



## DEVIcomfort™ 100T (DTIR)

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.

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™.

**20 YEAR WARRANTY**

Product Installation Floor/Surface

### Benefits:

- Fast and easy to install
- Self-adhesive mesh
- Low height
- Only one cold lead
- Long life-time
- Maximum protection

### Standard compliance:

- IEC60335-2-96

### Approvals:



Type	Value
Operation voltage	220 - 240V~
Construction	Round, twin conductor with 360° screen, one cold lead
Output	100 W/m <sup>2</sup> @ 230V~
Max. permissible use temperature, powered	85° C
Max. permissible use temperature, unpowered	90° C
Cable thickness	4 mm
Deformation strength	600N
Pulling strength	120N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0,5 mm <sup>2</sup> tinned copper drain wire
Cold lead	4 m DTWB, 2 x 1,0 mm <sup>2</sup> , earthed
Min. installation temperature	-5° C
Bending radius	50 mm
IP Class	IPX7

### Types

Item no.	Output @ 230V~	Heated area	Resistance	Dimensions (W x L)	EAN no.
83030500	50W	0.5 m <sup>2</sup>	1058.0 Ω	0.5 x 1 m	5703466162453
83030502	100W	1.0 m <sup>2</sup>	529.0 Ω	0.5 x 2 m	5703466162460
83030504	150W	1.5 m <sup>2</sup>	352.0 Ω	0.5 x 3 m	5703466162477
83030506	200W	2.0 m <sup>2</sup>	264.0 Ω	0.5 x 4 m	5703466162484
83030508	250W	2.5 m <sup>2</sup>	211.0 Ω	0.5 x 5 m	5703466162491
83030510	300W	3.0 m <sup>2</sup>	176.0 Ω	0.5 x 6 m	5703466162507
83030512	350W	3.5 m <sup>2</sup>	151.0 Ω	0.5 x 7 m	5703466162514
83030514	400W	4.0 m <sup>2</sup>	132.0 Ω	0.5 x 8 m	5703466162521
83030516	500W	5.0 m <sup>2</sup>	105.0 Ω	0.5 x 10 m	5703466162538
83030518	600W	6.0 m <sup>2</sup>	88.1 Ω	0.5 x 12 m	5703466162545
83030520	700W	7.0 m <sup>2</sup>	75.5 Ω	0.5 x 14 m	5703466162552
83030522	800W	8.0 m <sup>2</sup>	66.1 Ω	0.5 x 16 m	5703466162569
83030524	900W	9.0 m <sup>2</sup>	58.7 Ω	0.5 x 18 m	5703466162576
83030526	1000W	10.0 m <sup>2</sup>	52.9 Ω	0.5 x 20 m	5703466162583
83030528	1200W	12.0 m <sup>2</sup>	44.1 Ω	0.5 x 24 m	5703466162590