

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

Material: Copper-Bonded Steel
Tensile Strength: 552 MPa Min



SPECIFICATIONS

Table 1/2

Catalog Number	Color	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)
625850	Silver	Chamfered (Non-Pointed) End Only	5/8"	14.2 mm	5/8" UNC	1.5m
631300	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	3m
631303	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	3m
631340	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.2m
631350	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.5m
631360	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.8m

Catalog Number	Color	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)
631380	Green	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	2.4m
633400	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	3m
633403	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	3m
633415	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	4.6m
633430	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	0.9m
6334330	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1m
633440	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.2m
633450	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.5m
633460	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.8m
633463	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.8m
633470	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	2.1m
633480	Yellow	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	2.4m
634400		Pointed and Chamfered Ends	1"	23.2 mm	1" UNC	3m
635800	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	3m

Table 2/2

Catalog Number	Color	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)
635803	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	3m
635830	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	0.9m
635840	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.2m
635843	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.2m

Catalog Number	Color	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)
635850	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.5m
635860	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.8m
6358660	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2m
635870	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.1m
635880	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.4m
635883	Silver	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.4m

Table 1/2

Catalog Number	Plating Thickness	Unit Weight	Complies With	Certifications
625850	254µm	1.9 kg	IEC® EN 62561-2	
631300	254µm	3.1 kg	ANSI®/NEMA® GR1	CSA-US, CSA, UL, cUL
631303	330µm	3.2 kg	ANSI®/NEMA® GR1	cUL, UL
631340	254µm	1.2 kg		
631350	254µm	1.6 kg		
631360	254µm	1.9 kg		
631380	254µm	2.4 kg	ANSI®/NEMA® GR1	UL
633400	254µm	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL, RUS, CSA-US, CSA
633403	330µm	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	cUL, UL
633415	254µm	8.5 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL
633430	254µm	1.7 kg	IEC® EN 62561-2	
6334330	254µm	2.79 kg	IEC® EN 62561-2	
633440	254µm	2.2 kg	IEC® EN 62561-2	
633450	254µm	2.8 kg	IEC® EN 62561-2	
633460	254µm	3.2 kg	IEC® EN 62561-2	
633463	330µm	3.2 kg	IEC® EN 62561-2	
633470	254µm	3.9 kg	IEC® EN 62561-2	
633480	254µm	4.4 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, RUS
634400	254µm	10 kg	ANSI®/NEMA® GR1	CSA-US, UL, cUL, CSA
635800	254µm	3.8 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, RUS, CSA-US, cUL, UL

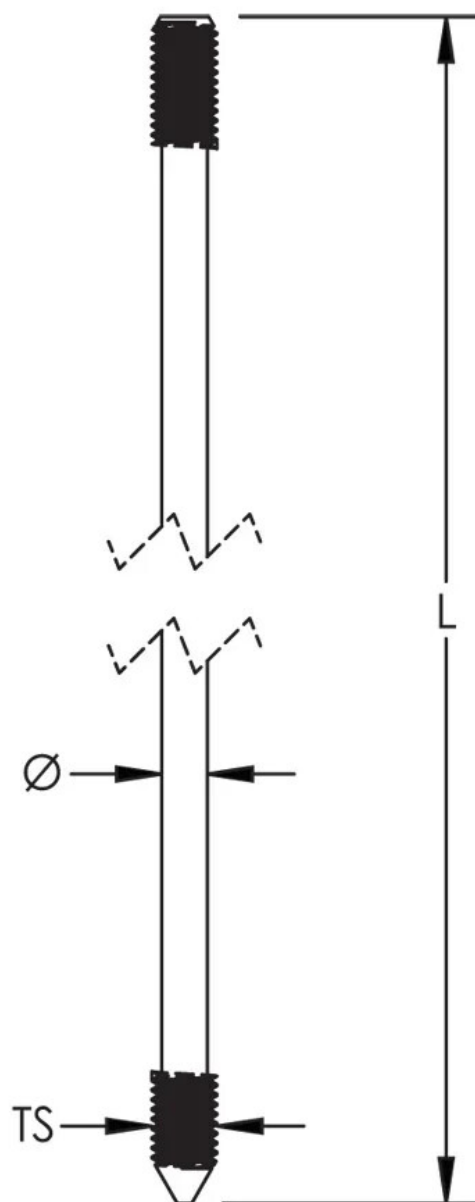
Table 2/2

Catalog Number	Plating Thickness	Unit Weight	Complies With	Certifications
635803	330µm	3.9 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL
635830	254µm	1.2 kg	IEC® EN 62561-2	
635840	254µm	1.5 kg	IEC® EN 62561-2	
635843	330µm	1.5 kg	IEC® EN 62561-2	
635850	254µm	1.9 kg	IEC® EN 62561-2	
635860	254µm	2.3 kg	IEC® EN 62561-2	
6358660	254µm	2.48 kg	IEC® EN 62561-2	
635870	254µm	2.9 kg	IEC® EN 62561-2	
635880	254µm	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635883	330µm	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL

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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