

## XTV SELF-REGULATING HEATING CABLE



nVent RAYCHEM XTV self-regulating trace heating cables are mainly used for freeze protection of pipes and vessels that require steam cleaning and process temperature maintenance, up to 250 °F/121 °C. They withstand intermittent exposure to 482 °F/250 °C. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

### FEATURES & BENEFITS

Simplified design in hazardous area: T2 and T3-T6 based on systems approach

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

**Supply Voltage** 100 – 130 V

**Area Classification** Non-Hazardous; Hazardous

**Outer Jacket Material** High Temperature Fluoropolymer

**Ground Path Type** Braid

**Max Maintain or Continuous Exposure Temperature, Power On** 121 °C

**Max Intermittent Exposure Temperature, Power On/Off** 250 °C

**Max Cumulative Hours for Intermittent Exposure** 1000 h

Table 1/1

| Catalog Number | Item Name    | Nominal Power Output @ 10°C, 120V |
|----------------|--------------|-----------------------------------|
| P000001671     | 10XTV1-CT-T3 | 33 W/m                            |
| P000001674     | 15XTV1-CT-T2 | 49 W/m                            |
| P000001676     | 20XTV1-CT-T2 | 65 W/m                            |
| P000001668     | 5XTV1-CT-T3  | 16 W/m                            |

**Supply Voltage** 200 – 277 V

**Area Classification** Non-Hazardous; Hazardous

**Outer Jacket Material** High Temperature Fluoropolymer

**Ground Path Type** Braid

**Max Maintain or Continuous Exposure Temperature, Power On** 121 °C

**Max Intermittent Exposure Temperature, Power On/Off** 250 °C

**Max Cumulative Hours for Intermittent Exposure** 1000 h

Table 1/1

| Catalog Number | Item Name    | Nominal Power Output @ 10°C, 230V |
|----------------|--------------|-----------------------------------|
| P000001667     | 4XTV2-CT-T3  | 12 W/m                            |
| P000001670     | 8XTV2-CT-T3  | 25 W/m                            |
| P000001673     | 12XTV2-CT-T3 | 38 W/m                            |
| P000001672     | 10XTV2-CT-T3 | 33 W/m                            |
| P000001675     | 15XTV2-CT-T3 | 47 W/m                            |
| P000001677     | 20XTV2-CT-T2 | 63 W/m                            |
| P000001669     | 5XTV2-CT-T3  | 16 W/m                            |

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