

DEVIcomfort™ 100T

DEVI 
by Danfoss

Make it easy,
make it DEVI

Product
is covered
by **EPD***



DEVIcomfort™ is an extremely high-quality, 360° fully screened twin conductor self-adhesive all-in-one mat with a tough

red PVC outer sheath (non UV stable). Its round profile, robust construction and low height ensures a fast, simple and safe installation which is perfect for renovating existing floors.

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

The cold lead is an installation cable with solid conductors ensuring fast installation. A clearly visible connection avoids

accidentally installing the heated cable in the wall.

To ensure a long life-time, all cables 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 DEVIwarranty™.

*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
- Self-adhesive mesh
- Low height
- Only one cold lead
- Long life-time
- Maximum protection

Standard compliance:

- IEC 60335-1: 2012 (with amendments)
- IEC 60335-2-96: 2002 (with amendments)

Compliance symbols:



20
YEAR
WARRANTY



Product



Installation



Floor/Surface

Type	Value
Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screen, one cold lead
Output	100 W/m ² @ 230 V~
Max. permissible use temperature, powered	85 °C
Max. permissible use temperature, unpowered	90 °C
Cable thickness	4 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
Cold lead	2,3 m DTWB, 2 x 1,0 mm ² , with screen
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP Class	IPX7
Set with flexpipe	Flexpipe, inner ø6,7 mm, outer ø10 mm, 2,5 m, Black

Types: set DEVIcomfort™ 100T + Flexpipe

Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance *	Cold lead	EAN no.
140F1740	0,5 m ²	0,5 x 1 m	50 W	1058,0 Ω	2 x 1,0 mm ²	5703466247570
83030502	1,0 m ²	0,5 x 2 m	100 W	529,0 Ω	2 x 1,0 mm ²	5703466162460
83030504	1,5 m ²	0,5 x 3 m	150 W	352,0 Ω	2 x 1,0 mm ²	5703466162477
83030506	2,0 m ²	0,5 x 4 m	200 W	264,0 Ω	2 x 1,0 mm ²	5703466162484
140F1741	2,5 m ²	0,5 x 5 m	250 W	211,0 Ω	2 x 1,0 mm ²	5703466247587
83030510	3,0 m ²	0,5 x 6 m	300 W	176,0 Ω	2 x 1,0 mm ²	5703466162507
83030512	3,5 m ²	0,5 x 7 m	350 W	151,0 Ω	2 x 1,0 mm ²	5703466162514
83030514	4,0 m ²	0,5 x 8 m	400 W	132,0 Ω	2 x 1,0 mm ²	5703466162521
83030516	5,0 m ²	0,5 x 10 m	500 W	105,0 Ω	2 x 1,0 mm ²	5703466162538
83030518	6,0 m ²	0,5 x 12 m	600 W	88,1 Ω	2 x 1,0 mm ²	5703466162545
140F1742	7,0 m ²	0,5 x 14 m	700 W	75,5 Ω	2 x 1,0 mm ²	5703466247594
140F1743	8,0 m ²	0,5 x 16 m	800 W	66,1 Ω	2 x 1,0 mm ²	5703466247600
83030524	9,0 m ²	0,5 x 18 m	900 W	58,7 Ω	2 x 1,0 mm ²	5703466162576
83030526	10,0 m ²	0,5 x 20 m	1000 W	52,9 Ω	2 x 1,0 mm ²	5703466162583
83030528	12,0 m ²	0,5 x 24 m	1200 W	44,1 Ω	2 x 1,0 mm ²	5703466162590

*The ohmic resistance must be within -5 to +10 % of the value labeled

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