

ECflex 100T

 Product is covered by **EPD***

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 cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

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.

*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 • Multiple application options • Safe and robust • Long life-time • Maximum protection Compliance symbols:  Standard compliance <ul style="list-style-type: none"> • IEC60800:2009 	Nominal voltage	230 V~
	Construction	Twin conductor, one cold lead
	Output	100 W/m ² @ 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	400 N
	Conductor insulation	XLPE
	Outer sheath	PVC, red
	Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
	Cold lead	4m DTCL, 3G (1,5 or 2,5)mm ²
	Min. installation temperature	-5 °C
	Bending Ø, min.	5 cm
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 ²	0,75 x 1,5 m	441 Ω	3 x 1,5 mm ²	5703466244623
088L6354	165 W	1,6 m ²	0,75 x 2,1 m	311 Ω	3 x 1,5 mm ²	5703466245149
088L6355	240 W	2,5 m ²	0,75 x 3,3 m	220 Ω	3 x 1,5 mm ²	5703466245156
088L6356	355 W	3,6 m ²	0,75 x 4,8 m	147 Ω	3 x 1,5 mm ²	5703466245163
088L6357	445 W	4,3 m ²	0,75 x 5,7 m	120 Ω	3 x 1,5 mm ²	5703466245170
088L6358	550 W	5,6 m ²	0,75 x 7,5 m	96,2 Ω	3 x 1,5 mm ²	5703466245187
088L6359	660 W	6,5 m ²	0,75 x 8,7 m	82,7 Ω	3 x 1,5 mm ²	5703466245194
088L6360	780 W	7,7 m ²	0,75 x 10,2 m	67,8 Ω	3 x 1,5 mm ²	5703466245200
088L6361	900 W	9,0 m ²	0,75 x 12,0 m	58,8 Ω	3 x 1,5 mm ²	5703466245217
088L6362	1120 W	11,0 m ²	0,75 x 14,7 m	47,2 Ω	3 x 1,5 mm ²	5703466245224
088L6363	1350 W	13,5 m ²	0,75 x 18,0m	39,2 Ω	3 x 1,5 mm ²	5703466245231
088L6364	1470 W	14,9 m ²	0,75 x 19,8 m	36,0 Ω	3 x 1,5 mm ²	5703466245248
088L6365	1630 W	16,2 m ²	0,75 x 21,6 m	32,5 Ω	3 x 1,5 mm ²	5703466245255
088L6366	1810 W	18,2 m ²	0,75 x 24,3 m	29,2 Ω	3 x 2,5 mm ²	5703466245262
088L6367	2170 W	21,8 m ²	0,75 x 29,1 m	24,4 Ω	3 x 2,5 mm ²	5703466245279
088L6368	2450 W	24,3 m ²	0,75 x 32,4 m	21,6 Ω	3 x 2,5 mm ²	5703466245286