

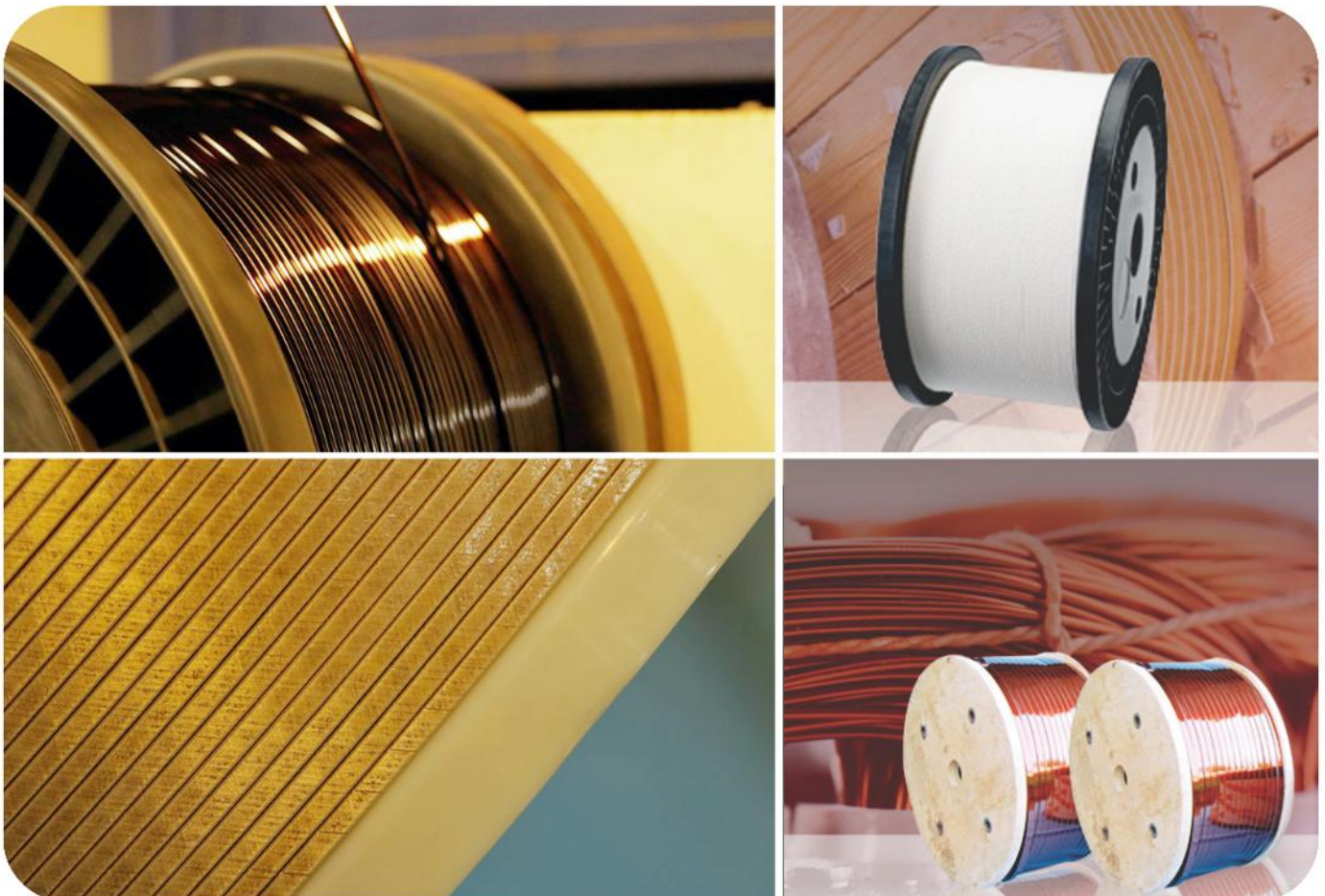


Victory Wires

Delivering quality with the speed of light, every time.

Estd. 1987

By Palej Conductors Pvt. Ltd.



**Manufacturers of Enamelled , Glass Fibre Covered,
Paper Covered, Mica Covered, Nomex Covered,
Cotton Covered and Bare Copper & Aluminium Wires & Strips.**

WHY US?

Superior Quality. ERDA test reports.
Faster Delivery.
Best Rates.
Unmatched Customer Support.

Our Story

Established in 1987 in Palej, Gujarat with a vision to serve the requirements of transformer Industry with paper Insulated copper and aluminium wires & strips.

Over the years the company has grown to include critical insulations like Enamel, Fibre Glass, Mica, Nomex and Polyester in order to cater the additional requirements of the Electrical Industry.

“Quality you can trust”

Being an ISO-9001 certified organization, the company has reputation of supplying quality products to reputed OEMs of Electrical Equipment with good presence in domestic market.

Company's entire products range is manufactured and tested as per International Standards and as per specifications given by the customer. We have most modern plant & facilities for processing bulk orders for our entire range of products.



Raw Material Source

COPPER ROD - HINDUSTAN COPPER LTD.

ALUMINUM ROD - BALCO, NALCO

NOMEX - DUPONT, USA

ENAMEL - ELANTAS BECK

GLASS YARN - CHINA ORIGIN

KRAFT PAPER - AMOTFORS, SWEDEN

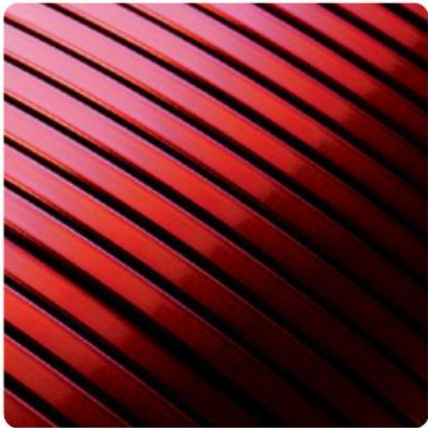
MICA TAPE - VON ROLL / KREMPEL



Enameled Rectangular Copper & Aluminum Wires(Strip)

Temp. Class		Size Range
Polyester Enameled	IS 13730-16	Cross Sectional area 3.6 to 75 Sqmm
Rectangular Copper Wire	IEC 60317-16	Width 4 to 20 mm
Class 155(F)		Thick 0.90 to 6.25 mm
Polyesterimide Enameled	IS 13730-28	Cross Sectional area 3.6 to 75 Sqmm
Rectangular Copper Wire	IEC 60317-28	Width 4 to 20 mm
Class 180(H)		Thick 0.90 to 6.25 mm
Polyesterimide overcoated	IS 13730-29	Cross Sectional area 3.6 to 75 Sqmm
with polyamide-imide	IEC 60317-29	Width 4 to 20 mm
Enameled Rectangular		Thick 0.90 to 6.25 mm
Copper wire Class 200(C)		
(Dual Coat)		

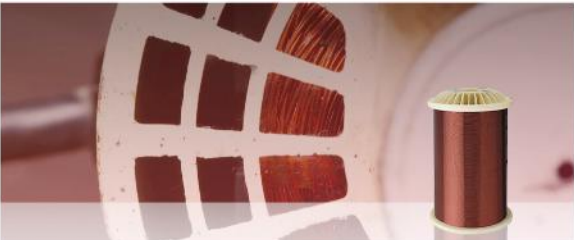
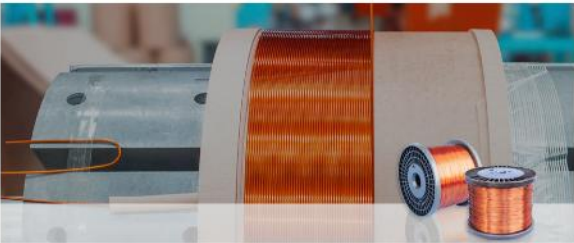
Packaging as per customer requirement (25 kg to 150 kg per spool)



Enameled Round Copper & Aluminum Wires

Temp. Class	Type of Enamel	Specification
'B', 105°C / 120°C	Polyvinyl Acetal (PVA / PVF)	IEC-60317-12
'F', 155°C	Polyester	IEC-60317-03 IS-13730-03
'H', 180°C	Polyesterimide	IEC-60317-08 IS-13730-08
'C', 200°C	Polyesterimide (base coat) +	IEC-60317-13
	Polyamide-imide (top coat)	IS-13730-13 /

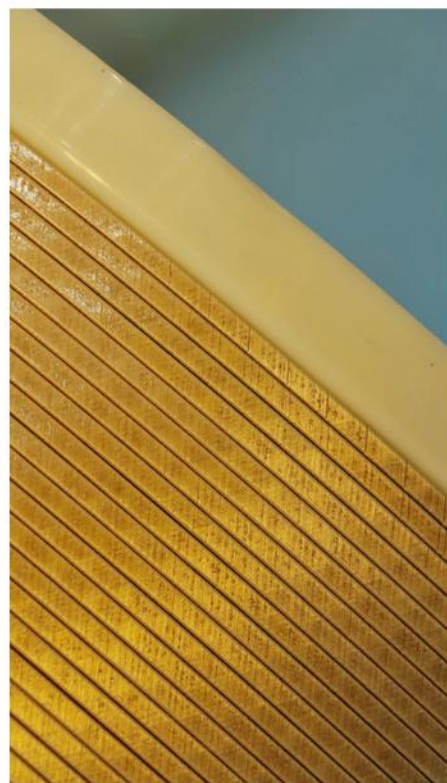
Diameter Range
Copper:
0-12 swg
Aluminum:
0-12swg



Packaging as per customer requirement.

Fiber Glass Covered Copper & Aluminum Strips & Wire

Specification		Size Range
Fiber Glass Covered	IS 13730	Cross Sectional area 3.6 - 75 Sqmm
Copper Strips 155 (F)	Part 32	Width 4-20 mm
		Thickness 0.90 6.25 mm
		Round wire 0 12 swg
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Fiber Glass Covered	IS 13730	Cross Sectional area 3.6 - 75 Sqmm
Copper Strips 180 (H)	Part 31	Width 4-20 mm
		Thickness 0.90 6.25 mm
		Round wire 0 12 swg
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Fiber Glass Covered	IS 13730	Cross Sectional area 3.6 - 75 Sqmm,
Copper Strips 200 (C)	Part 33	Width 4-20 mm,
		Thickness 0.90 6.25 mm
		Round wire 0 12 swg



Packaging as per customer requirement (25 kg to 150 kg per spool)

Note – We also manufacture:

Enamel + Double fibreglass covered Copper and Aluminum wires/ strips & Polyester + Double fibreglass Covered Copper and Aluminum Wires/Strips

NOMEX COVERED ROUND & RECTANGULAR COPPER & ALUMINIUM WIRE

Temp. Class	Type of Insulation	Size Range	Specification
200°C	Nomex Paper	Round Wire: 0-12swg	IEC-60317-43 & 44
		Flat Wire: 3.6 - 75 sq. mm	IS-13730-43 & 44
		Width 4 to 20 mm	
		Thickness 0.90 to 6.25 mm	



Mica Cover Round & Rectangular Copper & Aluminium Wire

Manufacturing Range & Specification

Temp. Class	Type of Insulation	Size Range
200°C	Epoxy / Glass Mica	Round Wire: 0 - 12swg Flat Wire: 3.6 - 75 sq. mm Width 4 to 20 mm Thickness 0.90 to 6.25 mm



Note – We also manufacture :

Enamel + Double fibreglass + Mica covered copper and aluminum wires & strips

Paper Covered Round & Rectangular Copper & Aluminium Wire

Manufacturing Range & Specification

Temp. Class	Type of Insulation	Round Wire: 0 - 12 swg	Specification
105°C	Kraft Paper	Flat Wire: 3.6 - 75 sq. mm Width 4 to 20 mm Thickness 0.90 to 6.25 mm	IEC - 60317-27 IS-13730-27



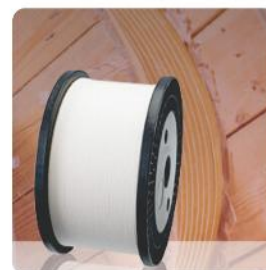
Cotton Covered Copper & Aluminum Wires/ Strips

Size Range

Round Wire	:	0 to 12 swg
For Strips	:	3.6 to 75 sq. mm. copper (Width 4 mm to 20 mm – Thickness 0.90 mm to 6.25 mm)

Specifications

As per IS 7391 part 1 for round copper wires,
IS 7391 part 2 for rectangular copper conductors.



BARE COPPER AND ALUMINIUM WIRES AND STRIPS

Copper Strip:

As per IS 1897, Annealed	
Size Range	: 3.6 to 100sq mm,
Width	: 4 mm to 25 mm,
Thickness	: 0.90 mm to 6 mm

Copper Round Wires :

Size Range: 0 TO 12 SWG

Aluminum Strip:

Annealed Size Range: 3.6 to 100 sq. mm	
For Strip	
Width	: 4 to 25 mm,
Thickness	: 0.90 to 6 mm

Round Wire :

0 swg to 12 swg

Tests Performed

- 1. Tan Delta System**
- 2. High Voltage Breakdown Test**
- 3. Peel Test**
- 4. Scrap resistance Test**
- 5. Elongation Test**
- 6. Tensile Strength Test**
- 7. Resistance Test**
- 8. High Voltage Pin Hole Test**
- 9. Cut Through Test**
- 10. Springiness Test**
- 11. Jerk Test**
- 12. Vickers Test**
- 13. Stiffness Test**
- 14. High Frequency Spark Test**
- 15. Twist Test**
- 16. Mandrel Winder**
- 17. Heat Shock Oven**
- 18. Profile Projector**
- 19. Apparatus for Solvent Test**
- 20. Dimension Test**



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