

CTV Self-Regulating Heating Cable



nVent RAYCHEM CTV self-regulating trace heating cables provide freeze protection and process temperature maintenance, up to 65 °C, of pipes/vessels without steam cleaning requirements. They withstand intermittent exposure to 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

SPECIFICATIONS

Max Maintain or Continuous Exposure Temperature, Power On/Off:	65 °C
Max Intermittent Exposure Temperature, Power On/Off:	85 °C
Ground Path Type:	Braid
Area Classification:	Non-Hazardous; Hazardous

Table 1/1

Catalog Number	Item Name	Outer Jacket Material	Nominal Power Output @ 10°C, 230V
3000-8001	5CTV2-CT	Fluoropolymer	16 W/m
3000-8002	5CTV2-CR	Modified Polyolefin	16 W/m
3000-8003	8CTV2-CT	Fluoropolymer	25 W/m
3000-8004	8CTV2-CR	Modified Polyolefin	25 W/m
3000-8005	10CTV2-CT	Fluoropolymer	29 W/m

Catalog Number	Item Name	Outer Jacket Material	Nominal Power Output @ 10°C, 230V
3000-8006	10CTV2-CR	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.

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