

# SNOWMAT/300, heating cable mat 300 W/m<sup>2</sup>

SNOWMAT/300 2150 W

Contact  
Heating cables  
varme@nexans.com

**International Designation:** SNOWMAT/300 2150 W

**Nexans ref.:** 10035245

**Country ref.:** 1034208

**EAN 13:** 7045210026429

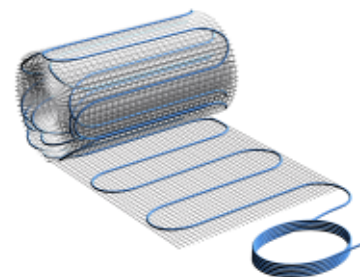
Twin conductor heating cable mat for snow melting applications

## DESCRIPTION

SNOWMAT is ideal for quick installation of snow and ice melting applications in outdoor areas such as driveways, courts etc. Can be installed in hot asphalt 160 °C (320 °F), concrete or flagstone and sand.

Comprises a twin conductor heating cable unit attached to a thin and flexible glass fibre net. Mat widths 40 cm for wheel tracks and 80 cm for larger areas.

IP-class, end seal: IPX7



## DECLARATION OF PERFORMANCE

Reaction to fire: E<sub>ca</sub>  
according to EN50575:2014  
+A1:2016

## STANDARDS

**International** EN 50265;  
IEC 60332-1; IEC 60800

## CHARACTERISTICS

### Construction characteristics

Insulation	XLPE (chemical)
Drain wire	Bare copper
Outer sheath	PVC
Sheath colour	Blue
Type of conductor	Resistance alloy, solid
Screen	Conductive polymer
Type of splice	Intergrated/hidden
Number of conductors	2



Reaction to fire  
E<sub>ca</sub>



Type of splice  
Intergrated/hidden



Flame retardant  
IEC 60332-1

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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## Dimensional characteristics

Mat length	17.4 m
Mat area	7 m <sup>2</sup>
Mat width	0.4 m
Approximate net weight	5.8 kg
Nominal outer diameter	7.5 mm

## Electrical characteristics

Min. element resistance	23.4 Ohm
Nominal element resistance	24.6 Ohm
Max. element resistance	27.1 Ohm
Operating voltage	230 V
Nominal area output	300 W/m <sup>2</sup>
Nominal output	2150 W

## Usage characteristics

Length of cold lead	10 m
Power per meter	30 W/m
Max. temperature energized, outer sheath	65 °C
Element length	72 m
Flame retardant	IEC 60332-1
Output	30 W/m



Reaction to fire  
E<sub>ca</sub>



Type of splice  
Integrated/hidden



Flame retardant  
IEC 60332-1

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