

# STS HV Skin-Effect Tracing Wire



nVent RAYCHEM STS-HV tracing wire is made specifically for medium temperature STS Trace Heating applications and is ideal for long pipeline applications where access to power connection and power source locations are limited. STS-HV tracing wire allows circuit lengths up to 50 km (31 miles) between power connection points and is approved for use in hazardous and non-hazardous locations. Suitable for applications up to a maximum 302 °F/150 °C and approved for use in hazardous and non-hazardous locations, the Silicone outer jacket is ideal for heating pipelines transporting materials such as crude oil and VGO.

## 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 31 miles/50 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

Table 1/2

| Número de catálogo | Nombre del artículo      | Supply Voltage | Max Power Output | Max Maintain or Continuous Exposure Temperature, Power On | Outer Jacket Material | Ground Path Type |
|--------------------|--------------------------|----------------|------------------|-----------------------------------------------------------|-----------------------|------------------|
| 1244-022564        | STS-HV/21.100-WIRE #4AWG | 0 – 10000 V    | 70 W/m           | 150 °C                                                    | Silicona              | Ninguno          |

Table 2/2

| Número de catálogo | Nombre del artículo      | Area Classification      | Temperatura de instalación mín. | Nominal Cable Weight | Min Bending Radius @ -55°C | AWG Size |
|--------------------|--------------------------|--------------------------|---------------------------------|----------------------|----------------------------|----------|
| 1244-022564        | STS-HV/21.100-WIRE #4AWG | Non-Hazardous, Hazardous | -55 °C                          | 482 g/m              | 51 mm                      | #4       |

## ADVERTENCIA

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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.

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