

# BTV Self-Regulating Heating Cable



nVent RAYCHEM BTV self-regulating trace heating cables provide freeze protection and process temperature maintenance, up to 150 °F/65 °C, of pipes/vessels without steam cleaning requirements. They withstand intermittent exposure to 185 °F/85 °C and are hazardous area approved. The polyolefin outer jacket (-CR) is suitable for mild inorganic solutions. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

## FEATURES

Simplified design in hazardous area: unconditional T6 class

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

<b>Max Maintain or Continuous Exposure Temperature, Power On/Off:</b>	65 °C
<b>Max Intermittent Exposure Temperature, Power On/Off:</b>	85 °C
<b>Supply Voltage:</b>	200 – 277 V
<b>Ground Path Type:</b>	Braid
<b>Area Classification:</b>	Non-Hazardous; Hazardous

Table 1/1

Catalog Number	Item Name	E-Number	Outer Jacket Material	Nominal Power Output @ 10°C, 230V
414809-000	5BTV2-CR	9935000134	Modified Polyolefin	16 W/m
469145-000	3BTV2-CT	9935000066	Fluoropolymer	9 W/m

Catalog Number	Item Name	E-Number	Outer Jacket Material	Nominal Power Output @ 10°C, 230V
487509-000	5BTV2-CT	9935000147	Fluoropolymer	16 W/m
914279-000	3BTV2-CR	9935000053	Modified Polyolefin	9 W/m
008633-000	8BTV2-CT	9935000257	Fluoropolymer	25 W/m
479821-000	8BTV2-CR	9935000228	Modified Polyolefin	25 W/m
567513-000	10BTV2-CT	9935000309	Fluoropolymer	29 W/m
677245-000	10BTV2-CR	9935000286	Modified Polyolefin	29 W/m

## 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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