

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.

RECURSOS

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

ESPECIFICAÇÕES

Max Maintain or Continuous Exposure Temperature, Power On:	150 °C
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 1/3

Número do catálogo	Supply Voltage	Nominal Power Output @ 10°C, 230V	Cor	Conductor Material	Conductor Quantity	Hazardous Area
2000003070	200 – 277 V	9 W/m	Vermelho	Tin-Plated Copper	2	Sim

Número do catálogo	Supply Voltage	Nominal Power Output @ 10°C, 230V	Cor	Conductor Material	Conductor Quantity	HazardousArea
2000003071	100 – 130 V	5 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003072	200 – 277 V	16 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003073	200 – 277 V	25 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003074	100 – 130 V		Vermelho	Tin-Plated Copper	2	Sim
2000003075	200 – 277 V	32 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003076	200 – 277 V	38 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003077	100 – 130 V		Vermelho	Tin-Plated Copper	2	Sim
2000003078	200 – 277 V	48 W/m	Vermelho	Tin-Plated Copper	2	Sim
2000003079	100 – 130 V		Vermelho	Tin-Plated Copper	2	Sim
2000003080	200 – 277 V	64 W/m	Vermelho	Tin-Plated Copper	2	Sim

Table 2/3						
Número do catálogo	Max Circuit Length	Max Exposure Temperature	Min Bending Radius @ -60°C	Min Bending Radius @ 20°C	Min Installation Temperature	Nominal Cable Weight
2000003070	245 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003071	117 m	250 °C	51 mm	13 mm	-40 °C	170 g/m
2000003072	233 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003073	175 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003074	82 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003075	164 m	250 °C	51 mm	13 mm	-60 °C	170 g/m

Número do catálogo	Max Circuit Length	Max Exposure Temperature	Min Bending Radius @ -60°C	Min Bending Radius @ 20°C	Min Installation Temperature	Nominal Cable Weight
2000003076	140 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003077	61 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003078	135 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003079	48 m	250 °C	51 mm	13 mm	-60 °C	170 g/m
2000003080	110 m	250 °C	51 mm	13 mm	-60 °C	170 g/m

Table 3/3

Número do catálogo	Nominal Height	Nominal Power Output @ 10°C, 120V	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Nominal Voltage	Nominal Width
2000003070	7.6 mm		9 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm
2000003071	7.6 mm	16 W/m		7.2 mm	110 V, 120 V	10.8 mm
2000003072	7.6 mm		16 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm
2000003073	7.6 mm		26 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm
2000003074	7.6 mm	32 W/m		7.2 mm	110 V, 120 V	10.8 mm
2000003075	7.6 mm		32 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm
2000003076	7.6 mm		39 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm
2000003077	7.6 mm	49 W/m		7.2 mm	110 V, 120 V	10.8 mm
2000003078	7.6 mm		49 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm

Número do catálogo	Nominal Height	Nominal Power Output @ 10°C, 120V	Nominal Power Output @ 10°C, 240V	Nominal Thickness	Nominal Voltage	Nominal Width
2000003079	7.6 mm	65 W/m		7.2 mm	110 V, 120 V	108 mm
2000003080	7.6 mm		65 W/m	7.2 mm	208 V, 220 V, 230 V, 240 V, 277 V	10.8 mm

AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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