

# Copper Bonded Ground Rod

These ground rods are available in diameters from 9.5mm to 50mm and lengths from 0.3m to 6m. The copper thickness ranges from 0.025mm to 0.8mm, with a tensile strength of e 500Mpa.



## Product Overview

### High-Performance Grounding Solution

This copper-bonded ground rod utilizes a 99.95% pure copper layer molecularly bonded to a low-carbon steel core through an advanced electroplating process. Designed for durability and high conductivity, the rod provides an effective, corrosion-resistant path to earth for fault currents. It is engineered to meet rigorous national and international standards, ensuring reliability for critical electrical infrastructure.

## Technical Specifications

### Available Diameters

- 1/2 inch
- 5/8 inch
- 3/4 inch

Material Composition	99.95% Pure copper on low-carbon steel
Copper Layer Thickness	254 microns
Compliance Standards	UL467, BS7430

## Features

### Key Features

High Conductivity • Anti-Corrosion • Easy Installation • Molecularly Bonded

### Customization Options

- Threaded
- Tipped