



## DEVIheat™ 100S (DSVF)

DEVIheat™ is an high-quality, braided screen, self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, very low height (only 2.5 mm) and robust construction ensures a fast, simple and safe installation perfect for renovating existing floors.

The two cold leads have clearly visible connections to avoid 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 DEVIwarranty™.

### Benefits:

- Fast and easy to install
- Self-adhesive mesh
- Very low height - only 2.5 mm
- Long life-time

### Standard compliance:

- IEC60335-2-96

### Approvals:



Type	Value
Operation voltage	220 - 240V~
Construction	Round, single conductor with screen, two cold leads
Output	100 W/m <sup>2</sup> @ 230V~
Max. permissible use temperature, powered	110° C
Max. permissible use temperature, unpowered	120° C
Cable thickness	2.5 mm
Deformation strength	600N
Pulling strength	120N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	10 x CU threads
Cold lead	4 m DSWB, 1 x 1,0 mm <sup>2</sup> , earthed
Min. installation temperature	-5° C
Bending radius	50 mm
IP Class	IPX7

### Types

Item no.	Output @ 230V~	Heated area	Resistance	Dimensions (W x L)	EAN no.
140F0300	50 W	0.5 m <sup>2</sup>	1058 Ω	0.5 x 1 m	5703466202494
140F0301	100 W	1.0 m <sup>2</sup>	529 Ω	0.5 x 2 m	5703466202500
140F0302	150 W	1.5 m <sup>2</sup>	352 Ω	0.5 x 3 m	5703466202517
140F0303	200 W	2.0 m <sup>2</sup>	264 Ω	0.5 x 4 m	5703466202524
140F0304	250 W	2.5 m <sup>2</sup>	211 Ω	0.5 x 5 m	5703466202531
140F0305	300 W	3.0 m <sup>2</sup>	176 Ω	0.5 x 6 m	5703466202548
140F0306	350 W	3.5 m <sup>2</sup>	151 Ω	0.5 x 7 m	5703466202555
140F0307	400 W	4.0 m <sup>2</sup>	132 Ω	0.5 x 8 m	5703466202562
140F0308	500 W	5.0 m <sup>2</sup>	106 Ω	0.5 x 10 m	5703466202579
140F0309	600 W	6.0 m <sup>2</sup>	88 Ω	0.5 x 12 m	5703466202586
140F0310	700 W	7.0 m <sup>2</sup>	76 Ω	0.5 x 14 m	5703466202593
140F0311	800 W	8.0 m <sup>2</sup>	66 Ω	0.5 x 16 m	5703466202609
140F0312	900 W	9.0 m <sup>2</sup>	59 Ω	0.5 x 18 m	5703466202616
140F0313	1000 W	10.0 m <sup>2</sup>	53 Ω	0.5 x 20 m	5703466202623