



## 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	PEX
	Outer sheath	PVC, red
	Screen	100% coverage; alu-foil; 0,5 mm <sup>2</sup> tinned copper drain wire
	Cold lead	4 m DTCL 1,5 mm <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



## ECflex 75T

ECflex readymade heating mat is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (not UV stable) 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> <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	75 W/m <sup>2</sup> @ 230 V~
	Max. permissible use temperature, powered	60 °C
	Max. permissible use temperature, unpowered	90 °C
	Cable type, G-C distance	ECflex, 15 cm
	Cable dimensions	Ø 6,9 mm
	Deformation strength	>1500 N
	Pulling strength	>500 N
	Conductor insulation	PEX
	Outer sheath	PVC, red
	Screen	100% coverage; alu-foil; 0,5 mm <sup>2</sup> tinned copper drain wire
	Cold lead	4 m DTCL 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 75T + Synthetic nails + Tacking Clips

Item no.	Output @ 230V~	Heated area	Dimensions (W x L)	Resistance, Ohm	Cold lead	EAN no.
088L6370	80 W	1,1 m <sup>2</sup>	0,75 x 1,5 m	652,5 Ω	3 x 1,5 mm <sup>2</sup>	5703466245293
088L6371	140 W	2,0 m <sup>2</sup>	0,75 x 2,7 m	373,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466245309
088L6372	255 W	3,2 m <sup>2</sup>	0,75 x 4,2 m	209,3 Ω	3 x 1,5 mm <sup>2</sup>	5703466245316
088L6373	330 W	4,5 m <sup>2</sup>	0,75 x 6,0 m	160,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466245323
088L6374	475 W	6,5 m <sup>2</sup>	0,75 x 8,7 m	111,5 Ω	3 x 1,5 mm <sup>2</sup>	5703466245330
088L6375	630 W	8,6 m <sup>2</sup>	0,75 x 11,4 m	84,4 Ω	3 x 1,5 mm <sup>2</sup>	5703466245347
088L6376	730 W	9,9 m <sup>2</sup>	0,75 x 13,2 m	72,4 Ω	3 x 1,5 mm <sup>2</sup>	5703466245354
088L6377	840 W	11,3 m <sup>2</sup>	0,75 x 15,0 m	63,0 Ω	3 x 1,5 mm <sup>2</sup>	5703466245361
088L6378	1060 W	14,0 m <sup>2</sup>	0,75 x 18,6 m	49,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466245378
088L6379	1200 W	16,2 m <sup>2</sup>	0,75 x 21,6 m	44,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466245385
088L6380	1415 W	18,7 m <sup>2</sup>	0,75 x 24,9 m	37,3 Ω	3 x 1,5 mm <sup>2</sup>	5703466245392
088L6381	1575 W	20,9 m <sup>2</sup>	0,75 x 27,9 m	33,6 Ω	3 x 1,5 mm <sup>2</sup>	5703466245408
088L6382	1880 W	25,2 m <sup>2</sup>	0,75 x 33,6 m	28,1 Ω	3 x 2,5 mm <sup>2</sup>	5703466245415
088L6383	2200 W	29,3 m <sup>2</sup>	0,75 x 39,0m	24,0 Ω	3 x 2,5 mm <sup>2</sup>	5703466245422