

# 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.

## CARACTERÍSTICAS

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

## ESPECIFICACIONES

|                                                                   |                          |
|-------------------------------------------------------------------|--------------------------|
| <b>Max Power Output:</b>                                          | 150 W/m                  |
| <b>Max Maintain or Continuous Exposure Temperature, Power On:</b> | 260 °C                   |
| <b>Temperatura de instalación mín.:</b>                           | -55 °C                   |
| <b>Supply Voltage:</b>                                            | 0 – 2400 V               |
| <b>Outer Jacket Material:</b>                                     | Fluoropolímero           |
| <b>Area Classification:</b>                                       | Non-Hazardous; Hazardous |
| <b>Ground Path Type:</b>                                          | Ninguno                  |

Table 1/1

| Número de catálogo | Nombre del artículo | Nominal Cable Weight | Diámetro exterior | 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 de catálogo | Nombre del artículo | Nominal Cable Weight | Diámetro exterior | AWG Size | Min Bending Radius @ -55°C |
|--------------------|---------------------|----------------------|-------------------|----------|----------------------------|
| P000001474         | STS-HT/33.25-WIRE   | 500 g/m              | 13.2 mm           | 2        | 84 mm                      |

## ADVERTENCIA

Los productos nVent deben instalarse y usarse solo como se indica en las hojas de instrucciones y materiales de capacitación del producto nVent. Las hojas de instrucciones están disponibles en [www.nvent.com](http://www.nvent.com) y con su representante de atención al cliente de nVent. La instalación incorrecta, el mal uso, la aplicación incorrecta u otras fallas en el seguimiento completo de las instrucciones y advertencias de nVent pueden causar el mal funcionamiento del producto, daños a la propiedad, lesiones corporales graves y la muerte y/o anular la garantía.

### Norteamérica

Tel +1.800.545.6258  
Fax +1.800.527.5703  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Europe, Middle East, Africa

Tel +32.16.213.511  
Fax +32.16.213.604  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Asia Pacific

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

### Latinoamérica

Tel +1.713.868.4800  
Fax +1.713.868.2333  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

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