

# 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.

## RECURSOS

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

## ESPECIFICAÇÕES

|                                                                       |                          |
|-----------------------------------------------------------------------|--------------------------|
| <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>Ground Path Type:</b>                                              | Braid                    |
| <b>Area Classification:</b>                                           | Non-Hazardous; Hazardous |

Table 1/1

| Número do catálogo | Nome do item | Supply Voltage | Outer Jacket Material | Nominal Power Output @ 10°C, 230V | Nominal Power Output @ 10°C, 120V |
|--------------------|--------------|----------------|-----------------------|-----------------------------------|-----------------------------------|
| 208489-000         | 5BTV1-CR     | 100 – 130 V    | Modified Polyolefin   |                                   | 16 W/m                            |
| 313747-000         | 5BTV1-CT     | 100 – 130 V    | Fluoropolymer         |                                   | 16 W/m                            |

| Número do catálogo | Nome do item | Supply Voltage | Outer Jacket Material | Nominal Power Output @ 10°C, 230V | Nominal Power Output @ 10°C, 120V |
|--------------------|--------------|----------------|-----------------------|-----------------------------------|-----------------------------------|
| 414809-000         | 5BTV2-CR     | 200 – 277 V    | Modified Polyolefin   | 16 W/m                            |                                   |
| 469145-000         | 3BTV2-CT     | 200 – 277 V    | Fluoropolymer         | 9 W/m                             |                                   |
| 487509-000         | 5BTV2-CT     | 200 – 277 V    | Fluoropolymer         | 16 W/m                            |                                   |
| 914279-000         | 3BTV2-CR     | 200 – 277 V    | Modified Polyolefin   | 9 W/m                             |                                   |
| 002349-000         | 10BTV1-CR    | 100 – 130 V    | Modified Polyolefin   |                                   | 33 W/m                            |
| 008633-000         | 8BTV2-CT     | 200 – 277 V    | Fluoropolymer         | 25 W/m                            |                                   |
| 413851-000         | 8BTV1-CR     | 100 – 130 V    | Modified Polyolefin   |                                   | 26 W/m                            |
| 479821-000         | 8BTV2-CR     | 200 – 277 V    | Modified Polyolefin   | 25 W/m                            |                                   |
| 481491-000         | 8BTV1-CT     | 100 – 130 V    | Fluoropolymer         |                                   | 26 W/m                            |
| 516277-000         | 10BTV1-CT    | 100 – 130 V    | Fluoropolymer         |                                   | 33 W/m                            |
| 567513-000         | 10BTV2-CT    | 200 – 277 V    | Fluoropolymer         | 29 W/m                            |                                   |
| 677245-000         | 10BTV2-CR    | 200 – 277 V    | Modified Polyolefin   | 29 W/m                            |                                   |

## AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em [www.nVent.com](http://www.nVent.com) e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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