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.

FEATURES

- 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 and 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

SPECIFICATIONS

Max Maintain or Continuous Exposure Temperature, Power On:	400 °F
Max Intermittent Exposure Temperature, Power On/Off:	500 °F
Max Cumulative Hours for Intermittent Exposure:	2000 h
Ground Path Type:	Braid
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	High Temperature Fluoropolymer

Table 1/1

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 50°F, 120V	Nominal Power Output @ 50°F, 240V
P000004312	3HTV1-CT	90 – 130 V	3 W/ft	W/ft
P000004313	5HTV1-CT	90 – 130 V	5 W/ft	W/ft
P000004314	8HTV1-CT	90 – 130 V	8 W/ft	W/ft
P000004315	10HTV1-CT	90 – 130 V	10 W/ft	W/ft
P000004316	12HTV1-CT	90 – 130 V	12 W/ft	W/ft

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 50°F, 120V	Nominal Power Output @ 50°F, 240V
P000004317	15HTV1-CT	90 – 130 V	15 W/ft	W/ft
P000004318	20HTV1-CT	90 – 130 V	20 W/ft	W/ft
P000004319	3HTV2-CT	190 – 277 V	W/ft	3 W/ft
P000004320	5HTV2-CT	190 – 277 V	W/ft	5 W/ft
P000004321	8HTV2-CT	190 – 277 V	W/ft	8 W/ft
P000004322	10HTV2-CT	190 – 277 V	W/ft	10 W/ft
P000004323	12HTV2-CT	190 – 277 V	W/ft	12 W/ft
P000004324	15HTV2-CT	190 – 277 V	W/ft	15 W/ft
P000004325	20HTV2-CT	190 – 277 V	W/ft	20 W/ft
2000003152	28HTV2-CT	190 – 277 V	W/ft	28 W/ft

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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nVent reserves the right to change specifications without notice.