

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.

CARATTERISTICHE

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

SPECIFICHE

Max Power Output:	150 W/m
Max Maintain or Continuous Exposure Temperature, Power On:	260 °C
Temperatura minima di installazione:	-55 °C
Supply Voltage:	0 - 2400 V
Outer Jacket Material:	Fluoropolimero
Area Classification:	Non-Hazardous; Hazardous
Ground Path Type:	Nessuno

Table 1/1

Numero catalogo	Nome articolo	Nominal Cable Weight	Diametro esterno	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

Numero catalogo	Nome articolo	Nominal Cable Weight	Diametro esterno	AWG Size	Min Bending Radius @ -55°C
P000001474	STS-HT/33.25-WIRE	500 g/m	13.2 mm	2	84 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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