

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

Conductor Quantity:	2
Min Installation Temperature:	5 °C
Cold Lead Length:	5 m
Outer Diameter:	7 mm
Max Continuous Exposure Temperature, Power Off:	65 °C
Supply Voltage:	220 – 240 V
Nominal Power Output @ 230V:	300 W/m ²
Color:	Black
Heating Cable Technology:	Constant Wattage
Ground Path Type:	Foil and Drainwire
Outer Jacket Material:	Polyolefin

Table 1/1

Catalog Number	Item Name	Length	Width
1244-022751	WINTERGARD-MAT-230V-2M	2 m	600 mm

Catalog Number	Item Name	Length	Width
1244-022752	WINTERGARD-MAT-230V-3M	3 m	600 mm
1244-022753	WINTERGARD-MAT-230V-4M	4 m	600 mm
1244-022754	WINTERGARD-MAT-230V-5M	5 m	600 mm
1244-022755	WINTERGARD-MAT-230V-7M	7 m	600 mm
1244-022756	WINTERGARD-MAT-230V-10M	10 m	600 mm
1244-022757	WINTERGARD-MAT-230V-13M	13 m	600 mm
1244-022758	WINTERGARD-MAT-230V-16M	16 m	600 mm
1244-022759	WINTERGARD-MAT-230V-21M	21 m	600 mm

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 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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