes (inside/outside)

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.

Plug In is an energy-efficient heating cable designed to protect pipe installations from frost. The cable's special outer sheath allows installation inside pipes with drinking water, as well as traditional frost protection on the outside of the pipe. The cable's self-regulation feature will adjust the power output to the ambient temperature in order to avoid consuming more energy than necessary.

The product comes complete from the factory with a connection cable and plug, ready to be installed on site. Therefore, installing the cable is quick and does not require any special tools or connection by an electrician.

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

Advantages:

- Enables continuous water supply during periods of severe frost
- Prevents pipes from freezing
- Easy installation without the need for an electrician
- Can be fitted on the outside and inside of pipes
- Approved for installation in drinking water
- Self-regulation feature contributes to cost-effective operation
- 5-year warranty

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PRODUCT SHEET

5 YEAR WARRANTY

FROST PROTECTION

PLUG IN

Frost protection for pipes (inside/outside)

Plug In is a self-regulating heating cable designed to provide effective frost protection for pipes. The cable's self-regulating matrix lowers the power consumption of the cable as the temperature rises and, conversely, raises the power consumption at low temperatures.

The cable can be fitted on the outside of pipes as traditional frost protection but also inside pipes with drinking water. When installing on the outside of plastic pipes, it is advantageous to apply aluminium tape along the entire length of the pipe. This will ensure good heat distribution.

It is recommended that the cable be controlled by means of a thermostat with a sensor mounted under the insulation.

The cable meets the requirements of IEC / EN 62395 for frost protection in private homes and industry.

CE

TECHNICAL DATA

Nominal Power	11 W/m @10 °C
Supply voltage	230 V
Cable dimensions	10.5 mm x 5 mm (+/- 0.5 mm)
Conductor insulation	Polyolefin
Conductor dimension	2 x 0.56 mm²
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outher sheath	Polyolefin, special
Colour	Purple, RAL 4005
Cold cable	2 m with plug
Cold cable type	3G H05RN-F
Permissible cable temperature	Max. 65°C (85°C unpowered)
Min. bending radius	30 mm along the thin side
Warranty	5 years
Minimum installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance power @ 10°C	-10 %...+20 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓

ACCESSORIES

Aluminium tape
Thermostat
Brass fitting

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PRODUCT OVERVIEW

5 YEAR WARRANTY

FROST PROTECTION

PLUG IN

DESCRIPTION	OUTPUT@10°C	CURRENT	NOMINAL POWER
PlugIn 1.4 m, DK or Schuko	15 W	0.1 A	11 W/m
PlugIn 2.0 m, DK or Schuko	22 W	0.1 A	11 W/m
PlugIn 4.0 m, DK or Schuko	44 W	0.2 A	11 W/m
PlugIn 6.0 m, DK or Schuko	66 W	0.3 A	11 W/m
PlugIn 8.0 m, DK or Schuko	88 W	0.4 A	11 W/m
PlugIn 10.0 m, DK or Schuko	110 W	0.5 A	11 W/m
PlugIn 13.0 m, DK or Schuko	143 W	0.6 A	11 W/m
PlugIn 16.0 m, DK or Schuko	176 W	0.8 A	11 W/m
PlugIn 19.0 m, DK or Schuko	209 W	0.9 A	11 W/m
PlugIn 22.0 m, DK or Schuko	242 W	1.1 A	11 W/m
PlugIn 25.0 m, DK or Schuko	275 W	1.2 A	11 W/m
PlugIn 28.0 m, DK or Schuko	308 W	1.3 A	11 W/m
PlugIn 32.0 m, DK or Schuko	352 W	1.5 A	11 W/m
PlugIn 35.0 m, DK or Schuko	385 W	1.7 A	11 W/m
PlugIn 40.0 m, DK or Schuko	440 W	1.9 A	11 W/m
PlugIn 45.0 m, DK or Schuko	495 W	2.2 A	11 W/m
PlugIn 50.0 m, DK or Schuko	550 W	2.4 A	11 W/m

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PRODUCT SHEET

10 YEAR WARRANTY

FROST PROTECTION

AQUA SAFE

Frost protection for pipes, indoors and outdoors

AQUA SAFE is a compact serial resistive heating cable for frost protection of pipes.

The cable has many applications in frost protection, including drinking water, cooling water, sprinkler systems and drainage.

The special outer sheath, made of a material approved for contact with drinking water, allows the cable to be used directly in the drinking water supply as well as on the outside of the pipe.

Serial resistive heating cables have the advantage that they can be installed in very long lengths compared to self-regulating heating cables.

AQUA SAFE is available in lengths that cover most needs, and comes complete with a plug and ready to use.

The cable meets the requirements of IEC/EN 62395, which specifies requirements for frost protection in private homes and industry.

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

Advantages:

- Compact
- Installation in drinking water
- No high starting current
- LSZH outer sheath
- 10-year warranty

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DATA SHEET

10 YEAR WARRANTY

FROST PROTECTION

AQUA SAFE

Frost protection for pipes, indoors and outdoors

With its compact dimensions, this serial resistive heating cable can easily be installed inside pipes as well as outside of pipes.

The special outer sheath is made from a material approved for drinking water, and the power is adapted to cover most frost protection needs.

Once the cable has been installed, terminate with suitable insulation.

It is recommended that the cable be controlled by means of a thermostat with a sensor mounted under the insulation.

CE

TECHNICAL DATA

Nominal Power	10 W/m
Supply voltage	230 V
Heating cable dimensions	4.5 mm x 6.5 mm
Conductor insulation	Fluoropolymer
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outher sheath	Polyolefin, LSZH
Colour	Light blue, RAL 5012
Cold cable	2 m with Shuko plug
Cold cable type	3G H05RN-F
Permissible cable temperature	90 °C
Min. bending radius	28 mm along the thin side
Warranty	10 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance resistance	-5 %...+10 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓

ACCESSORIES

Aluminium tape
Thermostat
Brass fitting

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PRODUCT OVERVIEW

10 YEAR WARRANTY

FROST PROTECTION

AQUA SAFE

DESCRIPTION	OUTPUT	CURRENT	RESISTANCE
Aqua Safe, 10 W/m - 1.0 m	10 W	0.1 A	5290 Ω
Aqua Safe, 10 W/m - 2.0 m	20 W	0.1 A	2645 Ω
Aqua Safe, 10 W/m - 4.0 m	40 W	0.2 A	1325 Ω
Aqua Safe, 10 W/m - 6.0 m	60 W	0.3 A	880 Ω
Aqua Safe, 10 W/m - 8.0 m	80 W	0.3 A	660 Ω
Aqua Safe, 10 W/m - 10.0 m	100 W	0.4 A	530 Ω
Aqua Safe, 10 W/m - 12.0 m	120 W	0.5 A	440 Ω
Aqua Safe, 10 W/m - 14.0 m	140 W	0.6 A	380 Ω
Aqua Safe, 10 W/m - 16.0 m	160 W	0.7 A	330 Ω
Aqua Safe, 10 W/m - 18.0 m	180 W	0.8 A	290 Ω
Aqua Safe, 10 W/m - 20.0 m	200 W	0.9 A	265 Ω
Aqua Safe, 10 W/m - 22.0 m	220 W	1.0 A	240 Ω
Aqua Safe, 10 W/m - 24.0 m	240 W	1.0 A	220 Ω
Aqua Safe, 10 W/m - 30.0 m	300 W	1.3 A	175 Ω
Aqua Safe, 10 W/m - 40.0 m	400 W	1.7 A	130 Ω

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DATA SHEET

10 YEAR WARRANTY

FROST PROTECTION

AQUA PRO

Frost protection for pipes, indoors and outdoors

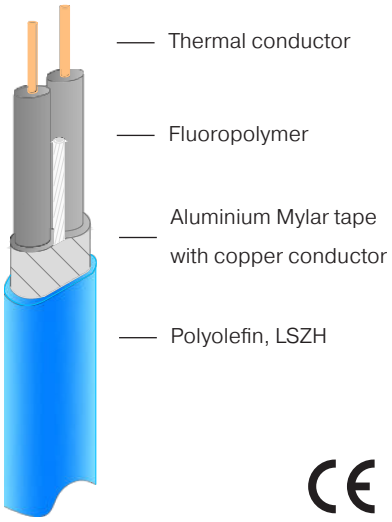
With its compact dimensions, this serial resistive heating cable can easily be installed inside and outside of pipes.

The special outer sheath is made from a material approved for contact with drinking water, and the power output has been adapted to cover most aplications within frost protection.

The cable length can be adjusted by an electrician with the additional purchase of Heatcom's termination kit.

Once the cable has been installed, terminate with suitable insulation.

It is recommended that the cable be controlled by means of a thermostat with a sensor fitted under the insulation.



CE

TECHNICAL DATA

Nominal Power	10.5–15.5 W/m
Supply voltage	230 V
Heating cable dimensions	4.5 mm x 6.5 mm
Conductor insulation	Fluoropolymer
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outher sheath	Polyolefin, LSZH
Colour	Light blue, RAL 5012
Permissible cable temperature	90 °C
Min. bending radius	28 mm (along the thin side)
Warranty	10 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance resistance	-5 %...+10 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓

ACCESSORIES

Termination kit
Thermostat
Aluminium tape
Brass fitting

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PRODUCT OVERVIEW

10 YEAR WARRANTY

FROST PROTECTION

AQUA PRO

DESCRIPTION	NOMINAL POWER	MIN. LENGTH	MAX. LENGTH
Aqua Pro, 1.52 Ω/m	10.5–15.5 W/m	47 m	57 m
Aqua Pro, 1.00 Ω/m	10.5–15.5 W/m	58 m	71 m
Aqua Pro, 0.65 Ω/m	10.5–15.5 W/m	72 m	88 m
Aqua Pro, 0.43 Ω/m	10.5–15.5 W/m	89 m	108 m
Aqua Pro, 0.285 Ω/m	10.5–15.5 W/m	109 m	132 m
Aqua Pro, 0.190 Ω/m	10.5–15.5 W/m	133 m	160 m
Aqua Pro, 0.130 Ω/m	10.5–15.5 W/m	161 m	195 m
Aqua Pro, 0.090 Ω/m	10.5–15.5 W/m	196 m	235 m

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PRODUCT SHEET

10 YEAR WARRANTY

FROST PROTECTION

PIPE ULTRA

Frost protection of pipes (inside/outside)

Pipe Ultra is a parallel resistive heating cable that provides 13 W/m. The cable has been developed by Heatcom specifically for frost protection of pipes.

The cable can be fitted on the outside of pipes as traditional frost protection, but also inside pipes with drinking water.

The special outer sheath of the cable is made of a material approved for contact with drinking water.

Parallel resistive cables combine the main advantages of both self-regulating and serial resistive cables without any disadvantages.

Adjusting the cable length is straightforward and easily done with termination kits from Heatcom.

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:

- Installation in drinking water
- Length adjustment on site
- No major starting current
- Maximum length 210 m
- 10-year warranty

CE

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DATA SHEET

10 YEAR WARRANTY

FROST PROTECTION

PIPE ULTRA

Frost protection of pipes (inside/outside)

Parallel resistive heating cable developed by Heatcom specifically for frost protection of pipes.

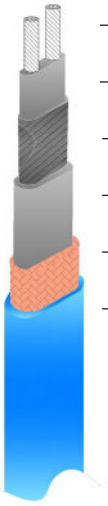
The cable can be mounted on the outside of pipes as traditional frost protection but also inside pipes with drinking water.

Adjusting the cable length is straightforward and easily done with termination kits from Heatcom.

When the cable is installed in or on e.g. a pipe, it is finished with a suitable insulating material.

It is recommended that the cable be controlled by means of a thermostat with a sensor mounted under the insulation.

Delivered on 210–300 m reels.



CE

TECHNICAL DATA

Nominal Power	13 W/m
Length of heating circuit	1000 mm
Supply voltage	230 V
Cable dimensions	10 mm x 7 mm
Conductor insulation	Silicone
Conductor dimension	2 x 2.0 mm²
Earthing	Braided copper
Cable outher sheath	Polyolefin, special
Colour	Light blue, RAL 5012
Permissible cable temperature	105 °C
Min. bending radius	40 mm along the thin side
Max. length of cable	210 m
Warranty	10 years
Minimum installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance resistance	-5 %...+10 %

APPLICATIONS

On outside of pipe	✓
Inside pipe	✓

ACCESSORIES

Termination kit
Thermostat

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PRODUCT SHEET

5 YEAR WARRANTY

SNOW AND ICE MELTING

GUTTER HEAT

Snow and ice melting on roofs and in gutters

Frozen gutters are unable to drain meltwater, which can lead to moisture damage, frost bursts and the build-up of icicles, endangering pedestrians. When properly installed in gutters and downpipes, Gutter Heat can alleviate these problems. The cable's self-regulation feature will adjust the power output to the ambient temperature in order to avoid consuming more energy than necessary.

Gutter Heat is designed for frost protection of gutters and downpipes, but can also be used on roofs. The heating cable is placed in the longitudinal direction of the gutter and held in place using Heatcom's cable clips.

If necessary, use accessories to facilitate installation and protect the cable from sharp edges, etc.

The product comes complete from the factory with a connection cable and plug, ready to be installed on site. Installing the cable is therefore quick and does not require any special tools or connection by an electrician.

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

Advantages:

- Keeps gutters and downpipes free of snow and ice
- Easy installation without special skills
- Energy-efficient solution due to the cable´s self-regulating feature
- Easy to install and dismantle
- 5-year warranty

CE

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DATA SHEET

5 YEAR WARRANTY

SNOW AND ICE MELTING

GUTTER HEAT

Snow and ice melting on roofs and in gutters

Gutter Heat is a self-limiting heating cable with a power of 25 W/m, delivered complete from the factory and ready to be installed on site. The cable comes with a plug and 2 m connecting cable made of neoprene rubber.

Gutter Heat is designed for frost protection of gutters and downpipes, but can also be used on roofs. When the heating cable is installed in the downpipe, it is held in place by spacers attached to a plastic chain, suspended from a crossbar and hanging down from the top of the downpipe.

CE

TECHNICAL DATA

Nominal Power	25 W/m @10 °C
Supply voltage	230 V
Cable dimensions	10.5 mm x 4.5 mm
Conductor insulation	Polyolefin
Conductor dimension	2 x 1.0 mm²
Earthing	Aluminium Mylar tape with copper conductor
Cable outher sheath	Polyolefin, UV-stable
Colour	Black
Cold cable	2 m with plug
Cold cable type	3G H05RN-F
Permissible cable temperature	Max. 65 °C (85 °C unpowered)
Min. bending radius	30 mm along the thin edge
Warranty	5 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance @ 10°C	-10 %...+20 %

APPLICATIONS

Roof	✓
Gutters, downpipes	✓

ACCESSORIES

Thermostat
Cable clips for gutters
Spacer clips
Metal/plastic chain
Crossbar
Edge protector

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GUTTER HEAT

DESCRIPTION	OUTPUT@10°C	CURRENT	NOMINAL POWER
Gutter Heat 6.0 m Schuko plug	150 W	0.7 A	25 W/m
Gutter Heat 10.0 m Schuko plug	250 W	1.1 A	25 W/m
Gutter Heat 12.0 m Schuko plug	300 W	1.3 A	25 W/m
Gutter Heat 15.0 m Schuko plug	375 W	1.6 A	25 W/m
Gutter Heat 20.0 m Schuko plug	500 W	2.2 A	25 W/m
Gutter Heat 25.0 m Schuko plug	625 W	2.7 A	25 W/m
Gutter Heat 30.0 m Schuko plug	750 W	3.3 A	25 W/m
Gutter Heat 40.0 m Schuko plug	1000 W	4.3 A	25 W/m
Gutter Heat 50.0 m Schuko plug	1250 W	5.4 A	25 W/m

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PRODUCT SHEET

5 YEAR WARRANTY

SNOW AND ICE MELTING

GUTTER SAFE

Snow and ice melting on roofs and in gutters

Avoid frost damage to installations and buildings caused by ice and snow accumulation in gutters and downpipes, as well as injuries caused by falling icicles.

The solution is simple – Heatcom's plug 'n' play heating cable 25 W/m with thermostat and Schuko plug for frost protection of gutters and downpipes, which turns itself on when the temperature is below +5 °C and turns off again when the temperature reaches approx. +15 °C. The heating cable is placed in the longitudinal direction of the gutter and held in place by Heatcom's cable clips – if a higher power output is required, the cable can be run back and forth again to ensure the desired output is achieved. Installation is very simple and can easily be modified as needed.

The same cable used in the gutter can be passed down into the downpipe. When the heating cable is installed in the downpipe, it is lowered and secured by means of a chain, which is fixed in the gutter by a crossbar. Spacers are fitted on the chain to secure the cable, which is returned to the top for routing in the gutter.

The cable can easily be removed at the end of winter if this is a requirement.

Advantages:

- Keeps gutters and downpipes free of snow and ice
- Easy installation without special skills
- The built-in thermostat ensures energy-efficient operation
- Low cost and simple solution for gutters and downpipes
- 5-year warranty

CE

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DATA SHEET

5 YEAR WARRANTY

SNOW AND ICE MELTING

GUTTER SAFE

Snow and ice melting on roofs and in gutters

Gutter Safe is a 2-wire Ø7 mm heating cable of 25 W/m with a fitted thermostat and Schuko plug for frost protection of gutters and downpipes. When properly installed, frost damage to installations and buildings caused by ice and snow accumulation in gutters and downpipes is avoided – as well as injuries caused by falling icicles. The thermostat turns the heat on at about 5 °C and turns it off again at about 15 °C.

The heating cable is placed in the longitudinal direction of the gutter and held in place by Heatcom's cable clips – if a higher power output is required, the cable can be run back and forth again to ensure the desired output is achieved.

The same cable used in the gutter can be passed down into the downpipe. When the heating cable is installed in the downpipe, it is held in place by spacers and a plastic chain suspended from a crossbar that hangs down from the top of the downpipe. The heating cable is connected directly to a suitable 230 V power outlet. If desired, the installation is easy to dismantle at the end of winter.

CE

TECHNICAL DATA

Nominal Power	25 W/m
Supply voltage	230 V
Cable dimensions	4.5 mm x 6.5 mm
Conductor insulation	Fluoropolymer
Earthing	Braided copper shield
Cable outher sheath	Polyolefin, special, UV-resistant
Colour	Black
Cold cable	2 m with plug
Cold cable type	3G H05VV-F
Permissible cable temperature	90 °C
Min. bending radius	25 mm, along the thin side
Warranty	5 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance resistance	-5 %...+10 %

APPLICATIONS

Roof	✓
Gutters, downpipes	✓

ACCESSORIES

Thermostat
Cable clips for gutters
Spacer clips
Metal/ plastic chain
Crossbar
Edge protector

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PRODUCT OVERVIEW

5 YEAR WARRANTY

SNOW AND ICE MELTING

GUTTER SAFE

DESCRIPTION	OUTPUT	CURRENT	RESISTANCE
Gutter Safe 1.3 m, Schuko plug	30 W	0.1 A	1630 Ω
Gutter Safe 2.5 m, Schuko plug	60 W	0.3 A	846 Ω
Gutter Safe 3.8 m, Schuko plug	100 W	0.4 A	556 Ω
Gutter Safe 5.1 m, Schuko plug	130 W	0.6 A	415 Ω
Gutter Safe 6.3 m, Schuko plug	160 W	0.7 A	336 Ω
Gutter Safe 7.6 m, Schuko plug	190 W	0.8 A	278 Ω
Gutter Safe 11.4 m, Schuko plug	290 W	1.3 A	186 Ω
Gutter Safe 12.6 m, Schuko plug	320 W	1.4 A	167 Ω
Gutter Safe 15.2 m, Schuko plug	380 W	1.7 A	139 Ω
Gutter Safe 19.0 m, Schuko plug	480 W	2.1 A	112 Ω
Gutter Safe 26.6 m, Schuko plug	670 W	2.9 A	80 Ω
Gutter Safe 37.9 m, Schuko plug	950 W	4.1 A	55.8 Ω
Gutter Safe 50.6 m, Schuko plug	1270 W	5.5 A	41.8 Ω
Gutter Safe 66.4 m, Schuko plug	1660 W	7.2 A	31.9 Ω
Gutter Safe 85.4 m, Schuko plug	2140 W	9.3 A	24.8 Ω

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DATA SHEET

5 YEAR WARRANTY

SNOW AND ICE MELTING

HEAT-ASPHALT

30 W/m for Hot Mix Asphalt

Robust cable for outdoor use for installation directly in hot mix asphalt. The heating cable can withstand 240 ˚C for a short period time. The cold lead and connections must be placed into conduit pipe to protect from the hot mix asphalt.

The cables are designed for direct pouring of Hot Asphalt application to melt snow in parking ways, drive ways, pavements, etc. Standard installation 300-350 W/m2. Wide product range from 850 W to 5000 W, in 12 sizes.

Shielded 2-conductor heating cable. EN60800, IPX7, CE.

Minimum installation temperature: -15 ˚C.

CE

TECHNICAL DATA

Power output	30 W/m
Voltage	230 V - 50Hz
Cable diameter	Ø6 mm
Inner conductor, insulation	Fluoropolymere
Cold cable	2,5 m
Cable type	2 conductors + earth screen
Screen	Alu-foil and drainwire
Outer sheath	Polyolefine
Max. temperature on cable (Hot/Cold)	240 °C/ 100 °C
Min. bending radius	42 mm
Warranty	5 years
Approval	CE
Standard	EN60800
Tolerance resistance	-5 %...+10 %
Tolerance lenght	+/- 2 %

APPLICATION

Stairs, walkways	✓
Ramps, driveways	✓

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PRODUCT OVERVIEW

5 YEAR WARRANTY

SNOW AND ICE MELTING

HEAT ASPHALT - 30 W/m

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Asphalt Heating Cable 30W/m - 29 m	850 W	3.7 A	62.2 Ω
Asphalt Heating Cable 30W/m - 38 m	1100 W	4.8 A	48.1 Ω
Asphalt Heating Cable 30W/m - 47 m	1400 W	6.1 A	37.8 Ω
Asphalt Heating Cable 30W/m - 57 m	1700 W	7.4 A	31.1 Ω
Asphalt Heating Cable 30W/m - 67 m	2000 W	8.7 A	26.5 Ω
Asphalt Heating Cable 30W/m - 75 m	2250 W	9.8 A	23.5 Ω
Asphalt Heating Cable 30W/m - 84 m	2500 W	10.9 A	21.2 Ω
Asphalt Heating Cable 30W/m - 94 m	2800 W	12.2 A	18.9 Ω
Asphalt Heating Cable 30W/m - 112 m	3350 W	14.6 A	15.8 Ω
Asphalt Heating Cable 30W/m - 134 m	4000 W	17.4 A	13.2 Ω
Asphalt Heating Cable 30W/m - 150 m	4500 W	19.6 A	11.8 Ω
Asphalt Heating Cable 30W/m - 168 m	5000 W	21.7 A	10.6 Ω

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DATA SHEET

2 YEAR WARRANTY

INDUSTRIAL

HEAT CONCURE

Concrete-curing cable

When constructing concrete structures in conditions of low temperatures and high humidity, the concrete hardening process takes longer, and heat may be needed during curing.

The power requirement for concrete curing is up to 400 W/m³. For this purpose, a heating cable with a power of 40 W/m is used.

The concrete-curing cable must be installed and controlled taking into account the current conditions. For example, if there is a requirement for a maximum temperature during curing, one can control the heating cable via a suitable thermostat.

The cable can be installed at down to -15°C. In colder weather, one option is to briefly turn the cable on and heat it up.

CE

TECHNICAL DATA

Nominal Power	40 W/m
Supply voltage	230 V
Cable dimensions	Ø5.5 mm (+/- 0.5 mm)
Conductor insulation	XLPE
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outher sheath	XLPE
Colour	Orange (RAL2004)
Cold cable	2 m with plug
Cold cable type	3G H05RN-F
Permissible cable temperature	90 °C
Min. bending radius	40 mm
Warranty	2 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 60800
Tolerance resistance	-5%.. +10%

APPLICATIONS

Concrete	✓

ACCESSORIES

Thermostat

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HEAT CONCURE CONCRETE - CURING CABLE

DESCRIPTION	OUTPUT	CURRENT	RESISTANCE
Heat ConCure Concrete-Curing Cable 10 m Shuko plug	400 W	1.7 A	132 Ω
Heat ConCure Concrete-Curing Cable 22 m Shuko plug	880 W	3.8 A	60 Ω
Heat ConCure Concrete-Curing Cable 36 m Shuko plug	1440 W	6.3 A	36.7 Ω
Heat ConCure Concrete-Curing Cable 55 m Shuko plug	2200 W	9.6 A	24.0 Ω
Heat ConCure Concrete-Curing Cable 85 m Shuko plug	3400 W	14.8 A	15.6 Ω

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