

STS HT Skin-Effect Tracing Wire



nVent RAYCHEM STS-HT Skin Effect Trace Heating Wires provide freeze protection and process temperature maintenance for embedded or long pipeline applications. Circuit lengths up to 7.8 miles/12.5 km are possible, minimizing the number of connection and power source locations. Suitable for applications up to 500 °F/260 °C and approved for use in hazardous and non-hazardous locations. The fluoropolymer outer jacket is ideal for heating pipelines transporting materials such as sulphur and asphalt.

RECURSOS

Custom engineered design, depending on the unique application type

Safe and efficient in operation: fully grounded system with zero electrical potential on pipe surfaces, can be used in Class 1 Division 2 and Zone 2 hazardous areas

Long circuit lengths (up to 7.8 miles/12.5 km), minimize operating and installation costs by reducing the required number of power supply points

Advanced control systems with multiple temperature inputs to adequately monitor and control longline heat tracing

Reliable during long life: entire circuit is encapsulated within rugged heat tubes and steel boxes

ESPECIFICAÇÕES

Max Power Output:	150 W/m
Max Maintain or Continuous Exposure Temperature, Power On:	260 °C
Min Installation Temperature:	-55 °C
Supply Voltage:	0 – 2400 V
Outer Jacket Material:	Fluoropolymer
Area Classification:	Non-Hazardous; Hazardous
Ground Path Type:	Nenhum

Table 1/1

Número do catálogo	Nome do item	Nominal Cable Weight	Diâmetro externo	AWG Size	Min Bending Radius @ -55°C
P000001475	STS-HT/13.25-WIRE	233 g/m	9.9 mm	6	60 mm
P000000635	STS-HT/21.25-WIRE	333 g/m	11.2 mm	4	77 mm

Número do catálogo	Nome do item	Nominal Cable Weight	Diâmetro externo	AWG Size	Min Bending Radius @ -55°C
P000001474	STS-HT/33.25-WIRE	500 g/m	13.2 mm	2	84 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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