

# MILLIMAT/150, heating cable mat 150 W/m<sup>2</sup>

Contact  
Heating cables  
varme@nexans.com

## MILLIMAT/150 HS

Heating cable mat for thin floor constructions.

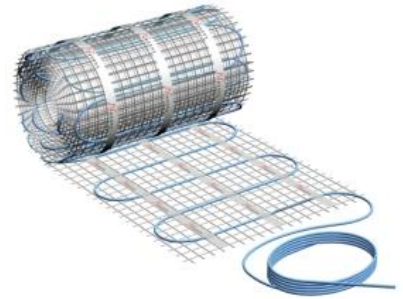
## DESCRIPTION

MILLIMAT® 150W/m<sup>2</sup> 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 fibreglass 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

MILLIMAT® 150W/m<sup>2</sup> is recommended for bathrooms, toilets, laundry rooms and other areas requiring high output. The mat must be installed on a non-combustible subfloor, levelled and stable. The mat is designed to be embedded into concrete or screed. The floor covering must be non-combustible and can be tiles, stone, vinyl, etc. The heating cable mat is adjusted to the room shape by cutting the net. Please see installation instructions for further details.



## STANDARDS

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

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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

Operating voltage	230 V
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### Usage characteristics

Length of cold lead	2.5 m
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## PRODUCT LIST

Nexans ref.	Country ref.	Name	Mat length [m]	Mat area [m <sup>2</sup> ]	Min room area [m <sup>2</sup> ]	Approx. net weight [kg]
 10224766	1008165	MILLIMAT/150 150W 1,0m <sup>2</sup>	2	1	1.2	1.1
 10224783	1008166	MILLIMAT/150 225W 1,5m <sup>2</sup>	3	1.5	1.8	1.8
 10224784	1036522	MILLIMAT/150 300W 2,0 m <sup>2</sup>	4	2	2.3	1.5
 10224785	1036523	MILLIMAT/150 HS 375W 2,5 m <sup>2</sup>	5	2.5	2.8	1.7
 10224786	1036524	MILLIMAT/150 HS 450W 3,0 m <sup>2</sup>	6	3	3.4	2.2
 10224787	1036525	MILLIMAT/150 HS 525W 3,5 m <sup>2</sup>	7	3.5	3.9	2.4
 10224788	1036526	MILLIMAT/150 HS 600W 4,0 m <sup>2</sup>	8	4	4.5	2.9
 10224789	1036527	MILLIMAT/150 HS 750W 5,0 m <sup>2</sup>	10	5	5.6	3.4
 10224790	1036528	MILLIMAT/150 HS 900W 6,0 m <sup>2</sup>	12	6	6.7	4.4
 10224791	1036529	MILLIMAT/150 HS 1050W 7,0 m <sup>2</sup>	14	7	7.8	5.0
 10224792	1036531	MILLIMAT/150 HS 1200W 8,0 m <sup>2</sup>	16	8	8.9	5.9
 10224793	1008167	MILLIMAT/150 HS 1500W 10,0 m <sup>2</sup>	20	10	11.1	7.0
 10224794	1008168	MILLIMAT/150 HS 1800W 12,0 m <sup>2</sup>	24	12	13.3	9.0

 = Make to order,  = In stock

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.

Version V2.3 Generated 7/17/19 www.nexans.no Page 2 / 2

