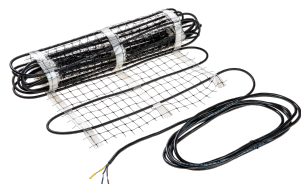


# WinterGard Mat/Mesh



nVent RAYCHEM WinterGard Mat/Mesh (\*) are constant output heating mats for fast and effective ramp and access way heating, to prevent snow and ice formation. Pre-defined power and pre-terminated, available in varying fixed lengths for installation on concrete, screed and asphalt.

## FEATURES

Simple to design: pre-defined power output

Easy to install: pre-terminated mats, in various sizes , each with power cable

Safe and efficient in operation through advanced energy saving controls

Reliable and maintenance free

For embedding in concrete, sand bed or in asphalt

## SPECIFICATIONS

<b>Outer Diameter:</b>	0.27 in
<b>Conductor Quantity:</b>	2
<b>Cold Lead Length:</b>	16.4 ft
<b>Min Installation Temperature:</b>	23 °F
<b>Max Continuous Exposure Temperature, Power Off:</b>	149 °F
<b>Color:</b>	Black
<b>Heating Cable Technology:</b>	Constant Wattage
<b>Ground Path Type:</b>	Foil and Drainwire
<b>Outer Jacket Material:</b>	Polyolefin

Table 1/1

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 120V	Nominal Power Output @ 240V	Length	Width
2000002994	WM1-0205	120 V	50 W/ft²		5 ft	2 ft

CatalogNumber	Item Name	Supply Voltage	Nominal Power Output @ 120V	Nominal Power Output @ 240V	Length	Width
2000002995	WM1-0210	120 V	50 W/ft <sup>2</sup>		10 ft	2 ft
2000002996	WM1-0215	120 V	50 W/ft <sup>2</sup>		15 ft	2 ft
2000002997	WM1-0220	120 V	50 W/ft <sup>2</sup>		20 ft	2 ft
2000002998	WM1-0225	120 V	50 W/ft <sup>2</sup>		25 ft	2 ft
2000002999	WM1-0230	120 V	50 W/ft <sup>2</sup>		30 ft	2 ft
2000003000	WM1-0310	120 V	50 W/ft <sup>2</sup>		10 ft	3 ft
2000003001	WM1-0315	120 V	50 W/ft <sup>2</sup>		15 ft	3 ft
2000003002	WM1-0320	120 V	50 W/ft <sup>2</sup>		20 ft	3 ft
2000003003	WM2-0205	240 V		50 W/ft <sup>2</sup>	5 ft	2 ft
2000003004	WM2-0210	240 V		50 W/ft <sup>2</sup>	10 ft	2 ft
2000003005	WM2-0215	240 V		50 W/ft <sup>2</sup>	15 ft	2 ft
2000003006	WM2-0220	240 V		50 W/ft <sup>2</sup>	20 ft	2 ft
2000003007	WM2-0225	240 V		50 W/ft <sup>2</sup>	25 ft	2 ft
2000003008	WM2-0230	240 V		50 W/ft <sup>2</sup>	30 ft	2 ft
2000003009	WM2-0235	240 V		50 W/ft <sup>2</sup>	35 ft	2 ft
2000003010	WM2-0240	240 V		50 W/ft <sup>2</sup>	40 ft	2 ft
2000003011	WM2-0245	240 V		50 W/ft <sup>2</sup>	45 ft	2 ft
2000003012	WM2-0250	240 V		50 W/ft <sup>2</sup>	50 ft	2 ft

CatalogNumber	Item Name	Supply Voltage	Nominal Power Output @ 120V	Nominal Power Output @ 240V	Length	Width
2000003013	WM2-0260	240 V		50 W/ft <sup>2</sup>	60 ft	2 ft
2000003014	WM2-0310	240 V		50 W/ft <sup>2</sup>	10 ft	3 ft
2000003015	WM2-0320	240 V		50 W/ft <sup>2</sup>	20 ft	3 ft
2000003016	WM2-0325	240 V		50 W/ft <sup>2</sup>	25 ft	3 ft
2000003017	WM2-0330	240 V		50 W/ft <sup>2</sup>	30 ft	3 ft
2000003018	WM2-0340	240 V		50 W/ft <sup>2</sup>	40 ft	3 ft

## ADDITIONAL PRODUCT DETAILS

(\*) This product is marketed under the WinterGard Mesh product name for North American countries. Outside of North America, this product is available under the WinterGard Mat product name.

The heating mat should be installed on a stable subsurface. In suspended structures the substratum may consist of finished slabs, pre-stressed concrete or a suspended structure with poured concrete. The heating mat can be laid on all sub surfaces. In the case of poured concrete, it should be ensured that the surface is smooth and all sharp objects are removed. Ramps on a solid substratum do not require any additional thermal insulation. Appropriate preparations should be made for installing the temperature and moisture sensor. Recommended split/gravel sizes for sand bed or cement concrete: Round grain gravel: Ø 8-16 mm Grit/Broken grain: Ø 4-8 mm

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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