

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

Max Maintain or Continuous Exposure Temperature, Power On/Off:	65 °C
Max Intermittent Exposure Temperature, Power On/Off:	85 °C
Supply Voltage:	200 – 277 V
Ground Path Type:	Braid
Area Classification:	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	0431152	Modified Polyolefin	16 W/m
469145-000	3BTV2-CT	0431003	Fluoropolymer	9 W/m

Catalog Number	Item Name	E-Number	Outer Jacket Material	Nominal Power Output @ 10°C, 230V
487509-000	5BTV2-CT	0431150	Fluoropolymer	16 W/m
914279-000	3BTV2-CR	0431002	Modified Polyolefin	9 W/m
008633-000	8BTV2-CT		Fluoropolymer	25 W/m
479821-000	8BTV2-CR	0431180	Modified Polyolefin	25 W/m
567513-000	10BTV2-CT	0431190	Fluoropolymer	29 W/m
677245-000	10BTV2-CR	0431192	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 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.

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

Our powerful portfolio of brands:

RAYCHEM PYROTENAX TRACER NUHEAT