

## 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 15 miles/25 km are possible, minimizing the number of connection and power source locations. Suitable for applications up to 482 °F/250 °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.

### FEATURES & BENEFITS

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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 15 miles/25 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

### SPECIFICATIONS

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**Supply Voltage** 0 – 2500 V

**Max Power Output** 150 W/m

**Max Maintain or Continuous Exposure Temperature, Power On** 250 °C

**Outer Jacket Material** Fluoropolymer

**Ground Path Type** None

**Area Classification** Non-Hazardous; Hazardous

Min Installation Temperature -40 °C

Table 1/1

Catalog Number	Item Name	Nominal Cable Weight	Min Bending Radius @ -40°C	Outer Diameter	AWG Size
P000001475	STS-HT/13.25-WIRE	233 g/m	60 mm	9.9 mm	6
P000000635	STS-HT/21.25-WIRE	333 g/m	77 mm	11.2 mm	4
P000001474	STS-HT/33.25-WIRE	500 g/m	84 mm	13.2 mm	2

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