



- SELF SOLDERABLE ENAMELLED COPPER WIRES (19 SWG TO 50 SWG )
- LITZ WIRE
- TRIPPLE INSULATED WIRE (TIW)
- FIW (Fully Insulated Wire) P180 for high breakdown Voltage Transformer

Direct Importers & Exclusive Dealer / Stockist of

**ELEKTRISOLA**

LEADING PRODUCER OF FINE & ULTRA FINE ENAMELED COPPER WIRES (UL APPROVED)



TRIPPLE INSULATED WIRE (TIW)



LITZ WIRE



SELF SOLDERABLE ENAMELLED COPPER WIRES



FIW (Fully Insulated Wire)

**IMC INSULATING MATERIAL CORPORATION**

📍 H.O:9 Vithaldas Road 23, Bulakhidas Bldg. Above Vireshwar Hotel, Lohar Chawl, Mumbai - 400 002.

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## v Self Solderable Enamelled Copper Wires

**Self Solderable Wire** Range 34 Swg to 50 Swg (ELEKTRISOLA German Company Plant from Malaysia) & 23 Swg to 37 Swg (Indian Wire).

We offer **ELEKTRISOLA** LEADING PRODUCER OF FINE & ULTRA FINE ENAMELED COPPER WIRES ( $U_L$  APPROVED) brand Self Solderable Enamelled Copper Winding Wire to the clients. A wide variety of Self Solderable Enamelled Copper Winding Wire is available with us, which is widely used all across the world.

### **Demanded By :**

- Automotive
- Electrical
- Electronic
- OEM



## ❖ LITZ WIRE

We are reckoned as the prime Importer and Supplier of the **ELEKTRISOLA** brand Litz Wire, based in India. Our Litz Wire is made up of numerous strands of enamelled magnet wire, stranded together. The Litz Wire is used for wide industrial applications and thus it is highly acclaimed by the widespread clients. Our Litz Wire can be availed at the market leading prices.

### **Applications :**

- Proximity switches
- Repeating coils
- Magnetic loading
- Power supply units
- Transformers and choking coils
- Identification systems
- Ultrasonic generators
- Deflection yokes
- Inductive heating elements
- Fluorescent lamp ballast
- Hearing aids



**LITZ WIRE**



## ❖ TRIPPLE INSULATED WIRE (TIW)

We are counted among the trustworthy Importers & Suppliers of Triple Insulated Wires in the domestic market. The company has installed a physical facility for manufacturing these wires in several grades and ratings for furnishing variegated demands of the buyers. Further, our Triple Insulated Wires are obtainable in different packaging sizes. Our prices are also quite nominal.

### The Advantages of Triple Insulated Wire are :

- High voltage insulation, could save insulating tape, insulating interlayer.
- Superior wear resistance for high speed automatic Transformer winding line.
- Three layers of insulation protection, there is no pinhole phenomenon.
- Self Solderable So No Striping Required.
- Size Of The Transformer Can Be Cut down To 20-30% Due To No Requirement of Interlayer Tapes



## ❖ P180 FIW (Fully Insulated Wire)

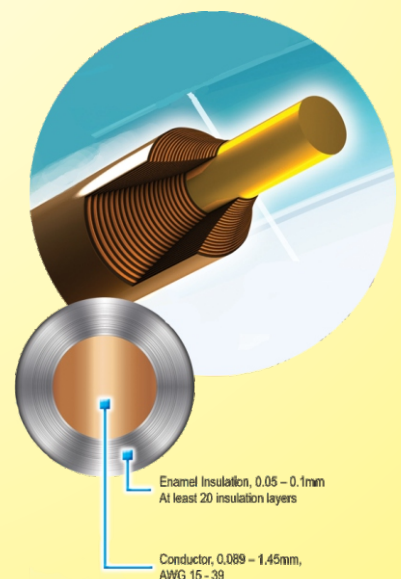
### General

P180 FIW is a new product acc. to the IEC standards IEC 60 317-0-7 and IEC 60 317-56. It can replace triple layer extruded wires such as TEX-E© (©by Furukawa) typically used in switch mode power supply (SMPS) applications produced to IEC standards.

The wire is produced with over 40 individual insulation layers (typical for FIW 6) under continuous inline testing with 3000 V DC ensuring insulation quality free of any insulation defects. In addition, a laser actively monitors and controls the wire's overall diameter on every production line. Insulation thickness can be specified through FIW Grade 3 - 9 to optimize dielectric performance without need for over-specification. Therefore cost savings and smaller component size can be realized by specifying products with less insulation. In comparison to extruded type triple insulated wires, improved windability and soldering performance can be realized with FIW as less soldering residues are generated when automated termination processes are utilized.

### Advantages of FIW vs. extruded Wires (Tripple Insulated Wire)

- Choice of different insulation builds (with different insulation thickness), allows optimization of products like smaller transformers, and gives a cost advantage
- Excellent solderability.
- Superior windability.
- High temperature class of 180°C, thermal life time acc. UL 60 950 Annex U tested in transformers for temperature class 155°C.
- Proven insulation system of enamelled wires also with UL , used over many years.





## ❖ Company Profile

Established in the year 1994, Insulating Material Corporation is a Direct Importers & Sole India Exclusive Dealer & Stockiest for **ELEKTRISOLA** LEADING PRODUCER OF FINE & ULTRA FINE ENAMELED COPPER WIRES (UL APPROVED) (Malaysia) Self Solderable Enamelled Wires. The firm is managed by the proficient Partners, Mr. Rakesh, Mr. Chirag and Mr. Keyur. From the last 17 years, the firm has set a bench mark for itself in the industry, by means of its consistent quality Wires and other services. these products are ROHS compliant & UL approved. Therefore, it is known as the major Importer and Supplier of Litz Wire, Triple Insulated Wire and Enamelled Copper Winding Wire.

### Team :

The firm is backed by the team of highly skilled and proficient professionals, which is committed towards attaining the optimum customer satisfaction. For this, the experienced team members work in perfect coordination and follow the ethical business practices.

### Why Us?

Following are some of the reasons that why we are considered as the most preferred firm for acquiring Wires.

Matchless Wires

Competitive prices

Timely delivery

Fast customer care services

Customer centric approach

### Quality Assurance :

Being one of the leading Wires Importers and Suppliers in the industry, we lay special emphasis upon the Quality of the Wires. Therefore, the team strictly procures the Wires from the certified and prominent vendors in the international markets only.

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