

# Copper-Bonded Ground Rod, Threaded



## CARACTERISTICI

Cold-rolled threads with continuous, unbroken grain flows preserve copper coating and are stronger than cut threads

99.9% pure electrolytic copper coating

Rods have a high carbon steel core and tip that provide superior strength when driving

Copper coating will not crack when bent or tear when driven

Minimum copper coating of 10 mils on rods listed to UL® 467

nVent ERICO name, length, diameter and part number is roll-stamped within 12" (304,8 mm) of chamfered end

UL logo and control number where applicable stamped on each rod for easy inspection after installation

**Tensile Strength:** 552 MPa Min  
**Material:** Copper-Bonded Steel  
**Thread Location:** Pointed and Chamfered Ends



## SPECIFICAȚII

Table 1/2

| Număr de catalog | Article Number | Ground Rod Diameter, Nominal | Ground Rod Diameter, Actual (Ø) | Thread Size (TS) | Length (L) | Plating Thickness |
|------------------|----------------|------------------------------|---------------------------------|------------------|------------|-------------------|
| 631303           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 3m         | 330µm             |
| 631340           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 1.2m       | 254µm             |
| 631300           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 3m         | 254µm             |
| 631380           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 2.4m       | 254µm             |
| 631360           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 1.8m       | 254µm             |
| 631350           |                | 1/2"                         | 12.8 mm                         | 9/16" UNC        | 1.5m       | 254µm             |
| 6358660          |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 2m         | 254µm             |
| 635880           | 635880         | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 2.4m       | 254µm             |
| 635800           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 3m         | 254µm             |
| 635840           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 1.2m       | 254µm             |

| Număr de catalog | Article Number | Ground Rod Diameter, Nominal | Ground Rod Diameter, Actual (Ø) | Thread Size (TS) | Length (L) | Plating Thickness |
|------------------|----------------|------------------------------|---------------------------------|------------------|------------|-------------------|
| 635883           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 2.4m       | 330µm             |
| 635850           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 1.5m       | 254µm             |
| 635803           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 3m         | 330µm             |
| 635870           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 2.1m       | 254µm             |
| 635860           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 1.8m       | 254µm             |
| 635830           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 0.9m       | 254µm             |
| 635843           |                | 5/8"                         | 14.2 mm                         | 5/8" UNC         | 1.2m       | 330µm             |
| 633450           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 1.5m       | 254µm             |
| 633480           | 633480         | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 2.4m       | 254µm             |
| 6334330          |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 1m         | 254µm             |

Table 2/2

| Număr de catalog | Article Number | Ground Rod Diameter, Nominal | Ground Rod Diameter, Actual (Ø) | Thread Size (TS) | Length (L) | Plating Thickness |
|------------------|----------------|------------------------------|---------------------------------|------------------|------------|-------------------|
| 633463           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 1.8m       | 330µm             |
| 633460           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 1.8m       | 254µm             |
| 633470           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 2.1m       | 254µm             |
| 633440           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 1.2m       | 254µm             |
| 633400           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 3m         | 254µm             |
| 633430           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 0.9m       | 254µm             |
| 633415           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 4.6m       | 254µm             |
| 633403           |                | 3/4"                         | 17.3 mm                         | 3/4" UNC         | 3m         | 330µm             |
| 634400           |                | 1"                           | 23.2 mm                         | 1" UNC           | 3m         | 254µm             |

Table 1/2

| Număr de catalog | Article Number | Unit Weight | Complies With                    | Certifications            |
|------------------|----------------|-------------|----------------------------------|---------------------------|
| 631303           |                | 3.2 kg      | ANSI®/NEMA® GR1                  | cUL, UL                   |
| 631340           |                | 1.2 kg      |                                  |                           |
| 631300           |                | 3.1 kg      | ANSI®/NEMA® GR1                  | CSA-US, CSA, UL, cUL      |
| 631380           |                | 2.4 kg      | ANSI®/NEMA® GR1                  | UL                        |
| 631360           |                | 1.9 kg      |                                  |                           |
| 631350           |                | 1.6 kg      |                                  |                           |
| 6358660          |                | 2.48 kg     | IEC® EN 62561-2                  |                           |
| 635880           | 635880         | 3 kg        | ANSI®/NEMA® GR1, IEC® EN 62561-2 | RUS, UL                   |
| 635800           |                | 3.8 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | CSA, RUS, CSA-US, cUL, UL |
| 635840           |                | 1.5 kg      | IEC® EN 62561-2                  |                           |

| Număr de catalog | Article Number | Unit Weight | Complies With                    | Certifications |
|------------------|----------------|-------------|----------------------------------|----------------|
| 635883           |                | 3 kg        | ANSI®/NEMA® GR1, IEC® EN 62561-2 | RUS, UL        |
| 635850           |                | 1.9 kg      | IEC® EN 62561-2                  |                |
| 635803           |                | 3.9 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | RUS, UL, cUL   |
| 635870           |                | 2.9 kg      | IEC® EN 62561-2                  |                |
| 635860           |                | 2.3 kg      | IEC® EN 62561-2                  |                |
| 635830           |                | 1.2 kg      | IEC® EN 62561-2                  |                |
| 635843           |                | 1.5 kg      | IEC® EN 62561-2                  |                |
| 633450           |                | 2.8 kg      | IEC® EN 62561-2                  |                |
| 633480           | 633480         | 4.4 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | UL, RUS        |
| 6334330          |                | 2.79 kg     | IEC® EN 62561-2                  |                |

Table 2/2

| Număr de catalog | Article Number | Unit Weight | Complies With                    | Certifications            |
|------------------|----------------|-------------|----------------------------------|---------------------------|
| 633463           |                | 3.2 kg      | IEC® EN 62561-2                  |                           |
| 633460           |                | 3.2 kg      | IEC® EN 62561-2                  |                           |
| 633470           |                | 3.9 kg      | IEC® EN 62561-2                  |                           |
| 633440           |                | 2.2 kg      | IEC® EN 62561-2                  |                           |
| 633400           |                | 5.7 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | UL, cUL, RUS, CSA-US, CSA |
| 633430           |                | 1.7 kg      | IEC® EN 62561-2                  |                           |
| 633415           |                | 8.5 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | UL, cUL                   |
| 633403           |                | 5.7 kg      | ANSI®/NEMA® GR1, IEC® EN 62561-2 | cUL, UL                   |
| 634400           |                | 10 kg       | ANSI®/NEMA® GR1                  | CSA-US, UL, cUL, CSA      |

## DETALII SUPLIMENTARE DESPRE PRODUS

For rods to be listed to UL® 467, they must be at least 8' (2.44 m) in length.

IEC® EN 62561-2 supercedes EN 50164-2.



## AVERTIZARE

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Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe [www.nvent.com](http://www.nvent.com) și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răniri corporale grave și moarte și/sau poate anula garanția dvs.

⚠ WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### North America

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Option 1 – Customer Care

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