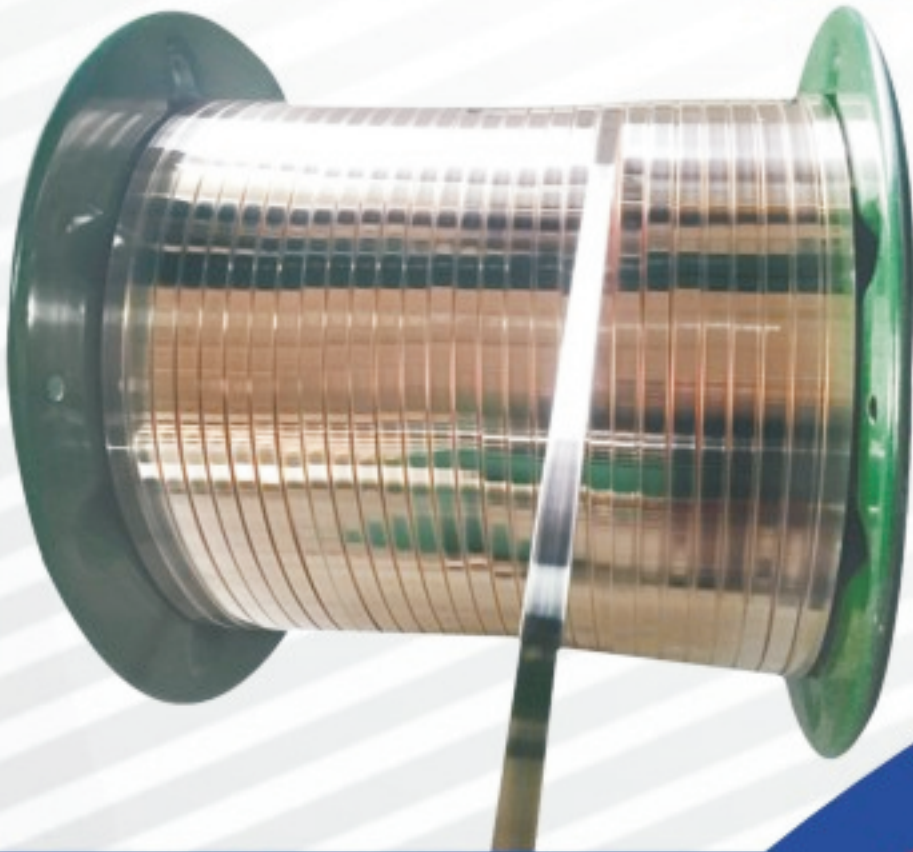
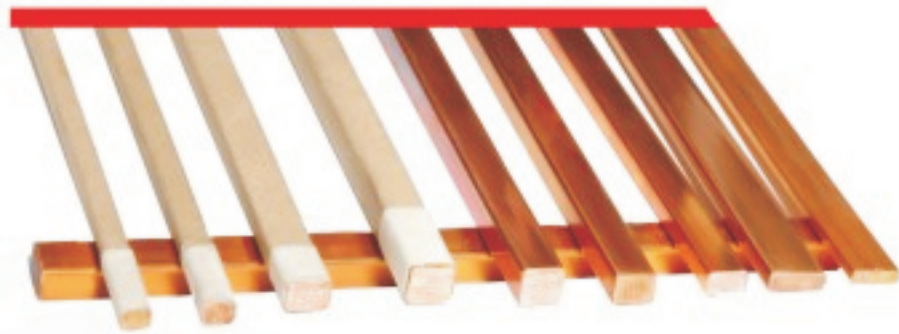


SONA™

The Complete Solution

COPPER STRIP



58 Years of
Engineering
Excellence
Since 1960

Universal Metals (Pvt.) Ltd offers a wide range of high quality insulated Copper Strips and Flexible Ropes with different insulation types and design to customer specifications. “SONA” Brand Insulated Strips and Copper Ropes are mainly used in Power, Distribution and Dry Type Transformers Winding, Motors and Generators etc.

Products Range:

- Bare Round and Rectangular Copper Strips.
- Flexible Copper Rope Insulated With Kraft Paper as per Customer Requirement.
- Round and Rectangular Copper Strips Insulated with several layers of Kraft Paper.
- Thermally Upgraded Paper.
- High Temperature Insulated Copper Strip/Rope/Wire (SONAMEX, Mica & Fiber) as per Customer Requirement.

NOMEX Paper Wrapped Copper Wire / Strip	
Code	SONAMEX
Composition	Copper and Aluminum, SONAMEX Paper Covered
Characteristic	Good Thermal Properties
Application	Class C Motor and Electrical Appliances
Rectangular Wire	Thickness 0.90 - 5.60mm Width 2.0 - 30mm
Round Wire	1.0 - 14mm
Flexible Conductor	0.5mm ² - 500mm ²
Temp.Index	200 c°
Test	Breakdown Voltage / Dc Resistance / Mandrel Winding
Applicable Specification	Q / 12NJ - 003
Paper Wrapped Copper Wire / Strip	
Code	SONAPER
Composition	Copper or Aluminum, Kraft paper or as required by Customer
Characteristic	Resistance to high Voltage in Oil
Application	Transformers
Rectangular Wire	Thickness 0.8 - 5.60mm Width 2.00 - 30.00mm
Round Wire	1.5 - 14mm
Flexible Conductor	0.5mm ² - 500 mm ²
Temp.Index	105 c°
Test	Breakdown Voltage / Dc Resistance / Mandrel Winding
Applicable	IEC60317 - 27 (1999)

Products Range

- Copper Rope: As Desired by Customer's Design / Specification.
- Copper Strip Cross-Sectional Area: 5.0mm²-100.0mm².

Note: We can also Produce Special sizes as per Customer Design / Specifications.



Universal Metals (Pvt.) Ltd.

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