XTVR SELF-REGULATING HEATING CABLE



nVent RAYCHEM XTVR 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 302 °F/150 °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

- High power retention (HPR) heating core
- Power retention: At least 95% after 10 years
- Design life: 30 years or more depending on application
- Simplified design in hazardous area: T3 Unconditional or T6-T4 System classification
- 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

Max Maintain or Continuous Exposure Temperature, Power On:	302 °F
Max Intermittent Exposure Temperature, Power On/Off:	482 °F
Max Cumulative Hours for Intermittent Exposure:	2000 h
Ground Path Type:	Braid
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	High Temperature Fluoropolymer

Table 1/1

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 50°F, 120V	Nominal Power Output @ 50°F, 240V
2000003070	3XTVR2-CT	200 – 277 V		3 W/ft
2000003071	5XTVR1-CT	100 – 130 V	5 W/ft	
2000003072	5XTVR2-CT	200 – 277 V		5 W/ft

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 50°F, 120V	Nominal Power Output @ 50°F, 240V
2000003073	8XTVR2-CT	200 – 277 V		8 W/ft
2000003074	10XTVR1-CT	100 – 130 V	10 W/ft	
2000003075	10XTVR2-CT	200 – 277 V		10 W/ft
2000003076	12XTVR2-CT	200 – 277 V		12 W/ft
2000003077	15XTVR1-CT	100 – 130 V	15 W/ft	
2000003078	15XTVR2-CT	200 – 277 V		15 W/ft
2000003079	20XTVR1-CT	100 – 130 V	20 W/ft	
2000003080	20XTVR2-CT	200 – 277 V		20 W/ft

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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nVent reserves the right to change specifications without notice.