

# WinterGard Cable



nVent RAYCHEM WinterGard Cable is a constant output trace heating cable for simple, fast and effective ramp and access way heating to prevent snow and ice formation. It is designed for applications where 230 or 400 VAC supply is available. Pre-terminated.

## FEATURES

Simple to design: variable power output dependent upon cable spacing, up to 300 W/m<sup>2</sup>, variety of sizes available to meet project requirements

Easy to install: flexible, excellent for irregular shaped areas, pre-terminated

Safe and efficient in operation through advanced energy saving controls

Reliable during long life: 10 year product warranty available, maintenance free

For embedding in concrete, sand bed or in asphalt

## SPECIFICATIONS

|                                                        |                    |
|--------------------------------------------------------|--------------------|
| <b>Min Installation Temperature:</b>                   | 5 °C               |
| <b>Cold Lead Length:</b>                               | 5 m                |
| <b>Outer Diameter:</b>                                 | 7 mm               |
| <b>Min Bending Radius:</b>                             | 50 mm              |
| <b>Max Continuous Exposure Temperature, Power Off:</b> | 65 °C              |
| <b>Color:</b>                                          | Black              |
| <b>Heating Cable Technology:</b>                       | Constant Wattage   |
| <b>Ground Path Type:</b>                               | Foil and Drainwire |
| <b>Area Classification:</b>                            | Non-Hazardous      |
| <b>Outer Jacket Material:</b>                          | Polyolefin         |

Table 1/1

| Catalog Number | Item Name                 | Nominal Voltage | Nominal Power Output @ 230V | Nominal Power Output @ 400V | Length |
|----------------|---------------------------|-----------------|-----------------------------|-----------------------------|--------|
| 1244-022761    | WINTERGARD-CABLE-400V-26M | 400 V           |                             | 30 W/m                      | 26 m   |

| Catalog Number | Item Name                  | Nominal Voltage | Nominal Power Output @ 230V | Nominal Power Output @ 400V | Length |
|----------------|----------------------------|-----------------|-----------------------------|-----------------------------|--------|
| 1244-022762    | WINTERGARD-CABLE-400V-35M  | 400 V           |                             | 30 W/m                      | 35 m   |
| 1244-022763    | WINTERGARD-CABLE-400V-62M  | 400 V           |                             | 30 W/m                      | 62 m   |
| 1244-022764    | WINTERGARD-CABLE-400V-121M | 400 V           |                             | 30 W/m                      | 121 m  |
| 1244-022765    | WINTERGARD-CABLE-400V-172M | 400 V           |                             | 30 W/m                      | 172 m  |
| 1244-022766    | WINTERGARD-CABLE-400V-210M | 400 V           |                             | 30 W/m                      | 210 m  |
| 1244-022767    | WINTERGARD-CABLE-400V-250M | 400 V           |                             | 30 W/m                      | 250 m  |
| 1244-022769    | WINTERGARD-CABLE-230V-20M  | 230 V           | 30 W/m                      |                             | 20 m   |
| 1244-022770    | WINTERGARD-CABLE-230V-29M  | 230 V           | 30 W/m                      |                             | 29 m   |
| 1244-022771    | WINTERGARD-CABLE-230V-38M  | 230 V           | 30 W/m                      |                             | 38 m   |
| 1244-022772    | WINTERGARD-CABLE-230V-47M  | 230 V           | 30 W/m                      |                             | 47 m   |
| 1244-022773    | WINTERGARD-CABLE-230V-57M  | 230 V           | 30 W/m                      |                             | 57 m   |
| 1244-022774    | WINTERGARD-CABLE-230V-67M  | 230 V           | 30 W/m                      |                             | 67 m   |
| 1244-022775    | WINTERGARD-CABLE-230V-75M  | 230 V           | 30 W/m                      |                             | 75 m   |
| 1244-022776    | WINTERGARD-CABLE-230V-84M  | 230 V           | 30 W/m                      |                             | 84 m   |
| 1244-022777    | WINTERGARD-CABLE-230V-94M  | 230 V           | 30 W/m                      |                             | 94 m   |
| 1244-022778    | WINTERGARD-CABLE-230V-112M | 230 V           | 30 W/m                      |                             | 112 m  |
| 1244-022779    | WINTERGARD-CABLE-230V-134M | 230 V           | 30 W/m                      |                             | 134 m  |
| 1244-022780    | WINTERGARD-CABLE-230V-150M | 230 V           | 30 W/m                      |                             | 150 m  |

| Catalog Number | Item Name                  | Nominal Voltage | Nominal Power Output @ 230V | Nominal Power Output @ 400V | Length |
|----------------|----------------------------|-----------------|-----------------------------|-----------------------------|--------|
| 1244-022781    | WINTERGARD-CABLE-230V-168M | 230 V           | 30 W/m                      |                             | 168 m  |

## ADDITIONAL PRODUCT DETAILS

The heating cable 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 cables can be laid on all sub-surfaces including reinforcement grids/bars. In the case of poured concrete or in asphalt, 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.

## 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.

### North America

Tel +1.800.545.6258  
Fax +1.800.527.5703  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Europe, Middle East, Africa

Tel +32.16.213.511  
Fax +32.16.213.604  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Asia Pacific

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

### Latin America

Tel +1.713.868.4800  
Fax +1.713.868.2333  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

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