

# T2Black Floor Heating Cable



nVent RAYCHEM T2Black is a constant power output floor heating cable. It exists in 2 variants with output of 12 W/m and 20 W/m. It is a dual conductor, twisted heater with a pre-terminated 2.6 m cold lead and available in lengths from 12 m to 175 m. The product is delivered in a box designed for easy unspooling of the cable and containing all the accessories needed to install the product. The product is available in a variant containing the energy efficient NRG-DM thermostat and a variant without thermostat.

## KENMERKEN

Ideal for use with anti-fracture membranes

Easy design: one cold lead connection due to dual wire cable design, different power outputs/m<sup>2</sup> obtained by varying the spacing

Reliable during long life: 12 to 20 year total care warranty available, no maintenance required

## SPECIFICATIES

|                                         |                           |
|-----------------------------------------|---------------------------|
| <b>Cold Lead Length:</b>                | 2,6 m                     |
| <b>Buitenste diameter:</b>              | 4 mm                      |
| <b>Minimale installatietemperatuur:</b> | 5 °C                      |
| <b>Min Cable Spacing:</b>               | 80 mm                     |
| <b>Power Output, Typical:</b>           | 80 – 150 W/m <sup>2</sup> |
| <b>Nominale spanning:</b>               | 230 V                     |
| <b>Kleur:</b>                           | Zwart                     |
| <b>Ground Path Type:</b>                | Braid                     |
| <b>Heating Cable Technology:</b>        | Constant Wattage          |
| <b>Outer Jacket Material:</b>           | PVC                       |
| <b>Spooling System:</b>                 | Ja                        |

Table 1/1

| Catalogusnummer | Naam van het item     | Nominal Power Output | Voeding | Resistance Range | Lengte | Thermostat Included |
|-----------------|-----------------------|----------------------|---------|------------------|--------|---------------------|
| SZ18300309      | R-BK-B-14.5M-180W/NRG | 12 W/m               | 180 W   | 282.3 – 326.9 Ω  | 14.5 m | NRG-DM              |

| Catalogusnummer | Naam van het item      | Nominal Power Output | Voeding | Resistance Range       | Lengte | Thermostat Included |
|-----------------|------------------------|----------------------|---------|------------------------|--------|---------------------|
| SZ18300310      | R-BK-B-20.0M-250W/NRG  | 12 W/m               | 250 W   | 201 – 232.8 $\Omega$   | 20 m   | NRG-DM              |
| SZ18300311      | R-BK-B-26.5M-325W/NRG  | 12 W/m               | 325 W   | 154.6 – 179 $\Omega$   | 26.5 m | NRG-DM              |
| SZ18300312      | R-BK-B-35.5M-435W/NRG  | 12 W/m               | 435 W   | 116.1 – 134.4 $\Omega$ | 35.5 m | NRG-DM              |
| SZ18300313      | R-BK-B-46.0M-565W/NRG  | 12 W/m               | 565 W   | 88.8 – 102.8 $\Omega$  | 46 m   | NRG-DM              |
| SZ18300314      | R-BK-B-55.0M-665W/NRG  | 12 W/m               | 665 W   | 75.6 – 87.5 $\Omega$   | 55 m   | NRG-DM              |
| SZ18300315      | R-BK-B-73.0M-895W/NRG  | 12 W/m               | 895 W   | 56.2 – 65.1 $\Omega$   | 73 m   | NRG-DM              |
| SZ18300316      | R-BK-B-98.0M-1210W/NRG | 12 W/m               | 1210 W  | 41.5 – 48.1 $\Omega$   | 98 m   | NRG-DM              |
| SZ18300317      | R-BK-B-14.5M-180W/T0   | 12 W/m               | 180 W   | 282.3 – 326.9 $\Omega$ | 14.5 m | Nee                 |
| SZ18300318      | R-BK-B-20.0M-250W/T0   | 12 W/m               | 250 W   | 201 – 232.8 $\Omega$   | 20 m   | Nee                 |
| SZ18300319      | R-BK-B-26.5M-325W/T0   | 12 W/m               | 325 W   | 154.6 – 179 $\Omega$   | 26.5 m | Nee                 |
| SZ18300320      | R-BK-B-35.5M-435W/T0   | 12 W/m               | 435 W   | 116.1 – 134.4 $\Omega$ | 35.5 m | Nee                 |
| SZ18300321      | R-BK-B-46.0M-565W/T0   | 12 W/m               | 565 W   | 88.8 – 102.8 $\Omega$  | 46 m   | Nee                 |
| SZ18300322      | R-BK-B-55.0M-665W/T0   | 12 W/m               | 665 W   | 75.6 – 87.5 $\Omega$   | 55 m   | Nee                 |
| SZ18300323      | R-BK-B-73.0M-895W/T0   | 12 W/m               | 895 W   | 56.2 – 65.1 $\Omega$   | 73 m   | Nee                 |
| SZ18300324      | R-BK-B-98.0M-1210W/T0  | 12 W/m               | 1210 W  | 41.5 – 48.1 $\Omega$   | 98 m   | Nee                 |
| SZ18300325      | R-BK-C-12.0M-215W/T0   | 20 W/m               | 215 W   | 233.7 – 270.7 $\Omega$ | 12 m   | Nee                 |
| SZ18300326      | R-BK-C-16.0M-310W/T0   | 20 W/m               | 310 W   | 162.1 – 187.7 $\Omega$ | 16 m   | Nee                 |
| SZ18300327      | R-BK-C-21.0M-410W/T0   | 20 W/m               | 410 W   | 122.6 – 141.9 $\Omega$ | 21 m   | Nee                 |

| Catalogusnummer | Naam van het item       | Nominal Power Output | Voeding | Resistance Range       | Lengte | Thermostat Included |
|-----------------|-------------------------|----------------------|---------|------------------------|--------|---------------------|
| SZ18300328      | R-BK-C-28.0M-550W/T0    | 20 W/m               | 550 W   | 91.4 – 105.8 $\Omega$  | 28 m   | Nee                 |
| SZ18300329      | R-BK-C-43.0M-850W/T0    | 20 W/m               | 850 W   | 59.1 – 68.5 $\Omega$   | 43 m   | Nee                 |
| SZ18300330      | R-BK-C-57.0M-1150W/T0   | 20 W/m               | 1150 W  | 43.7 – 50.6 $\Omega$   | 57 m   | Nee                 |
| SZ18300331      | R-BK-C-74.0M-1490W/T0   | 20 W/m               | 1490 W  | 33.7 – 39.1 $\Omega$   | 74 m   | Nee                 |
| SZ18300332      | R-BK-C-82.0M-1625W/T0   | 20 W/m               | 1625 W  | 30.9 – 35.8 $\Omega$   | 82 m   | Nee                 |
| SZ18300333      | R-BK-C-109.0M-2200W/T0  | 20 W/m               | 2200 W  | 22.8 – 26.5 $\Omega$   | 109 m  | Nee                 |
| SZ18300334      | R-BK-C-12.0M-215W/NRG   | 20 W/m               | 215 W   | 233.7 – 270.7 $\Omega$ | 12 m   | NRG-DM              |
| SZ18300335      | R-BK-C-16.0M-310W/NRG   | 20 W/m               | 310 W   | 162.1 – 187.7 $\Omega$ | 16 m   | NRG-DM              |
| SZ18300336      | R-BK-C-21.0M-410W/NRG   | 20 W/m               | 410 W   | 122.6 – 141.9 $\Omega$ | 21 m   | NRG-DM              |
| SZ18300337      | R-BK-C-28.0M-550W/NRG   | 20 W/m               | 550 W   | 91.4 – 105.8 $\Omega$  | 28 m   | NRG-DM              |
| SZ18300338      | R-BK-C-43.0M-850W/NRG   | 20 W/m               | 850 W   | 59.1 – 68.5 $\Omega$   | 43 m   | NRG-DM              |
| SZ18300339      | R-BK-C-57.0M-1150W/NRG  | 20 W/m               | 1150 W  | 43.7 – 50.6 $\Omega$   | 57 m   | NRG-DM              |
| SZ18300340      | R-BK-C-74.0M-1490W/NRG  | 20 W/m               | 1490 W  | 33.7 – 39.1 $\Omega$   | 74 m   | NRG-DM              |
| SZ18300341      | R-BK-C-82.0M-1625W/NRG  | 20 W/m               | 1625 W  | 30.9 – 35.8 $\Omega$   | 82 m   | NRG-DM              |
| SZ18300342      | R-BK-C-109.0M-2200W/NRG | 20 W/m               | 2200 W  | 22.8 – 26.5 $\Omega$   | 109 m  | NRG-DM              |
| SZ18300489      | R-BK-B-125.0M-1500W/NRG | 12 W/m               | 1500 W  | 33.4 – 38.6 $\Omega$   | 125 m  | NRG-DM              |
| SZ18300490      | R-BK-B-150.0M-1800W/NRG | 12 W/m               | 1800 W  | 28.2 – 32.7 $\Omega$   | 150 m  | NRG-DM              |
| SZ18300491      | R-BK-B-175.0M-2200W/NRG | 12 W/m               | 2200 W  | 22.9 – 26.6 $\Omega$   | 175 m  | NRG-DM              |

| Catalogusnummer | Naam van het item      | Nominal Power Output | Voeding | Resistance Range     | Lengte | Thermostat Included |
|-----------------|------------------------|----------------------|---------|----------------------|--------|---------------------|
| SZ18300492      | R-BK-B-125.0M-1500W/T0 | 12 W/m               | 1500 W  | 33.4 – 38.6 $\Omega$ | 125 m  | Nee                 |
| SZ18300493      | R-BK-B-150.0M-1800W/T0 | 12 W/m               | 1800 W  | 28.2 – 32.7 $\Omega$ | 150 m  | Nee                 |
| SZ18300494      | R-BK-B-175.0M-2200W/T0 | 12 W/m               | 2200 W  | 22.9 – 26.6 $\Omega$ | 175 m  | Nee                 |

## WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van [www.nvent.com](http://www.nvent.com) of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

### Noord-Amerika

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)

### Latijns-Amerika

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM PYROTENAX TRACER NUHEAT**