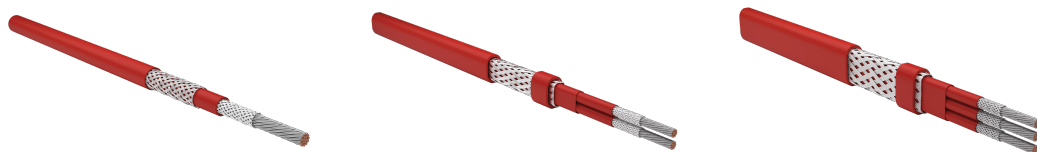


# SC/H Series Heating Cable, Hi-Temp, Hazardous Area



nVent RAYCHEM SC/H series-resistance trace heating cables provide freeze protection and high-temperature maintenance for longline heating applications with low heat loss. Available with single/dual/triple conductors, they can be used for continuous circuit lengths to 12,000 ft/3659 m powered from a single source, capable of supporting voltages up to 600 VAC. and suitable for continuous exposure to temperatures up to 482 °F/250 °C. Approved for use in hazardous areas. The fluoropolymer outer jacket provides high chemical resistance against aggressive organics and corrosives.

## CARACTERÍSTICAS

Fast installation, with long circuit length capability: up to 12,000 ft/3659 m from a single power source

Safe and efficient in operation, supports high voltages up to 600 VAC

Reliable during long life: 10 year extended product warranty available, maintenance free

## ESPECIFICACIONES

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| <b>Min Bending Radius:</b>                               | 25,4 mm                  |
| <b>Max Power Output:</b>                                 | 39 W/m                   |
| <b>Max Continuous Exposure Temperature, Power Off:</b>   | 250 °C                   |
| <b>Max Intermittent Exposure Temperature, Power Off:</b> | 250 °C                   |
| <b>Temperatura de instalación mín.:</b>                  | -40 °C                   |
| <b>Supply Voltage:</b>                                   | 0 – 600 V                |
| <b>Outer Jacket Material:</b>                            | Fluoropolímero           |
| <b>Area Classification:</b>                              | Non-Hazardous; Hazardous |
| <b>Color:</b>                                            | Rojo                     |

Table 1/2

| Número de catálogo | Nombre del artículo | Nominal Resistance @ 20°C | Diámetro exterior | Nominal Width | Nominal Height | Conductor Quantity |
|--------------------|---------------------|---------------------------|-------------------|---------------|----------------|--------------------|
| 912456-000         | 1SC/H80-CT          | 2.13 Ω/km                 | 8.1 mm            |               |                | 1                  |
| P000000414         | 3SC/H80-CT          | 2.13 Ω/km                 |                   | 21.59 mm      | 9.4 mm         | 3                  |
| 847304-000         | 1SC/H70-CT          | 3.94 Ω/km                 | 7.3 mm            |               |                | 1                  |
| P000000431         | 3SC/H70-CT          | 3.94 Ω/km                 |                   | 19.05 mm      | 8.64 mm        | 3                  |
| 049312-000         | 2SC/H80-CT          | 4.26 Ω/km                 |                   | 15.49 mm      | 9.4 mm         | 2                  |
| 014770-000         | 1SC/H60-CT          | 6.13 Ω/km                 | 6.6 mm            |               |                | 1                  |
| P000000430         | 3SC/H60-CT          | 6.13 Ω/km                 |                   | 17.27 mm      | 7.87 mm        | 3                  |
| 423212-000         | 2SC/H70-CT          | 7.87 Ω/km                 |                   | 13.97 mm      | 8.64 mm        | 2                  |
| 357170-000         | 1SC/H50-CT          | 9.51 Ω/km                 | 6 mm              |               |                | 1                  |
| P000000429         | 3SC/H50-CT          | 9.51 Ω/km                 |                   | 25.75 mm      | 7.37 mm        | 3                  |
| 150416-000         | 2SC/H60-CT          | 12.26 Ω/km                |                   | 12.7 mm       | 7.87 mm        | 2                  |
| 718334-000         | 1SC/H40-CT          | 15.02 Ω/km                | 5.8 mm            |               |                | 1                  |
| P000000428         | 3SC/H40-CT          | 15.02 Ω/km                |                   | 14.73 mm      | 7.11 mm        | 3                  |
| 250334-000         | 2SC/H50-CT          | 19.02 Ω/km                |                   | 11.43 mm      | 7.37 mm        | 2                  |
| 491572-000         | 1SC/H30-CT          | 19.35 Ω/km                | 5.5 mm            |               |                | 1                  |
| P000000427         | 3SC/H30-CT          | 19.35 Ω/km                |                   | 14.22 mm      | 6.86 mm        | 3                  |
| 174120-000         | 2SC/H40-CT          | 30.04 Ω/km                |                   | 10.67 mm      | 7.11 mm        | 2                  |

| Número de catálogo | Nombre del artículo | Nominal Resistance @ 20°C | Diámetro exterior | Nominal Width | Nominal Height | Conductor Quantity |
|--------------------|---------------------|---------------------------|-------------------|---------------|----------------|--------------------|
| 279076-000         | 2SC/H30-CT          | 38.69 $\Omega$ /km        |                   | 10.41 mm      | 6.86 mm        | 2                  |

Table 2/2

| Número de catálogo | Nombre del artículo | Nominal Cable Weight |
|--------------------|---------------------|----------------------|
| 912456-000         | 1SC/H80-CT          | 178 g/m              |
| P000000414         | 3SC/H80-CT          | 535 g/m              |
| 847304-000         | 1SC/H70-CT          | 134 g/m              |
| P000000431         | 3SC/H70-CT          | 402 g/m              |
| 049312-000         | 2SC/H80-CT          | 357 g/m              |
| 014770-000         | 1SC/H60-CT          | 104 g/m              |
| P000000430         | 3SC/H60-CT          | 312 g/m              |
| 423212-000         | 2SC/H70-CT          | 268 g/m              |
| 357170-000         | 1SC/H50-CT          | 89 g/m               |
| P000000429         | 3SC/H50-CT          | 268 g/m              |
| 150416-000         | 2SC/H60-CT          | 208 g/m              |
| 718334-000         | 1SC/H40-CT          | 74 g/m               |
| P000000428         | 3SC/H40-CT          | 223 g/m              |
| 250334-000         | 2SC/H50-CT          | 178 g/m              |
| 491572-000         | 1SC/H30-CT          | 59 g/m               |

| Número de catálogo | Nombre del artículo | Nominal Cable Weight |
|--------------------|---------------------|----------------------|
| P000000427         | 3SC/H30-CT          | 178 g/m              |
| 174120-000         | 2SC/H40-CT          | 149 g/m              |
| 279076-000         | 2SC/H30-CT          | 119 g/m              |

## ADDITIONAL PRODUCT DETAILS

Nominal Resistance @ 68°F / 20°C for 3 conductor cable, resistance values are per conductor

Max Power Output is typical value, depending on application

## 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.

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