



ECmat 200T

ECmat is an extremely high-quality, 360° fully screened self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3,5 mm) and robust construction ensures a fast, simple and safe installation perfect for renovating existing floors.


Heating cable 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 Danfoss warranty.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Product specifications

Benefits <ul style="list-style-type: none"> • Fast and easy to install • Self-adhesive mesh • Low height - only 3,5 mm • Only one cold lead • Long life-time • Maximum protection Compliance symbols:  Standard compliance <ul style="list-style-type: none"> • IEC 60335-1: 2012 (with amendments) • IEC 60335-2-96: 2002 (with amendments) 	Nominal voltage	230 V~
	Construction	Twin conductor with 360° screening, one cold lead
	Output	200 W/m ² @ 230 V~
	Max. permissible use temperature, powered	115 °C
	Max. permissible use temperature, unpowered	120 °C
	Cable dimensions	3,0 mm
	Deformation strength	600 N
	Pulling strength	120 N
	Conductor insulation	FEP
	Outer sheath	PVDF
	Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
	Cold lead	4 m DTWB 2 x 1 mm ² with screen
	Min. installation temperature	-5 °C
	Bending Ø, min.	5 cm
IP Class	IPX7	

Types

Item no.	Output @ 230V~	Heated area	Resistance, Ohm	Dimensions (W x L)	EAN no.
088L5400	87 W	0,45 m ²	608 Ω	0,5 x 0,9 m	5703466242087
088L5405	215 W	1,05 m ²	246 Ω	0,5 x 2,1 m	5703466242094
088L5410	285 W	1,45 m ²	186 Ω	0,5 x 2,9 m	5703466242100
088L5415	430 W	2,1 m ²	123 Ω	0,5 x 4,2 m	5703466242117
088L5420	500 W	2,5 m ²	106 Ω	0,5 x 5,0 m	5703466242124
088L5425	605 W	3,1 m ²	87 Ω	0,5 x 6,2 m	5703466242131
088L5430	695 W	3,45 m ²	76 Ω	0,5 x 6,9 m	5703466242148
088L5435	845 W	4,3 m ²	63 Ω	0,5 x 8,6 m	5703466242155
088L5440	990 W	4,95 m ²	53 Ω	0,5 x 9,9 m	5703466242162
088L5445	1210 W	6,1 m ²	44 Ω	0,5 x 12,2 m	5703466242179
088L5450	1385 W	7,0 m ²	38 Ω	0,5 x 14,0 m	5703466242186
088L5455	1565 W	7,8 m ²	34 Ω	0,5 x 15,6 m	5703466242193
088L5460	1715 W	8,8 m ²	31 Ω	0,5 x 17,6 m	5703466242209
088L5465	2070 W	10,5 m ²	26 Ω	0,5 x 21 m	5703466242216