PETUNIA
INVISIBLE PROTECTION

EARTHING SYSTEM

Manufacturing, Designing and Testing of:
Earthing, Exothermic welding, Lightning & Cathodic Protection Systems

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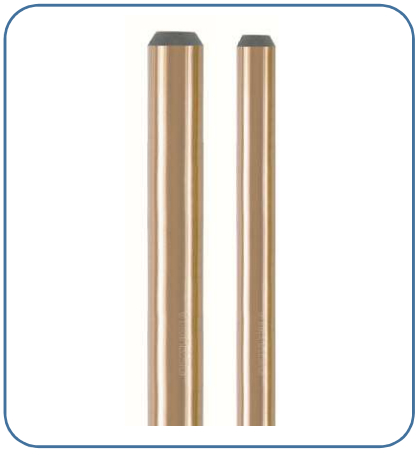
DATA SHEET

Application:

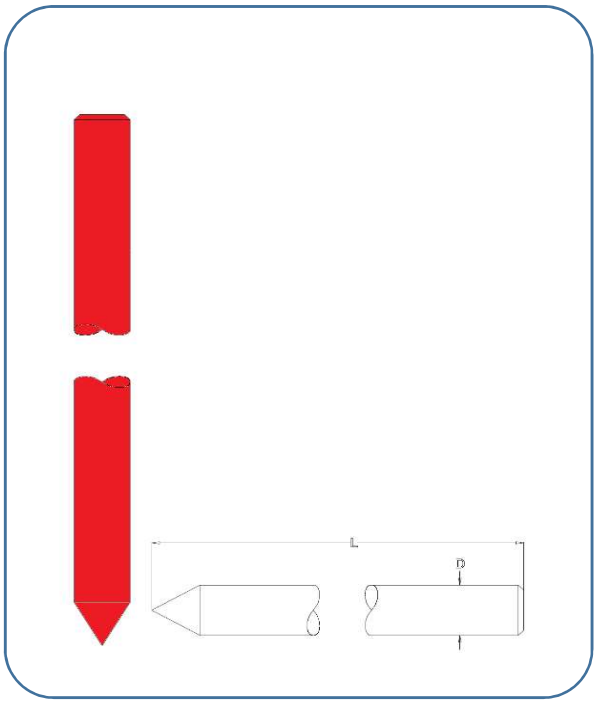
Copper bond earth rods are the ideal driven earth electrodes, as they offer the installer an economical and efficient earth rod grounding system. Pure copper is molecularly bonded into a high tensile steel core to a minimum thickness of 254 µm, as UL 467 (1996) States:

"The copper jacket shall not be less than 0.010 inch (0.25 µm) thick at any point and shall comply with the adherence requirement and bending requirement thus ensuring excellent corrosion resistance and eliminating electrolytic action."

Deep driven Petunia copper bond earth rods are an economical method of achieving a low earth resistance.



Structure Outline:



Specification:

Coupling thread Rods are formed by a rolling process to ensure thread strength and to maintain the integrity of the molecularly bonded copper.

Reference code	Ø		Length		Box	Weight Kg
	mm		m	Feet		
GR-NE 16/1200	16		1.2	4	5	1.9
GR-NE 16/1500	16		1.5	5	5	2.5
GR-NE 16/2000	16		2	7	5	3.2
GR-NE 16/3000	16		3	10	5	4.8
GR-NE 20/1200	20		1.2	4	5	2.9
GR-NE 20/1500	20		1.5	5	5	3.7
GR-NE 20/2000	20		2	7	5	4.9
GR-NE 20/3000	20		3	10	5	7.4

THREADED TYPE, EXTENDING WITH THREADED COUPLER COPPER CLAD STEEL GROUND RODS

- Molecularly copper plated steel
- Copper coating min. 254 µm according to standard UL 467
- Thread rolled to preserve its copper coating

Titel:	Document No.:						
Copper Bonded Earth Rod (GR-NE)							
	Rev.:	0	Issued For Approval	97/10/20	K. J.	M.R.Hedayati	M.R.Hedayati
	Page:	1/2	Description	Date	Prepared	Checked	Approved

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