

TFU2 300W HEATING CABLE MAT 230VAC

Heating cable for outdoor use 300W/m 230VAC

TFU2 is a robust and efficient heating cable mat designed for snow and ice melting in outdoor areas. With a heating output of 300 W/m^2, it is particularly suitable for driveways, walkways, ramps, parking areas and other locations where keeping surfaces free from snow and ice is essential.

One of the key advantages of TFU2 is its high temperature resistance of up to 270°C, allowing the heating cable mat to be installed directly in hot asphalt. This provides efficient heat transfer to the surface, shorter response times and reduced installation costs. Direct installation in asphalt eliminates the need for a separate protective layer of crushed aggregate, reducing both material consumption and installation work.

TFU2 can also be installed beneath paving stones or embedded in concrete, making it a flexible solution for a wide range of outdoor applications. With a width of 50 cm, the heating cable mat is particularly well suited for installation in wheel tracks, providing targeted heating without the need to cover the entire area. This can reduce both the installed heating capacity and energy consumption compared with heating the entire driveway.

The heating cable is UV-resistant and withstands exposure to sunlight, providing additional flexibility during installation. Its robust construction, combined with high temperature resistance and flexible installation options, makes TFU2 a practical and reliable solution for snow and ice melting in demanding Nordic winter conditions.

PRODUCT FEATURES

- Applications
- Driveways and wheel tracks.
- Walkways and pavements.
- Ramps and access roads.
- Parking areas.
- Stairs and entrances.
- Technical specifications
- Heating output: 300 W/m^2.
- Width: 50 cm.
- Other outdoor areas requiring snow and ice melting.
- Product type: Twin-conductor heating cable mat.
- Maximum installation temperature: 270°C.
- UV resistance: UV-resistant heating cable.
- Installation: Directly in hot asphalt, beneath paving stones or embedded in concrete.
- Application: Outdoor snow and ice melting.
- Heating coverage: Entire areas or selected zones.

PRODUCT COVER

Asphalt, Concrete, Pavers

Asphalt, concrete and pavers

GROUND PROTECTION/RCD/THERMOSTAT

The heating system must be equipped with an RCD with a maximum trip value of 30mA.

The heating system must be installed with an electronic thermostat for energy efficiency and temperature control.
The thermostat will also protect the installation from overheating, e.g. in the summertime.

PRODUCT DATA

Voltage	230VAC 50Hz
Cable type	Twin conductor, grounded
Effect per m^2 (watt per m^2)	300W
Cable diameter +/- (Ø - mm)	5mm
Heating Cable Mat Width	0.5m
Cold lead	5m
Max temperature (average)	80°C
Ambient temperature range in use	-30 to 40°C
Min/max installation temperature	0 to 270°C
Colour	Black
Outer sleeve material	Polyvinylechloride (PVC)
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE
Warranty in Norway	10 years
Warranty international	2 years
Product length	500mm
Product width	500mm
Product height-/depth	5mm
Customs number	85168000

Product Overview

Art no.	Product	Size	Total effect	Areal	Ohm-value
10 115 71	TFU2 230VAC 300W/1m² 300W	0.5 x 2m	300W	1 m²	176 Ω
10 115 72	TFU2 230VAC 300W/2m² 600W	0.5 x 4m	600W	2 m²	88 Ω
10 115 73	TFU2 230VAC 300W/3m² 900W	0.5 x 6m	900W	3 m²	59 Ω
10 115 74	TFU2 230VAC 300W/4m² 1200W	0.5 x 8m	1200W	4 m²	44 Ω
10 115 75	TFU2 230VAC 300W/5m² 1500W	0.5 x 10m	1500W	5 m²	35 Ω
10 115 76	TFU2 230VAC 300W/6m² 1800W	0.5 x 12m	1800W	6 m²	29 Ω
10 115 77	TFU2 230VAC 300W/7m² 2100W	0.5 x 14m	2100W	7 m²	25 Ω
10 115 78	TFU2 230VAC 300W/8m² 2400W	0.5 x 16m	2400W	8 m²	22 Ω
10 115 80	TFU2 230VAC 300W/10m² 3000W	0.5 x 20m	3000W	10 m²	18 Ω
10 115 82	TFU2 230VAC 300W/12m² 3600W	0.5 x 24m	3600W	12 m²	15 Ω
10 115 84	TFU2 230VAC 300W/14m² 4200W	0.5 x 28m	4200W	14 m²	13 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 electronic waste.

VARMEKABELDATA

Cable type	Twin conductor, grounded	Effect per m² (watt per m²)	300W
Cable diameter +/- (Ø - mm)	5mm	Heating Cable Mat Width	0.5m
Cold lead	5m	Max temperature (average)	80°C

DISCLAIMER

When installing the heating cable in cast constructions, the casting process must also be done 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.