

DEVIflex™ 50T

DEVI 
by Danfoss

Make it easy,
make it DEVI

Product
is covered
by **EPD***



DEVIflex™ readymade heating mat is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (not UV resistant) fixed on the plastic mesh. Its round profile

and robust construction ensures a fast, simple and safe installation in multiple indoor floor constructions.

Heating cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

Heating mat is designed to be embedded in concrete or similar.

Cold lead connection point is protected from water ingress by a removable cap.

The cold lead is an installation cable with solid conductors ensuring fast

installation. A clearly visible connection avoids accidentally installing the heated element in the wall.

To ensure a long life-time, all mats are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our full floor extended DEVI Warranty.

*An **EPD** is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Benefits:

- Fast and easy to install
- Safe and robust
- Long life-time
- Maximum protection
- Multiple application options

Standard compliance:

- IEC60800:2009

Compliance symbols:



20
YEAR
WARRANTY



Product



Installation



Floor/Surface

Type	Value
Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screening, one cold lead
Output	50 W/m ² @ 230 V~
Max. permissible use temperature, powered	60 °C
Max. permissible use temperature, unpowered	90 °C
Cable thickness	6,9 mm
Deformation strength	1500 N
Pulling strength	400 N
Conductor insulation	XLPE
Outer sheath	PVC, red
Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
Cold lead	6 m DTCL, 3G 1,5mm ²
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP Class	IPX7

Types: DEVIflex™ 50T



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Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance	Cold lead	EAN no.
140F1420	2,3 m ²	0,75 x 3 m	452,8 Ohm	115 W	3 x 1,5 mm ²	5703466252604
140F1421	3,4 m ²	0,75 x 4,5 m	297,7 Ohm	180 W	3 x 1,5 mm ²	5703466252611
140F1422	5,2 m ²	0,75 x 6,9 m	212,9 Ohm	250 W	3 x 1,5 mm ²	5703466252628
140F1423	6,8 m ²	0,75 x 9 m	154,4 Ohm	345 W	3 x 1,5 mm ²	5703466252635
140F1424	8,8 m ²	0,75 x 11,7 m	123,7 Ohm	430 W	3 x 1,5 mm ²	5703466252642
140F1425	10,4 m ²	0,75 x 13,8 m	102,0 Ohm	520 W	3 x 1,5 mm ²	5703466252659
140F1426	11,9 m ²	0,75 x 15,9 m	87,1 Ohm	605 W	3 x 1,5 mm ²	5703466252666
140F1427	13,7 m ²	0,75 x 18,3 m	76,8 Ohm	690 W	3 x 1,5 mm ²	5703466252673
140F1428	17,1 m ²	0,75 x 22,8 m	61,1 Ohm	865 W	3 x 1,5 mm ²	5703466252680
140F1429	19,8 m ²	0,75 x 26,4 m	53,8 Ohm	985 W	3 x 1,5 mm ²	5703466252697
140F1430	23,0 m ²	0,75 x 30,6 m	45,9 Ohm	1155 W	3 x 1,5 mm ²	5703466252703
140F1431	25,7 m ²	0,75 x 34,2 m	41,1 Ohm	1285 W	3 x 1,5 mm ²	5703466252710