

Copper-Bonded Ground Rod, Threaded



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

Tensile Strength: 80000 lbf/in² Min
Material: Copper-Bonded Steel



SPECIFICATIONS

Table 1/2

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
631350 	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	5'	10mil
631303	Pointed and Chamfered Ends	1/2"	0.51"	9/16" UNC	10'	13mil
631300 	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	10'	10mil
631360	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	6'	10mil
631340	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	4'	10mil
631380 	Pointed and Chamfered Ends	1/2"	0.5"	9/16" UNC	8'	10mil

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual(Ø)	ThreadSize (TS)	Length (L)	Plating Thickness
635883 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	8'	13mil
635880 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	8'	10mil
635860 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	6'	10mil
635840 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	4'	10mil
6358660	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	6.6'	10mil
635830 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	3'	10mil
635870 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	7'	10mil
625850 	Chamfered (Non-Pointed) End Only	5/8"	0.56"	5/8" UNC	5'	10mil
635850 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	5'	10mil
635803 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	10'	13mil
635800 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	10'	10mil
635843 	Pointed and Chamfered Ends	5/8"	0.56"	5/8" UNC	4'	13mil
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

Table 2/2

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
6334330 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	3.3'	10mil
633430 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	3'	10mil
633415 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	15'	10mil
633463 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	6'	13mil

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
633440 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	4'	10mil
633403 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	10'	13mil
633480 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	8'	10mil
633400 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	10'	10mil
633470 	Pointed and Chamfered Ends	3/4"	0.68"	3/4" UNC	7'	10mil
634400	Pointed and Chamfered Ends	1"	0.91"	1" UNC	10'	10mil

Table 1/2

Catalog Number	Unit Weight	Complies With	Certifications
631350 	3.5 lb		
631303	7 lb	ANSI®/NEMA® GR1	cUL, UL
631300 	6.9 lb	ANSI®/NEMA® GR1	CSA-US, CSA, UL, cUL
631360	4.2 lb		
631340	2.7 lb		
631380 	5.4 lb	ANSI®/NEMA® GR1	UL
635883 	6.7 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635880 	6.7 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635860 	5 lb	IEC® EN 62561-2	
635840 	3.4 lb	IEC® EN 62561-2	
6358660	5.48 lb	IEC® EN 62561-2	
635830 	2.6 lb	IEC® EN 62561-2	
635870 	6.4 lb	IEC® EN 62561-2	
625850 	4.2 lb	IEC® EN 62561-2	
635850 	4.2 lb	IEC® EN 62561-2	
635803 	8.5 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL
635800 	8.4 lb	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, RUS, CSA-US, cUL, UL
635843 	3.4 lb	IEC® EN 62561-2	
633450 	6.2 lb	IEC® EN 62561-2	
633460 	7.1 lb	IEC® EN 62561-2	

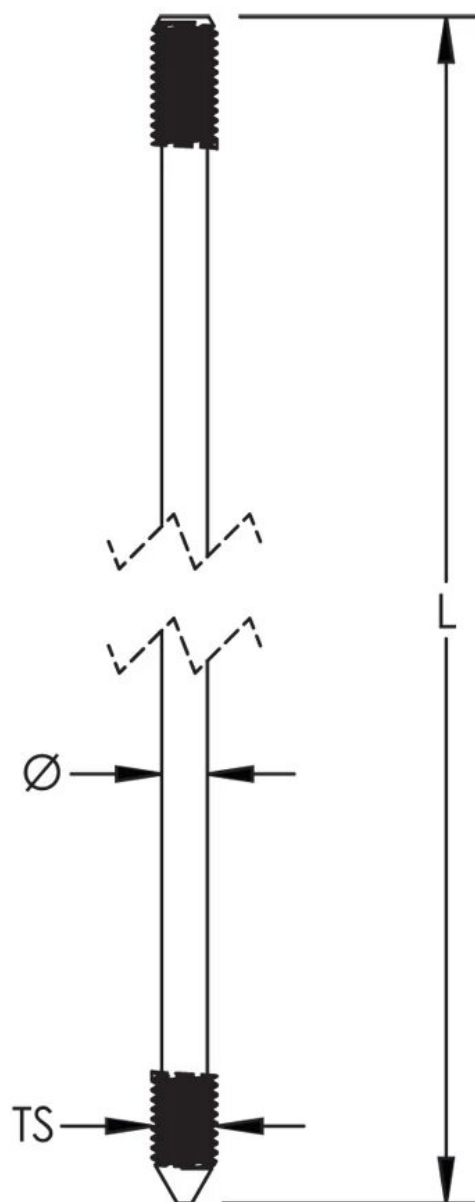
Table 2/2

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



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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