DEVImat™ 100T

DEVI by Danfoss

Make it easy, **make it DEVI**

Product is covered by EPD*



DEVImat™ is an extremely high-quality, 360° fully screened self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3.5 mm) and robust construction ensures a fast, simple and safe installation 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 3.5 mm
- 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:

Intertek

20 YEAR WARRANTY — Product, Installation, Floor/Surface

Type	Value
Nominal voltage	230 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	100 W/m² @ 230 V~
Max. permissible use temperature, powered	115 °C
Max. permissible use temperature, unpowered	120 °C
Cable dimensions	3,0 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	100% coverage; alu-foil; 0,5 mm² tinned copper drain wire
Cold lead	4 m DTWB, 2 x 1 mm² 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 DEVImat™ 100T + Flexpipe

Click to download - BIM model

Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance **	Cold lead	EAN no.
140F0400*	0,5 m²	0,5 x 1 m	50 W	1109,5 Ω	2 x 1,0 mm²	5703466202913
140F0415	1,0 m²	0,5 x 2 m	100 W	532,2 Ω	2 x 1,0 mm²	5703466203064
140F0416	1,5 m²	0,5 x 3 m	150 W	358,1 Ω	2 x 1,0 mm²	5703466203071
140F0417	2,0 m²	0,5 x 4 m	200 W	267,0 Ω	2 x 1,0 mm²	5703466203088
140F0418	2,5 m²	0,5 x 5 m	250 W	213,6 Ω	2 x 1,0 mm²	5703466203095
140F0419	3,0 m²	0,5 x 6 m	300 W	177,8 Ω	2 x 1,0 mm²	5703466203101
140F0420	3,5 m²	0,5 x 7 m	350 W	1520 Ω	2 x 1,0 mm²	5703466203118
140F0421	4,0 m²	0,5 x 8 m	400 W	132,9 Ω	2 x 1,0 mm²	5703466203125
140F0422	5,0 m²	0,5 x 10 m	500 W	106,1 Ω	2 x 1,0 mm²	5703466203132
140F0423	6,0 m²	0,5 x 12 m	600 W	88,4 Ω	2 x 1,0 mm²	5703466203149
140F0424	7,0 m²	0,5 x 14 m	700 W	75,8 Ω	2 x 1,0 mm²	5703466203156
140F0425	8,0 m²	0,5 x 16 m	800 W	66,3 Ω	2 x 1,0 mm²	5703466203163
140F0426	9,0 m²	0,5 x 18 m	900 W	58,9 Ω	2 x 1,0 mm²	5703466203170
140F0427	10,0 m²	0,5 x 20 m	1000 W	530,0 Ω	2 x 1,0 mm²	5703466203187
140F0428	12,0 m²	0,5 x 24 m	1200 W	44,0 Ω	2 x 1,0 mm²	5703466203194

Set without flexpipe
**The ohmic resistance must be within -5 to +10 % of the value labeled*