

# ETL Self-Regulating Heating Cable



nVent RAYCHEM ETL self-regulating trace heating cables provide energy efficient pipe freeze protection. R-ETL-A/B are suitable for on- or in-pipe applications, R-ETL(-A/B)-CR for on-pipe only. Each are available in two power outputs (10 and 16 W/m at 5 °C), supported by a full range of heat shrinkable connections and accessories.

## FEATURES

Simple to design, with fluoropolymer jacket option for use in pipes

Easy to install: small geometry, cut to length, meter marks

Energy efficient and safe: self-regulating cable, advanced energy saving controls, no overheating possible

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

## SPECIFICATIONS

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| <b>Nominal Thickness:</b>                              | 5.8 mm               |
| <b>Nominal Width:</b>                                  | 8.5 mm               |
| <b>Min Bending Radius:</b>                             | 10 mm                |
| <b>Max Continuous Exposure Temperature, Power Off:</b> | 65 °C                |
| <b>Supply Voltage:</b>                                 | 220 – 240 V          |
| <b>Min Installation Temperature:</b>                   | -20 °C               |
| <b>Color:</b>                                          | Black                |
| <b>Ground Path Type:</b>                               | Braid                |
| <b>Conductor Material:</b>                             | Nickel-Plated Copper |

Table 1/1

| Catalog Number | Item Name | Nominal Power Output, In-Pipe @ 230V | Nominal Power Output @ 5°C, 230V | Max Circuit Length | Max Circuit Length, In-Pipe |
|----------------|-----------|--------------------------------------|----------------------------------|--------------------|-----------------------------|
| 924269-000     | R-ETL-A   | 16 W/m                               | 10 W/m                           | 100 m              | 60 m                        |
| P000002042     | R-ETL-B   | 25 W/m                               | 16 W/m                           | 100 m              | 60 m                        |

| Catalog Number | Item Name  | Nominal Power Output, In-Pipe @ 230V | Nominal Power Output @ 5°C, 230V | Max CircuitLength | Max Circuit Length, In-Pipe |
|----------------|------------|--------------------------------------|----------------------------------|-------------------|-----------------------------|
| P000002043     | R-ETL-A-CR |                                      | 10 W/m                           | 100 m             |                             |
| P000002044     | R-ETL-B-CR |                                      | 16 W/m                           | 100 m             |                             |

## ADDITIONAL PRODUCT DETAILS

Maximum circuit lengths are based on 230 VAC supply and C-Type characteristic circuit protection devices, switch-on at 5 °C.

## 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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