

MILLIMAT/100, heating cable mat 100 W/m²

Contact
Heating cables
varme@nexans.com

MILLIMAT/100 HS

Heating cable mat for thin floor constructions.

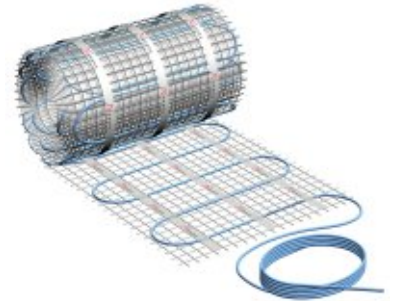
DESCRIPTION

MILLIMAT® 100W/m² is ideal for both renovation and new building projects. The heating cable mat consists of a twin conductor heating cable attached to a thin adhesive flexible fiberglass net. Products marked with "HS" are delivered with a cold lead seamlessly integrated with the heating cable itself from the factory. Products without the "HS" marking come with a manual splice between the cold lead and the heating cable itself.

IP-class, end seal : IPX7

Total mat thickness (incl. heating cable + net) : 4.5 mm

The MILLIMAT® 100W/m² is recommended for living rooms, hallways, kitchens and room alike. The mat can be installed on any type of subfloor (levelled and stable). The mat is designed to be embedded into concrete or screed. Floor covering can be tiles, stone, vinyl, parquet, laminate etc. When using parquet/laminate or other materials sensible to heat it is recommended to use a limiting thermostat with a floor sensor, to avoid high temperatures. The heating cable mat is adjusted to the room shape by cutting the net. Please see installation instruction for further details.



STANDARDS

International EN 50265;
IEC 60332-1; IEC 60335-2-96

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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The Nexans logo features a stylized red 'N' followed by the word 'Nexans' in a black, sans-serif font.

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CHARACTERISTICS

Construction characteristics

Type of conductor	Resistance alloy, solid
Insulation	FEP
Drain wire	Solid tinned copper
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	PVC

Dimensional characteristics

Mat width	0.5 m
Thickness	4.5 mm














Electrical characteristics



Nominal area output	100 W/m ²
Operating voltage	230 V

Usage characteristics

Length of cold lead	2.5 m
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PRODUCT LIST

Nexans ref.	Country ref.	Name	Mat area [m ²]	Mat length [m]	Min room area [m ²]	Approx. net weight [kg]
 10143274	1008161	MILLIMAT/100 100W 1,0 m ²	1	2	1.2	0.7
 10143276	1008162	MILLIMAT/100 150W 1,5 m ²	1.5	3	1.8	0.9
 10143277	1008163	MILLIMAT/100 200W 2,0 m ²	2	4	2.3	1.2
 10143278	1008164	MILLIMAT/100 250W 2,5 m ²	2.5	5	2.8	1.4
 10143279	1036502	MILLIMAT/100 300W 3,0 m ²	3	6	3.4	1.7
 10167423	1036503	MILLIMAT/100 HS 350W 3,5 m ²	3.5	7	3.9	1.9
 10167644	1036504	MILLIMAT/100 HS 400W 4,0 m ²	4	8	4.5	2.3
 10167645	1036505	MILLIMAT/100 HS 500W 5,0 m ²	5	10	5.6	2.8
 10167646	1036506	MILLIMAT/100 HS 600W 6,0 m ²	6	12	6.7	3.5
 10167647	1036507	MILLIMAT/100 HS 700W 7,0 m ²	7	14	7.8	3.9
 10167648	1036508	MILLIMAT/100 HS 800W 8,0 m ²	8	16	8.9	4.6
 10167649	1036510	MILLIMAT/100 HS 1000W 10,0 m ²	10	20	11.1	5.7
 10167650	1036511	MILLIMAT/100 HS 1200W 12,0 m ²	12	24	13.3	7.2

 = Make to order,  = In stock

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