

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

Tensile Strength: 80000 lbf/in² Min

Table 1/2

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
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631300	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	10'	10mil
631303	Pointed and Chamfered Ends	1/2"	0.51"	9/16" UNC	10'	13mil
631340	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	4'	10mil
631350	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	5'	10mil
631360	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	6'	10mil
631380	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	8'	10mil
625850	Chamfered (Non-Pointed) End Only	5/8"	0.56"	5/8" UNC	5'	10mil
635800	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	10'	10mil
635803	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	10'	13mil
635830	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	3'	10mil
635840	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	4'	10mil
635843	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	4'	13mil
635850	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	5'	10mil
635860	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	6'	10mil
6358660	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	6.6'	10mil

635870	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	7'	10mil
635880	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	8'	10mil
635883	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	8'	13mil
633400	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	10'	10mil
633403	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	10'	13mil
633415	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	15'	10mil
633430	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	3'	10mil
6334330	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	3.3'	10mil
633440	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	4'	10mil
633450	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	5'	10mil
633460	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	6'	10mil
633463	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	6'	13mil
633470	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	7'	10mil
633480	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	8'	10mil
634400	Pointed and Chamfered Ends	1"	0.91"	1" UNC	10'	10mil

Table 2/2

Catalog Number	Unit Weight	Complies With	Certifications
631300	6.9 lb	ANSI®/NEMA® GR1	CSA-US, UL, CSA, cUL
631303	7 lb	ANSI®/NEMA® GR1	cUL, UL
631340	2.7 lb		
631350	3.5 lb		
631360	4.2 lb		
631380	5.4 lb	ANSI®/NEMA® GR1	UL
625850	4.2 lb	IEC® EN 62561-2	
635800	8.4 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, UL, CSA-US, RUS, cUL
635803	8.5 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL
635830	2.6 lb	IEC® EN 62561-2	
635840	3.4 lb	IEC® EN 62561-2	
635843	3.4 lb	IEC® EN 62561-2	
635850	4.2 lb	IEC® EN 62561-2	
635860	5 lb	IEC® EN 62561-2	
6358660	5.48 lb	IEC® EN 62561-2	
635870	6.4 lb	IEC® EN 62561-2	
635880	6.7 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635883	6.7 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL

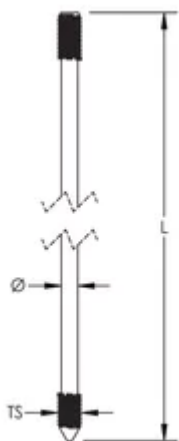
Catalog Number	Unit Weight	Complies With	Certifications
633400	12.5 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL, CSA-US, RUS, CSA
633403	12.5 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	cUL, UL
633415	18.8 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL
633430	3.8 lb	IEC® EN 62561-2	
6334330	6.16 lb	IEC® EN 62561-2	
633440	4.9 lb	IEC® EN 62561-2	
633450	6.2 lb	IEC® EN 62561-2	
633460	7.1 lb	IEC® EN 62561-2	
633463	7.1 lb	IEC® EN 62561-2	
633470	8.5 lb	IEC® EN 62561-2	
633480	9.6 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, RUS
634400	22.1 lb	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 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.

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