

## ECflex 50T

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.

This product is specially designed for NZEB (Nearly Zero Energy Building) house applications.


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

Cold lead connection point 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> <b>Approvals:</b>  <b>Standard compliance</b> <ul style="list-style-type: none"> <li>• IEC60800:2009</li> </ul>	Operation voltage	230 V~
	Construction	Twin conductor, one cold lead
	Output	50 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; 0,5 mm <sup>2</sup> tinned copper drain wire
	Cold lead	4m DTCL, 3G 1,5mm <sup>2</sup>
	Min. installation temperature	-5 °C
	Bending Ø, min.	50 mm
	IP Class	IPX7
Packaging	Plastic bag	

### Types: Set ECflex 50T + Synthetic nails + Tacking Clips

Item no.	Output @ 230V~	Heated area	Dimensions (W x L)	Resistance, Ohm	Cold lead	EAN no.
088L6385	117 W	2,3 m <sup>2</sup>	0,75 x 3,0 m	452,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466245439
088L6386	178 W	3,4 m <sup>2</sup>	0,75 x 4,5 m	297,7 Ω	3 x 1,5 mm <sup>2</sup>	5703466245446
088L6387	250 W	5,2 m <sup>2</sup>	0,75 x 6,9 m	212,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466245453
088L6388	340 W	6,8 m <sup>2</sup>	0,75 x 9,0 m	154,4 Ω	3 x 1,5 mm <sup>2</sup>	5703466245460
088L6389	430 W	8,8 m <sup>2</sup>	0,75 x 11,7 m	123,7 Ω	3 x 1,5 mm <sup>2</sup>	5703466247136
088L6390	520 W	10,4 m <sup>2</sup>	0,75 x 13,8 m	102,0 Ω	3 x 1,5 mm <sup>2</sup>	5703466247143
088L6391	610 W	11,9 m <sup>2</sup>	0,75 x 15,9 m	87,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466247150
088L6392	690 W	13,7 m <sup>2</sup>	0,75 x 18,3 m	76,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466247167
088L6393	865 W	17,1 m <sup>2</sup>	0,75 x 22,8 m	61,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466247174
088L6394	985 W	19,8 m <sup>2</sup>	0,75 x 26,4 m	53,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466247181
088L6395	1190 W	23,0 m <sup>2</sup>	0,75 x 30,6 m	45,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466247198
088L6396	1285 W	25,7 m <sup>2</sup>	0,75 x 34,2 m	41,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466247204