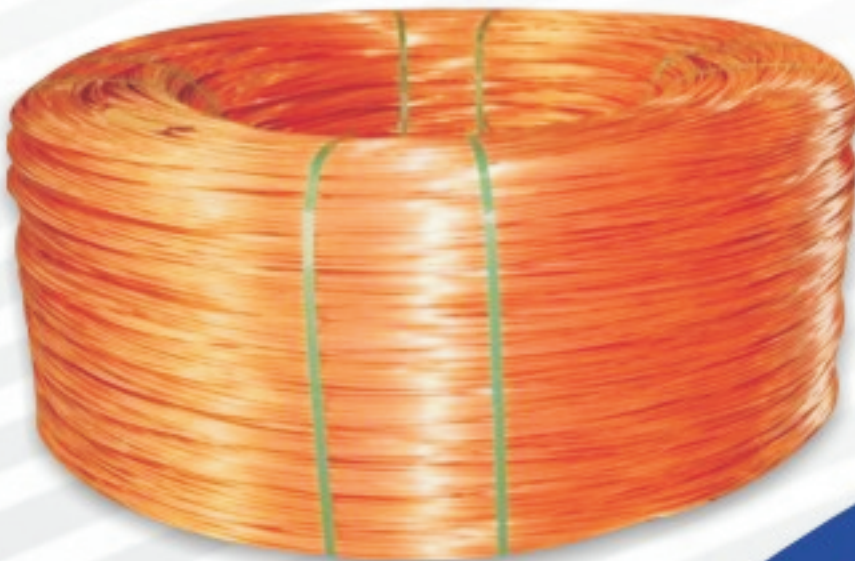


# SONA™

The Complete Solution

## COPPER ROD



58 Years of  
Engineering  
Excellence  
Since 1960

**Universal Metals (Pvt.) Ltd** is producing high quality Copper Rod from modern state of-the-art Copper casting plant in which Copper Cathodes are converted into 8mm diameter Electrolytic Copper Rod as per ASTM-B49/98. A high level of purity is maintained to minimize electrical losses. Our Copper Rod is suitable to produce:

- HT/LT Power Cables.
- House Wiring Cables.
- Enameled Copper Wire.
- Paper Covered Copper Strip / Conductor.
- Overhead Copper Conductors (SDBC).
- Automobile Wire Harnesses.
- Communication Cables.
- Jelly Filled Telephone Cables.

## COPPER ROD CONFORMING TO ASTM B-49/98

Technical Characteristics of ASTM B -49/98	
Nominal Diameter	8.00 mm
Tolerance	±0.38 mm
Cu Purity	Min 99.9%
Oxygen Content	100 - 400 p.p.m
Elongation	min. 30 % (250 mm)
Tensile Strength	220 N / mm <sup>2</sup>
Electrical Resistivity	max. 0.017241 Ω.mm <sup>2</sup> /m (eq.to min. 1/58 Ω.mm <sup>2</sup> / m or min. 100% IACS conductivity).
Delivery State	Bright (deoxidized in an alcohol bath solution and protected against oxidation by a hydrosoluble wax layer)

### PACKING:

- The rod is delivered in coils of 3000 to 4000 kg. Single Piece Weld Free (Smooth Surface) Each coil is secured with at Least 6 steel strips on a wooden pallet and covered with plastic foil.
- We also pack the coils as per customer desired packing.
- We produce copper rod in 8mm, 10.5mm & 14 mm Dia.



**Universal Metals (Pvt.) Ltd.**

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