

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.

KENMERKEN

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

SPECIFICATIES

Max Maintain or Continuous Exposure Temperature, Power On:	150 °C
Supply Voltage:	200 – 277 V
Max Intermittent Exposure Temperature, Power On/Off:	250 °C
Max Cumulative Hours for Intermittent Exposure:	2000 h
Ground Path Type:	Braid
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	High Temperature Fluoropolymer

Table 1/4

Catalogusnummer	Naam van het item	Nominal Power Output @ 10°C, 230V	Kleur	Geleidermateriaal	Conductor Quantity	Hazardous Area
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2000003070	3XTVR2-CT	9 W/m	Rood	Tin-Plated Copper	2	Ja
2000003072	5XTVR2-CT	16 W/m	Rood	Tin-Plated Copper	2	Ja
2000003073	8XTVR2-CT	25 W/m	Rood	Tin-Plated Copper	2	Ja
2000003075	10XTVR2-CT	32 W/m	Rood	Tin-Plated Copper	2	Ja
2000003076	12XTVR2-CT	38 W/m	Rood	Tin-Plated Copper	2	Ja
2000003078	15XTVR2-CT	48 W/m	Rood	Tin-Plated Copper	2	Ja
2000003080	20XTVR2-CT	64 W/m	Rood	Tin-Plated Copper	2	Ja

Table 2/4

Catalogusnummer	Naam van het item	Max Circuit Length	Max Exposure Temperature	Min Bending Radius @ -60°C	Min Bending Radius @ 20°C	Minimale installatietemperatuur
2000003070	3XTVR2-CT	245 m	250 °C	51 mm	13 mm	-60 °C
2000003072	5XTVR2-CT	233 m	250 °C	51 mm	13 mm	-60 °C
2000003073	8XTVR2-CT	175 m	250 °C	51 mm	13 mm	-60 °C
2000003075	10XTVR2-CT	164 m	250 °C	51 mm	13 mm	-60 °C
2000003076	12XTVR2-CT	140 m	250 °C	51 mm	13 mm	-60 °C
2000003078	15XTVR2-CT	135 m	250 °C	51 mm	13 mm	-60 °C
2000003080	20XTVR2-CT	110 m	250 °C	51 mm	13 mm	-60 °C

Table 3/4

Catalogusnummer	Naam van het item	Nominal Cable Weight	Nominal Height	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Nominale spanning
2000003070	3XTVR2-CT	170 g/m	7.6 mm	9 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V

Catalogusnummer	Naam van het item	Nominal Cable Weight	Nominal Height	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Nominale spanning
2000003072	5XTVR2-CT	170 g/m	7.6 mm	16 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V
2000003073	8XTVR2-CT	170 g/m	7.6 mm	26 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V
2000003075	10XTVR2-CT	170 g/m	7.6 mm	32 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V
2000003076	12XTVR2-CT	170 g/m	7.6 mm	39 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V
2000003078	15XTVR2-CT	170 g/m	7.6 mm	49 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V
2000003080	20XTVR2-CT	170 g/m	7.6 mm	65 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V

Table 4/4

Catalogusnummer	Naam van het item	Nominal Width
2000003070	3XTVR2-CT	10.8 mm
2000003072	5XTVR2-CT	10.8 mm
2000003073	8XTVR2-CT	10.8 mm
2000003075	10XTVR2-CT	10.8 mm
2000003076	12XTVR2-CT	10.8 mm
2000003078	15XTVR2-CT	10.8 mm
2000003080	20XTVR2-CT	10.8 mm

WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere

handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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