





## **TFU2 300W HEATING CABLE MAT 230VAC**

Heating cable for outdoor use 300W/m 230VAC

TFU2 is an efficient solution for snow and ice melting. The TFU2 heating cable mat can withstand temperatures under installation up to 270°C, and it may be covered with hot asphalt without additional covering. This takes the response time down to a minimum, and eliminates the cost of covering the cables with aggregate. The TFU2 heating cable mat may also be installed underneath pavers or poured concrete. TFU2 can be used both for whole and partial covering of areas. The mat width is 50cm, which makes it very well suited for laying down in tire tracks on driveways etc.

The heating cable can be laid out to cover either part of or an entire area. The element width of 50cm makes it especially suitable for tire tracks for vehicles.

The TFU2 heating cable mat has a twin conductor cable with an output of 300W/m<sup>2</sup>.

#### **PRODUCT FEATURES**

Outdoors

- Ramps and loading zones
- Tire tracks for vehicles
- Snow and ice melting on walkways, steps, sidewalks etc.

## **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.

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230VAC 50Hz
Twin conductor, grounded
300W
5mm
0.5m
5m
80°C
-30 to 40°C
0 to 270°C
Black
Polyvinylechloride (PVC)
IPX7
EN 50575, Reach, RoHS
CE, EN 60800
10 years
2 years
5mm
500mm
500mm
85168000













#### **Product Overview**

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

#### **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.thermo-floor.no and/or documents.thermo-floor.no Heatit Controls AS can not be held liable for any type of errors or omittances in our product information. Product specifications may change without further notice.











# TFU2 300W Heating Cable Mat 230VAC can be ordered from thermofloor.no



All additional documentation are available on documents.thermo-floor.no/10115-02







