

BARE COPPER WIRE & STRIPS



Particular	Specification	Size Range
Bare Copper Wires (Annealed or Hard)	IS4412	1.0 mm to 6.00mm
Bare Copper Strip	IS 1897 / IS 6160	Width - 3 to 45 mm, Thickness - 1.5 to 10 mm Cross Sectional area - 5-250 sqmm

Packaging : Wires & Strips : 40 kg to 100 kg Bundle / spool

Application :

- **Bare copper wire :** Bunched conductor, wire rope, cable, cotton, paper & Fibre Glass covered insulation & various types of electrical & Electronic equipments.
- **Bare Copper Strips :** For paper, Nomex and Fibre glass insulation which is used in transformer industry and switchgear, Control panel and other types of Electrical Equipments



COPPER TAPES / COPPER FLATS

Particular	Specification	Size Range
Copper Tapes/Copper Flats in edges (Corner) as per customers requirements	Relevant IS, IEC & as per customer specification	Width 3mm to 40mm, Thick 1.5mm to 5.0mm Cross section area 5 to 250 sq.mm.

Packaging : In coil or in bundle



BUNCHED COPPER WIRE / ROPES

Particular	Specification	Size Range
Bunched Copper Ropes	As per customer specification	10 mm ² to 200 mm ²

Packaging : In wooden drum

Application : For earthing purpose in current & power transformer



Wires and Strips
Where **POWER** empowers

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AN ISO 9001: 2008 CERTIFIED COMPANY

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Wires and Strips

Where **POWER** empowers



oxygen free high
conductivity
copper strip bus bar
enamelled wire & strip



PRODUCT RANGE

- Enamelled winding wire made of copper- Modified Polyester / PVA / Self solderable /H class / Polyesterimide - Polyamideimide (Dual coated)
- Rectangular Enamelled copper strips (Modified Polyester / PVA / H Class / Polyesterimide- Polyamideimide (Dualcoated)
- Rectangular paper covered copper conductor
- Round paper cover copper conductor
- Multipaper Covered copper Conductor
- Bare Copper wire
- Bare copper Rectangular Strips
- Copper Bus Bar
- Bunched copper wire rope



ENAMELLED ROUND COPPER WIRE

Particular	Thermal class	Specification	Size Range
Polyester Enamelled copper wire	130	IS 13730 / IEC 60317 Part - 34:2000	8 SWG to 40 SWG 4.00 mm TO 0.120mm
Modified Polyester Enamelled copper wire	155	IS:13730 / IEC 60317 Part- 3:1996	8 SWG to 40 SWG 4.00 mm to 0.120mm
Polyesterimide Enamelled copper wire	180	IS:13730 / IEC60317 Part - 8 :1996	8 SWG to 40 SWG 4.00 mm to 0.120mm
Self Solderable Polyurethane Enamelled copper wire	155	IS:13730/IEC 60317 Part - 20 :1993	21 SWG to 40 SWG 0.80 mm to 0.120mm
	180	IS:13730/IEC 60317 Part - 51	21 SWG to 40 SWG 0.80 mm to 0.120mm
Poly Vinyl Acetal Enamelled copper wire	105	IS:13730/IEC 60317 Part : 1:1993	8 SWG to 25 SWG 4.00 mm to 0.50mm
Dual Coated Polyesterimide (Base coat) With Polyamide -imide (Top coat) copper wire	200	IS:13730/IEC - 60317 Part : 13:1993	8 SWG to 40 SWG 4.00 mm to 0.120mm

Packing : PT-4, PT-10, PT-25, PT45, PT-90 & as per customers requirements

Application : Motors - AC/DC, Transformers, Alternators, Relay Coils, White goods appliances, Fans , Light fittings & other electrical & electronic equipments

RECTANGULAR ENAMELLED COPPER STRIPS

Particular	Thermal class	Specification	Size Range
Modified Polyester Enamelled Rectangular copper strips	155	IS 13730/IEC 60317 Part - 16:1996	Width - 3 to 15 mm, Thick - 1.5 to 4.5mm Cross section Area 5 to 65 sq.mm
Polyesterimide Enamelled Rectangular copper strips	180	IS:13730/IEC 60317 Part- 28:1996	Width - 3 to 15 mm, Thick - 1.5 to 4.5mm Cross section Area 5 to 65 sq.mm
Dual coated Polyesterimide (base coat) with Polyamide - imide (Top coat) Enamelled rectangular copper strips	200	IS:13730/IEC 60317 Part- 29:1996	Width - 3 to 15 mm, Thick - 1.5 to 4.5mm Cross section Area 5 to 65 sq.mm
Poly Vinyl acetal enamelled Rectangular copper strip	105	IS:13730/IEC 60317 Part- 17:1996	Width - 3 to 15 mm, Thick - 1.5 to 4.5mm Cross section Area, 5 to 65 sq.mm

Packing : Flange Dia (mm) +/- 5mm Qty (kg)

350	40
400	60
450	90
500	120

Application :

Transformers, Traction Motor, Alternator, H.V. Motors & Generators



PAPER INSULATED COPPER WIRES & STRIPS

Particular	Specification	Size Range
Paper covered (Electrical grade Imported craft paper) Round copper conductor	IS 7404 Part 1:1991	0.8 mm to 4.00 mm
Paper covered (Electrical grade Imported craft paper) Rectangular copper conductor	IS 13730/IEC - 60317 Part 27:1996	Width - 3 mm to 25 mm, Thick - 1.5 mm to 5.0 mm Cross sectional area 5 to 75 sq. mm
Aromatic Polyamide (Nomex) Paper covered Rectangular Copper conductor Temp-Index 200	IS11174:1984	Width - 3 mm to 25 mm, Thick - 1.5 mm to 5.0 mm Cross sectional area 5 to 75 sq. mm
Mica covered Rectangular Copper conductor	As per customers Specification	Width - 3 mm to 25 mm, Thick - 1.5 mm to 5.0 mm Cross sectional area 5 to 75 sq. mm
Polyester Film covered Rectangular Copper Conductor	As per customers Specification	Width - 3 mm to 25 mm, Thick - 1.5 mm to 5.0 mm Cross sectional area 5 to 75 sq. mm

Packing : Flange Dia (mm) +/- 5mm Qty (kg)

350	40
400	60
450	90
500	120

Application : Transformers (Dry & oil immersed) Power stabilizers & heavy Electrical Equipments