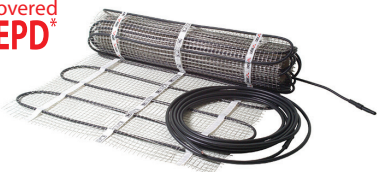


# DEVlasphalt™ 300T - 230 V & 400 V

**DEVI**   
by Danfoss

Make it easy,  
make it DEVI

Product  
is covered  
by **EPD\***



DEVlasphalt™ is an extremely high-quality, 360° fully screened twin conductor heating

mat with a very robust outer sheath (UV stable), designed especially for embedding in mastic or asphalt concrete (road asphalt). Heating mat must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

The cold lead has solid conductors ensuring fast installation with a clearly visible connection.

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 extended DEVIwarranty™.

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

## Benefits:

- Fast and easy to install
- Asphalt applications
- Very robust
- Long life-time
- Maximum protection
- UV stable
- PVC free

## Standard compliance:

- IEC60800:2009

## Compliance symbols:



Type	Value
Nominal voltage	230 and 400 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	300 W/m <sup>2</sup>
Max. permissible use temperature, powered	60°C
Max. permissible use temperature, unpowered	90°C
Max. short term installation temperature (up to 15 minutes)	240°C
Cable thickness	7 mm
Deformation strength	>1500 N
Pulling strength	> 300 N
Conductor insulation	FEP
Outer sheath	XLPO
Screen	1 mm <sup>2</sup> tinned Cu + aluminium foil
Cold lead	10 m or 30 m, DTWK 2 x 2,5 mm <sup>2</sup> with screen
Min. installation temperature	-5°C
Bending Ø, min.	5 cm
IP Class	IPX7

## Types: DEVlasphalt™ 300T - 230 V with cold lead 10 m

Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance *	Cold lead	EAN no.
140F0660	1.0 m <sup>2</sup>	0.5 x 2.0 m	290 W	181,3 Ω	2 x 2,5 mm <sup>2</sup>	5703466233184
140F0661	2.0 m <sup>2</sup>	0.5 x 4.0 m	620 W	85,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466233191
140F0662	4.1 m <sup>2</sup>	0.5 x 8.2 m	1210 W	43,8 Ω	2 x 2,5 mm <sup>2</sup>	5703466233207
140F0663	4.9 m <sup>2</sup>	0.5 x 9.8 m	1460 W	36,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466233214
140F0664	6.2 m <sup>2</sup>	0.5 x 12.4 m	1885 W	28,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466233221
140F0665	6.9 m <sup>2</sup>	0.5 x 13.8 m	2080 W	25,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466233238
140F0666	8.3 m <sup>2</sup>	0.5 x 16.6 m	2470 W	21,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466233245
140F0667	11.0 m <sup>2</sup>	0.5 x 22.0 m	3285 W	16,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466233252
140F0668	12.4 m <sup>2</sup>	0.5 x 24.8 m	3700 W	14,3 Ω	2 x 2,5 mm <sup>2</sup>	5703466233269

\*The ohmic resistance must be within -5 to +10 % of the value labeled

**Types: DEVIasphalt™ 300T - 400 V with cold lead 10 m**

Item no.	Heated area	Dimensions (W x L)	Output @ 400V~	Resistance *	Cold lead	EAN no.
83900162	1,70 m <sup>2</sup>	0,5 x 3,4 m	525 W	306,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466192689
83900163	3,50 m <sup>2</sup>	0,5 x 7,0 m	1080 W	147,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466192696
83900164	5,90 m <sup>2</sup>	0,5 x 11,8 m	1775 W	90,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466192702
83900165	7,90 m <sup>2</sup>	0,5 x 15,8 m	2315 W	69,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466192719
83900166	2,40 m <sup>2</sup>	0,75 x 3,2 m	700 W	228,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466192726
83900167	3,60 m <sup>2</sup>	0,75 x 4,8 m	1050 W	152,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466192733
83900168	6,00 m <sup>2</sup>	0,75 x 8,0 m	1750 W	91,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466192740
83900169	8,25 m <sup>2</sup>	0,75 x 11,0 m	2630 W	60,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466192757
83900170	9,75 m <sup>2</sup>	0,75 x 13,0 m	2890 W	55,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466192764
83900171	12,00 m <sup>2</sup>	0,75 x 16,0 m	3625 W	44,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466192771
83900172	14,55 m <sup>2</sup>	0,75 x 19,4 m	4270 W	37,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466192788
83900173	19,05 m <sup>2</sup>	0,75 x 25,4 m	5740 W	27,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466192795
83900174	21,15 m <sup>2</sup>	0,75 x 28,2 m	6560 W	24,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466192801
83900175	6,00 m <sup>2</sup>	1,00 x 6,0 m	1745 W	91,7 Ω	2 x 2,5 mm <sup>2</sup>	5703466192818
83900176	12,00 m <sup>2</sup>	1,00 x 12,0 m	3625 W	44,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466192825
83900177	14,80 m <sup>2</sup>	1,00 x 14,8 m	4200 W	38,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466192832
83900178	19,00 m <sup>2</sup>	1,00 x 19,0 m	5760 W	27,8 Ω	2 x 2,5 mm <sup>2</sup>	5703466192849

\*The ohmic resistance must be within -5 to +10 % of the value labeled

**Types: DEVIasphalt™ 300T - 400 V with cold lead 30 m**

Item no.	Heated area	Dimensions (W x L)	Output @ 400V~	Resistance *	Cold lead	EAN no.
140F0601	1,70 m <sup>2</sup>	0,5 x 3,4 m	520 W	306,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466229057
140F0602	3,50 m <sup>2</sup>	0,5 x 7,0 m	1080 W	147,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466229064
140F0603	5,90 m <sup>2</sup>	0,5 x 11,8 m	1775 W	90,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466229071
140F0604	7,90 m <sup>2</sup>	0,5 x 15,8 m	2315 W	69,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466229088
140F0605	2,40 m <sup>2</sup>	0,75 x 3,2 m	700 W	228,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466229095
140F0606	3,60 m <sup>2</sup>	0,75 x 4,8 m	1050 W	152,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466229101
140F0607	6,00 m <sup>2</sup>	0,75 x 8,0 m	1750 W	91,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466229118
140F0608	8,25 m <sup>2</sup>	0,75 x 11,0 m	2630 W	60,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466229125
140F0609	9,75 m <sup>2</sup>	0,75 x 13,0 m	2890 W	55,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466229132
140F0610	12,00 m <sup>2</sup>	0,75 x 16,0 m	3625 W	44,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466229149
140F0611	14,55 m <sup>2</sup>	0,75 x 19,4 m	4270 W	37,5 Ω	2 x 2,5 mm <sup>2</sup>	5703466229156
140F0612	19,05 m <sup>2</sup>	0,75 x 25,4 m	5740 W	27,9 Ω	2 x 2,5 mm <sup>2</sup>	5703466229163
140F0613	21,15 m <sup>2</sup>	0,75 x 28,2 m	6560 W	24,4 Ω	2 x 2,5 mm <sup>2</sup>	5703466229170
140F0614	6,00 m <sup>2</sup>	1,00 x 6,0 m	1745 W	91,7 Ω	2 x 2,5 mm <sup>2</sup>	5703466229187
140F0615	12,00 m <sup>2</sup>	1,00 x 12,0 m	3625 W	44,2 Ω	2 x 2,5 mm <sup>2</sup>	5703466229194
140F0616	14,80 m <sup>2</sup>	1,00 x 14,8 m	4200 W	38,1 Ω	2 x 2,5 mm <sup>2</sup>	5703466229200
140F0617	19,00 m <sup>2</sup>	1,00 x 19,0 m	5760 W	27,8 Ω	2 x 2,5 mm <sup>2</sup>	5703466229217

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**Accessories**

Item no.	Type	EAN no.
18055355	DEVicrimp repair kit 2-cond. DEVIasphalt	5703466229057