

Heat-Guard 70-300i (400 V)

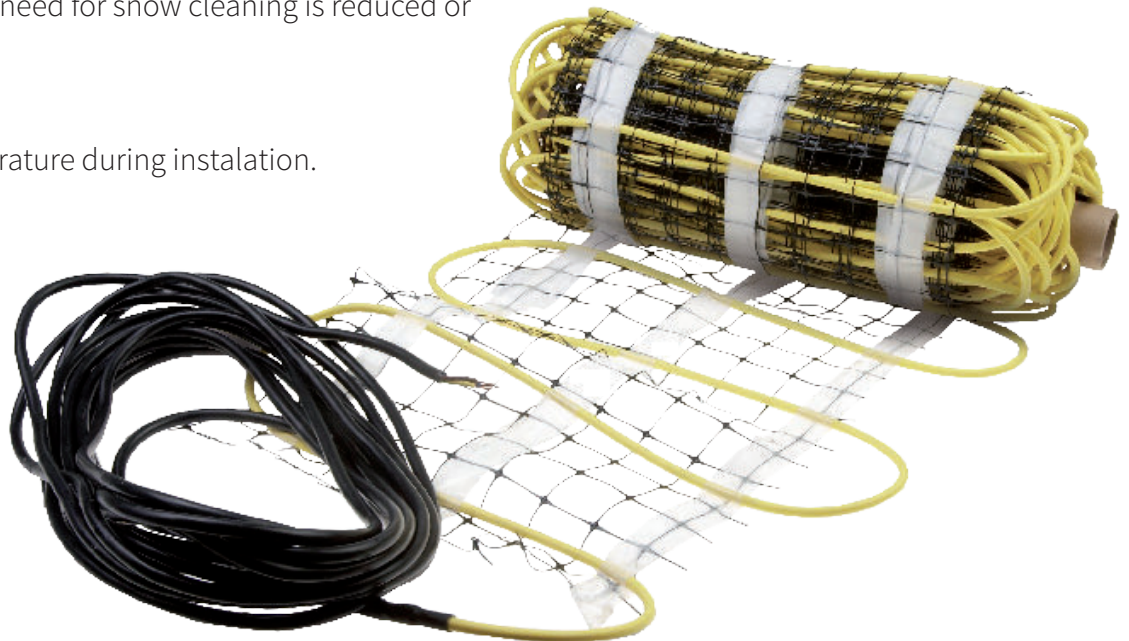
Outdoor heating mat

Robust heating mat to be used outdoors, where the cable can be applied under tiles, in the ground, in cold asphalt on concrete, for ice and snow melting on walking and driving areas.

At the same time, the need for snow cleaning is reduced or eliminated.

IPX7, CE

Min. 5 °C cable temperature during installation.



Technical Data



Voltage	400 V ~ 50 Hz
Cable Diameter	Ø7 mm
Insulation inner Sheath	Teflon
Authorisation	CE
Cable Buildup	2 conductors + ground shield
Ground shield	Tinned Copper
Outer Sheath	PVC
Max. temp. on Cable	70 °C
Building Height	Min. 50 mm
Warranty	3 years
Standard	EN60800
Resistance Tolerance	-5 %/+10 %

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Item	Type	Description	Power	Current	Resistance
	HM70E300I-024-04	7 mm Mat 300 W/m ² 2.4 m ² 0.4x6.0 m	720 W	1.8 A	222 Ω
	HM70E300I-032-04	7 mm Mat 300 W/m ² 3.2 m ² 0.4x8.0 m	960 W	2.4 A	167 Ω
	HM70E300I-040-04	7 mm Mat 300 W/m ² 4.0 m ² 0.4x10 m	1200 W	3.0 A	133 Ω
	HM70E300I-048-04	7 mm Mat 300 W/m ² 4.8 m ² 0.4x12 m	1440 W	3.6 A	111 Ω
	HM70E300I-056-04	7 mm Mat 300 W/m ² 5.6 m ² 0.4x14 m	1680 W	4.2 A	95 Ω
	HM70E300I-064-04	7 mm Mat 300 W/m ² 6.4 m ² 0.4x16 m	1920 W	4.8 A	83 Ω
	HM70E300I-072-04	7 mm Mat 300 W/m ² 7.2 m ² 0.4x18 m	2160 W	5.4 A	74 Ω
	HM70E300I-080-04	7 mm Mat 300 W/m ² 8.0 m ² 0.4x20 m	2400 W	6.0 A	67 Ω
	HM70E300I-088-04	7 mm Mat 300 W/m ² 8.8 m ² 0.4x22.0 m	2640 W	11,5 A	20 Ω
	HM70E300I-096-04	7 mm Mat 300 W/m ² 9.6 m ² 0.4x24.0 m	2880 W	12,5 A	18 Ω
	HM70E300I-104-04	7 mm Mat 300 W/m ² 10.4 m ² 0.4x26.0 m	3120 W	13,6 A	17 Ω
	HM70E300I-112-04	7 mm Mat 300 W/m ² 11.2 m ² 0.4x28.0 m	3360 W	14,6 A	16 Ω
	HM70E300I-080-08	7 mm Mat 300 W/m ² 8.0 m ² 0.8x10 m	2400 W	6.0 A	67 Ω
	HM70E300I-096-08	7 mm Mat 300 W/m ² 9.6 m ² 0.8x12 m	2880 W	7.2 A	56 Ω
	HM70E300I-112-08	7 mm Mat 300 W/m ² 11.2 m ² 0.8x14 m	3360 W	8.4 A	48 Ω
	HM70E300I-128-08	7 mm Mat 300 W/m ² 12.8 m ² 0.8x16 m	3840 W	9.6 A	42 Ω
	HM70E300I-144-08	7 mm Mat 300 W/m ² 14.4 m ² 0.8x18 m	4320 W	10.8 A	37 Ω