

# HTV Self-Regulating Heating Cable



nVent RAYCHEM HTV self-regulating heating cable is designed for freeze protection or process temperature maintenance of pipes and vessels up to 205°C continuously, with a maximum exposure temperature of 260°C. The HTV cable has a solid construction with a high power retention (HPR) heating core and pressure extruded electrical insulation. It is then integrated with a robust metallic braid and a chemically resistant fluoropolymer outer jacket.

## CARACTERÍSTICAS

High power retention (HPR) heating core

Power retention: At least 95% after 10 years

Design life: 30 years or more depending on application

Simplified design in hazardous area: T3 y T2

Longer circuit lengths due to larger cross section conductors

Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits

Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology

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

## ESPECIFICACIONES

|                                                                   |                                |
|-------------------------------------------------------------------|--------------------------------|
| <b>Max Maintain or Continuous Exposure Temperature, Power On:</b> | 205 °C                         |
| <b>Max Intermittent Exposure Temperature, Power On/Off:</b>       | 260 °C                         |
| <b>Max Cumulative Hours for Intermittent Exposure:</b>            | 2000 h                         |
| <b>Ground Path Type:</b>                                          | Trenzado                       |
| <b>Area Classification:</b>                                       | Non-Hazardous; Hazardous       |
| <b>Outer Jacket Material:</b>                                     | High Temperature Fluoropolymer |

Table 1/1

| Número de catálogo | Supply Voltage | Nominal Power Output @ 10°C, 230V | Nominal Power Output @ 10°C, 120V |
|--------------------|----------------|-----------------------------------|-----------------------------------|
| P000004312         | 90 – 130 V     |                                   | 9 W/m                             |

| Número de catálogo | Supply Voltage | Nominal Power Output @<br>10°C, 230V | Nominal Power Output @<br>10°C, 120V |
|--------------------|----------------|--------------------------------------|--------------------------------------|
| P000004313         | 90 – 130 V     |                                      | 16 W/m                               |
| P000004314         | 90 – 130 V     |                                      | 28 W/m                               |
| P000004315         | 90 – 130 V     |                                      | 32 W/m                               |
| P000004316         | 90 – 130 V     |                                      | 39 W/m                               |
| P000004317         | 90 – 130 V     |                                      | 49 W/m                               |
| P000004318         | 90 – 130 V     |                                      | 65 W/m                               |
| P000004319         | 190 – 277 V    | 9 W/m                                |                                      |
| P000004320         | 190 – 277 V    | 16 W/m                               |                                      |
| P000004321         | 190 – 277 V    | 25 W/m                               |                                      |
| P000004322         | 190 – 277 V    | 32 W/m                               |                                      |
| P000004323         | 190 – 277 V    | 38 W/m                               |                                      |
| P000004324         | 190 – 277 V    | 48 W/m                               |                                      |
| P000004325         | 190 – 277 V    | 64 W/m                               |                                      |
| 2000003152         | 190 – 277 V    | 90 W/m                               |                                      |

## ADVERTENCIA

Los productos nVent deben instalarse y usarse solo como se indica en las hojas de instrucciones y materiales de capacitación del producto nVent. Las hojas de instrucciones están disponibles en [www.nvent.com](http://www.nvent.com) y con su representante de atención al cliente de nVent. La instalación incorrecta, el mal uso, la aplicación incorrecta u otras fallas en el seguimiento completo de las instrucciones y advertencias de nVent pueden causar el mal funcionamiento del producto, daños a la propiedad, lesiones corporales graves y la muerte y/o anular la garantía.

**Norteamérica**

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)

**Latinoamérica**

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM   PYROTENAX   TRACER   NUHEAT**