

## ECflex 100T

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

Cold lead connection point to power 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 Danfoss Warranty.

### Product specifications

|   |   |  |
|---|---|--|
| <b>Benefits</b> <ul style="list-style-type: none"> <li>• Fast and easy to install</li> <li>• Multiple application options</li> <li>• Safe and robust</li> <li>• Long life-time</li> <li>• Maximum protection</li> </ul><br><b>Approvals:</b><br><br><b>Standard compliance</b> <ul style="list-style-type: none"> <li>• IEC60800:2009</li> </ul> | Nominal voltage                             | 230 V~   |
|   | Construction                                | Twin conductor, one cold lead  |
|   | Output                                      | 100 W/m <sup>2</sup> @ 230 V~  |
|   | Max. permissible use temperature, powered   | 60 °C  |
|   | Max. permissible use temperature, unpowered | 90 °C  |
|   | Cable type, C-C distance                    | ECflex, 15 cm  |
|   | Cable dimensions                            | Ø 6,9 mm   |
|   | Deformation strength                        | >1500 N  |
|   | Pulling strength                            | >500 N   |
|   | Conductor insulation                        | XLPE   |
|   | Outer sheath                                | PVC, red   |
|   | Screen                                      | 100% coverage; alu-foil;<br>0,5 mm <sup>2</sup> tinned copper drain wire |
|   | Cold lead                                   | 4m DTCL, 3G (1,5 or 2,5)mm <sup>2</sup>                                  |
|   | Min. installation temperature               | -5 °C  |
|   | Bending Ø, min.                             | 50 mm  |
|   | IP Class                                    | IPX7   |
| Packaging   | Plastic bag                                 |  |

### Types: Set ECflex 100T + Synthetic nails + Tacking Clips

| Item no. | Output @ 230V~ | Heated area         | Dimensions (W x L) | Resistance, Ohm | Cold lead               | EAN no.       |
|----------|----------------|---------------------|--------------------|-----------------|-------------------------|---------------|
| 088L6353 | 120 W          | 1,1 m <sup>2</sup>  | 0,75 x 1,5 m       | 441 Ω           | 3 x 1,5 mm <sup>2</sup> | 5703466244623 |
| 088L6354 | 165 W          | 1,6 m <sup>2</sup>  | 0,75 x 2,1 m       | 311 Ω           | 3 x 1,5 mm <sup>2</sup> | 5703466245149 |
| 088L6355 | 240 W          | 2,5 m <sup>2</sup>  | 0,75 x 3,3 m       | 220 Ω           | 3 x 1,5 mm <sup>2</sup> | 5703466245156 |
| 088L6356 | 355 W          | 3,6 m <sup>2</sup>  | 0,75 x 4,8 m       | 147 Ω           | 3 x 1,5 mm <sup>2</sup> | 5703466245163 |
| 088L6357 | 445 W          | 4,3 m <sup>2</sup>  | 0,75 x 5,7 m       | 120 Ω           | 3 x 1,5 mm <sup>2</sup> | 5703466245170 |
| 088L6358 | 550 W          | 5,6 m <sup>2</sup>  | 0,75 x 7,5 m       | 96,2 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245187 |
| 088L6359 | 660 W          | 6,5 m <sup>2</sup>  | 0,75 x 8,7 m       | 82,7 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245194 |
| 088L6360 | 780 W          | 7,7 m <sup>2</sup>  | 0,75 x 10,2 m      | 67,8 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245200 |
| 088L6361 | 900 W          | 9,0 m <sup>2</sup>  | 0,75 x 12,0 m      | 58,8 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245217 |
| 088L6362 | 1120 W         | 11,0 m <sup>2</sup> | 0,75 x 14,7 m      | 47,2 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245224 |
| 088L6363 | 1350 W         | 13,5 m <sup>2</sup> | 0,75 x 18,0m       | 39,2 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245231 |
| 088L6364 | 1470 W         | 14,9 m <sup>2</sup> | 0,75 x 19,8 m      | 36,0 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245248 |
| 088L6365 | 1630 W         | 16,2 m <sup>2</sup> | 0,75 x 21,6 m      | 32,5 Ω          | 3 x 1,5 mm <sup>2</sup> | 5703466245255 |
| 088L6366 | 1810 W         | 18,2 m <sup>2</sup> | 0,75 x 24,3 m      | 29,2 Ω          | 3 x 2,5 mm <sup>2</sup> | 5703466245262 |
| 088L6367 | 2170 W         | 21,8 m <sup>2</sup> | 0,75 x 29,1 m      | 24,4 Ω          | 3 x 2,5 mm <sup>2</sup> | 5703466245279 |
| 088L6368 | 2450 W         | 24,3 m <sup>2</sup> | 0,75 x 32,4 m      | 21,6 Ω          | 3 x 2,5 mm <sup>2</sup> | 5703466245286 |