

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.

CARATTERISTICHE

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

SPECIFICHE

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:	e collegamento
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	High Temperature Fluoropolymer

Table 1/4

Numero catalogo	Nome articolo	Nominal Power Output @ 10°C, 230V	Colore	Materiale conduttore	Conductor Quantity	Hazardous Area
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2000003070	3XTVR2-CT	9 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003072	5XTVR2-CT	16 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003073	8XTVR2-CT	25 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003075	10XTVR2-CT	32 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003076	12XTVR2-CT	38 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003078	15XTVR2-CT	48 W/m	Rosso	Tin-Plated Copper	2	Si.
2000003080	20XTVR2-CT	64 W/m	Rosso	Tin-Plated Copper	2	Si.

Table 2/4						
Numero catalogo	Nome articolo	Max Circuit Length	Max Exposure Temperature	Min Bending Radius @ -60°C	Min Bending Radius @ 20°C	Temperatura minima di installazione
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						
Numero catalogo	Nome articolo	Nominal Cable Weight	Nominal Height	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Tensione nominale
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

Numero catalogo	Nome articolo	Nominal Cable Weight	Nominal Height	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Tensione nominale
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

Numero catalogo	Nome articolo	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

AVVERTENZA

AVVERTENZA: i prodotti nVent devono essere installati e usati solo secondo le indicazioni riportate nei fogli delle istruzioni del prodotto nVent e nei materiali di formazione. I fogli di istruzioni sono disponibili sul sito www.nvent.com e presso il vostro rappresentante locale dell'assistenza clienti di nVent. Un'installazione scorretta, l'uso improprio, l'applicazione errata

o altre inosservanze delle istruzioni e delle avvertenze di nVent possono causare un malfunzionamento del prodotto, danni alle proprietà, lesioni corporee gravi e morte e/o l'annullamento della garanzia.

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