

HEATIT GVK 6W HEATING CABLE

Heating cable for underfloor heating 6W/m

Heatit GVK 6W is a flexible twin-conductor heating cable designed for comfortable and efficient underfloor heating in low-profile floor constructions. With a diameter of just 3.5 mm and an output of 6 W/m, the heating cable is particularly suitable for renovation projects and installations where minimal floor build-up height is important.

Heatit GVK 6W is easy to install and features a robust, shape-retaining outer sheath that allows the cable to be positioned and adjusted before fastening. The cable can be installed directly onto a suitable subfloor and embedded in levelling compound or concrete. Depending on the subfloor and floor covering, the total build-up height will typically range from 4 to 20 mm.

The heating cable is compatible with Heatboard8 and Heatit QuickMat, providing flexibility for different floor constructions. It can be installed using fixing strips, TF steel mesh or by fully bonding it to a suitable non-combustible substrate.

The cable features a clearly visible connection between the heating section and the cold lead, simplifying installation. It has an IPX7 protection rating and is manufactured with a lead-free, polyolefin outer sheath without hazardous toxic substances.

When combined with Heatit WIFI7 or Heatit DIN Smart, the heating cable system complies with the Ecodesign requirements of EU Regulation 2024/1103. This provides a modern electric underfloor heating solution with intelligent temperature control and energy-efficient operation.

When combined with a suitable thermostat, Heatit GVK 6W provides precise temperature control and comfortable underfloor heating.

The Heatit low-profile heating cable range is also available in 10 W/m (BVK) and 13 W/m (RVK).

PRODUCT FEATURES

- Applications:
- Technical Specifications:
- Output: 6 W/m.
- Voltage: 230VAC 50Hz.
- Cable diameter: 3.5 mm.
- IP rating: IPX7.
- Cold lead: 6 m.
- Colour: Green.
- Maximum temperature: 80°C.
- Electric underfloor heating in residential and commercial buildings.
- Renovation and upgrading of existing floors.
- Low-profile floor constructions with limited installation height.
- Comfort heating in living rooms, bedrooms, kitchens and other indoor areas.
- Underfloor heating beneath tiles, parquet, laminate and other suitable floor coverings.
- Installation in Heatboard8 and Heatit QuickMat systems.
- Other indoor underfloor heating applications requiring low linear power output.
- Product type: Twin-conductor, grounded heating cable.
- Connection: Clearly visible joint between heating cable and cold lead.
- Grounding: Copper wire with aluminium sheathing.
- Outer sheath: Shape-retaining polyolefin (PO).
- Operating ambient temperature: 0°C to 40°C.
- Storage temperature: -20°C to 50°C.
- Installation temperature: 0°C to 40°C.
- Installation: Embedded in levelling compound or concrete, or installed using compatible low-profile floor heating systems.
- Typical floor build-up height: 4–20 mm, depending on construction.
- Compatible systems: Heatboard8 and Heatit QuickMat.
- Installation environment: Indoor.
- Compliance: CE, REACH and RoHS.

PRODUCT DATA

Voltage	230VAC 50Hz
Cable type	Twin conductor, grounded
Grounding	Copper wire with alu sheating
Effect pr. meter (watt pr. running meter)	6W
Cable diameter +/- (Ø - mm)	3.5mm
Cold lead	6m
Max temperature (average)	80°C
Ambient temperature range in use	0 to 40°C
Ambient temperature range in storage (°C)	-20 to 50°C
Min/max installation temperature	0 to 40°C
Colour	Green
Outer sleeve material	Polyolefin (PO)
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE
Warranty in Norway	10 years
Warranty international	2 years
Product height-/depth	90mm
Customs number	85168000

PRODUCT COVER

Carpet floor, Cork , Flooring, Laminate floors, Parquet floors, Tiles, Vinyl, Woodchip boards

GROUND PROTECTION/RCD/THERMOSTAT

The heating cable installation must be protected by an upstream residual current device (RCD) with a tripping current not exceeding 30mA.

The heating cable installation must also be connected to an electronic thermostat that allows the heating output to be adjusted according to the required temperature.

Product Overview

Art no.	Product	Total effect	Length	Ohm-value	
10 112 48	Heatit GVK6 90W/15m 6W/m	90W	15 meter	588 Ω	
10 112 02	Heatit GVK6 180W/30m 6W/m	180W	30 meter	294 Ω	
10 112 03	Heatit GVK6 240W/40m 6W/m	240W	40 meter	220 Ω	
10 112 04	Heatit GVK6 300W/50m 6W/m	300W	50 meter	176 Ω	
10 112 05	Heatit GVK6 360W/60m 6W/m	360W	60 meter	147 Ω	
10 112 06	Heatit GVK6 420W/70m 6W/m	420W	70 meter	126 Ω	
10 112 07	Heatit GVK6 480W/80m 6W/m	480W	80 meter	110 Ω	
10 112 08	Heatit GVK6 540W/90m 6W/m	540W	90 meter	98 Ω	
10 112 09	Heatit GVK6 600W/100m 6W/m	600W	100 meter	88 Ω	
10 112 11	Heatit GVK6 720W/120m 6W/m	720W	120 meter	73 Ω	
10 112 12	Heatit GVK6 900W/150m 6W/m	900W	150 meter	59 Ω	
10 112 13	Heatit GVK6 1080W/180m 6W/m	1080W	180 meter	49 Ω	
10 112 14	Heatit GVK6 1200W/200m 6W/m	1200W	200 meter	44 Ω	

MAINTENANCE

The product is maintenance-free, but it must always be installed in compliance with the manual.

RETURN AND RECYCLING

The product must be recycled as electrical waste.

VARMEKABELDATA

Cable type	Twin conductor, grounded	Grounding	Copper wire with alu sheating
Effect pr. meter (watt pr. running meter)	6W	Cable diameter +/- (Ø - mm)	3.5mm
Cold lead	6m	Max temperature (average)	80°C

DISCLAIMER

No additional build-up is required; the heating cable is installed directly in the concrete construction. The cable can be installed on TF steel mesh, but must not be installed directly on reinforcement mesh. It can also be fully bonded to a non-combustible subfloor or fixed using installation strips.

When embedding the heating cable in concrete, the casting process must be carried out in accordance with the installation manual.

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.heatit.com or documents.heatit.com
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 GVK 6 varmekabel

TF GVK 6 heating cable

