



DEVIcomfort™ 100T

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™.

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)

Approvals:



| 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 with 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 |