

# Copper-Bonded Ground Rod, Threaded



## CERTIFICATIONS



## FEATURES

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

## SPECIFICATIONS

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

Table 1/2

Catalog Number	Article Number	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
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631300		1/2"	12.8 mm	9/16" UNC	3m	254µm
631303		1/2"	12.8 mm	9/16" UNC	3m	330µm
631340		1/2"	12.8 mm	9/16" UNC	1.2m	254µm
631350		1/2"	12.8 mm	9/16" UNC	1.5m	254µm
631360		1/2"	12.8 mm	9/16" UNC	1.8m	254µm
631380		1/2"	12.8 mm	9/16" UNC	2.4m	254µm
635800		5/8"	14.2 mm	5/8" UNC	3m	254µm
635803		5/8"	14.2 mm	5/8" UNC	3m	330µm
635830		5/8"	14.2 mm	5/8" UNC	0.9m	254µm
635840		5/8"	14.2 mm	5/8" UNC	1.2m	254µm
635843		5/8"	14.2 mm	5/8" UNC	1.2m	330µm
635850		5/8"	14.2 mm	5/8" UNC	1.5m	254µm
635860		5/8"	14.2 mm	5/8" UNC	1.8m	254µm
6358660		5/8"	14.2 mm	5/8" UNC	2m	254µm
635870		5/8"	14.2 mm	5/8" UNC	2.1m	254µm
635880	635880	5/8"	14.2 mm	5/8" UNC	2.4m	254µm
635883		5/8"	14.2 mm	5/8" UNC	2.4m	330µm
633400		3/4"	17.3 mm	3/4" UNC	3m	254µm
633403		3/4"	17.3 mm	3/4" UNC	3m	330µm

633415		3/4"	17.3 mm	3/4" UNC	4.6m	254µm
633430		3/4"	17.3 mm	3/4" UNC	0.9m	254µm
6334330		3/4"	17.3 mm	3/4" UNC	1m	254µm
633440		3/4"	17.3 mm	3/4" UNC	1.2m	254µm
633450		3/4"	17.3 mm	3/4" UNC	1.5m	254µm
633460		3/4"	17.3 mm	3/4" UNC	1.8m	254µm
633463		3/4"	17.3 mm	3/4" UNC	1.8m	330µm
633470		3/4"	17.3 mm	3/4" UNC	2.1m	254µm
633480	633480	3/4"	17.3 mm	3/4" UNC	2.4m	254µm
634400		1"	23.2 mm	1" UNC	3m	254µm

Table 2/2

Catalog Number	Article Number	Unit Weight	Complies With	Certifications
631300		3.1 kg	ANSI®/NEMA® GR1	CSA-US, UL, CSA, cUL
631303		3.2 kg	ANSI®/NEMA® GR1	cUL, UL
631340		1.2 kg		
631350		1.6 kg		
631360		1.9 kg		
631380		2.4 kg	ANSI®/NEMA® GR1	UL
635800		3.8 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, UL, CSA-US, RUS, cUL
635803		3.9 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL

Catalog Number	Article Number	Unit Weight	Complies With	Certifications
635830		1.2 kg	IEC® EN 62561-2	
635840		1.5 kg	IEC® EN 62561-2	
635843		1.5 kg	IEC® EN 62561-2	
635850		1.9 kg	IEC® EN 62561-2	
635860		2.3 kg	IEC® EN 62561-2	
6358660		2.48 kg	IEC® EN 62561-2	
635870		2.9 kg	IEC® EN 62561-2	
635880	635880	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635883		3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
633400		5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL, CSA-US, RUS, CSA
633403		5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	cUL, UL
633415		8.5 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL
633430		1.7 kg	IEC® EN 62561-2	
6334330		2.79 kg	IEC® EN 62561-2	
633440		2.2 kg	IEC® EN 62561-2	
633450		2.8 kg	IEC® EN 62561-2	
633460		3.2 kg	IEC® EN 62561-2	
633463		3.2 kg	IEC® EN 62561-2	

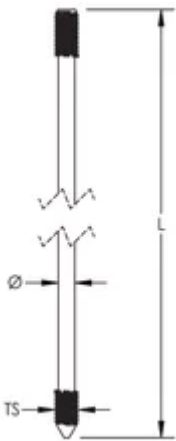
Catalog Number	Article Number	Unit Weight	Complies With	Certifications
633470		3.9 kg	IEC® EN 62561-2	
633480	633480	4.4 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, RUS
634400		10 kg	ANSI®/NEMA® GR1	CSA-US, UL, cUL, CSA

## ADDITIONAL PRODUCT DETAILS

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.

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ 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).

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