

## MAGNET COPPER WIRE

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## FLAT MAGNET WIRE

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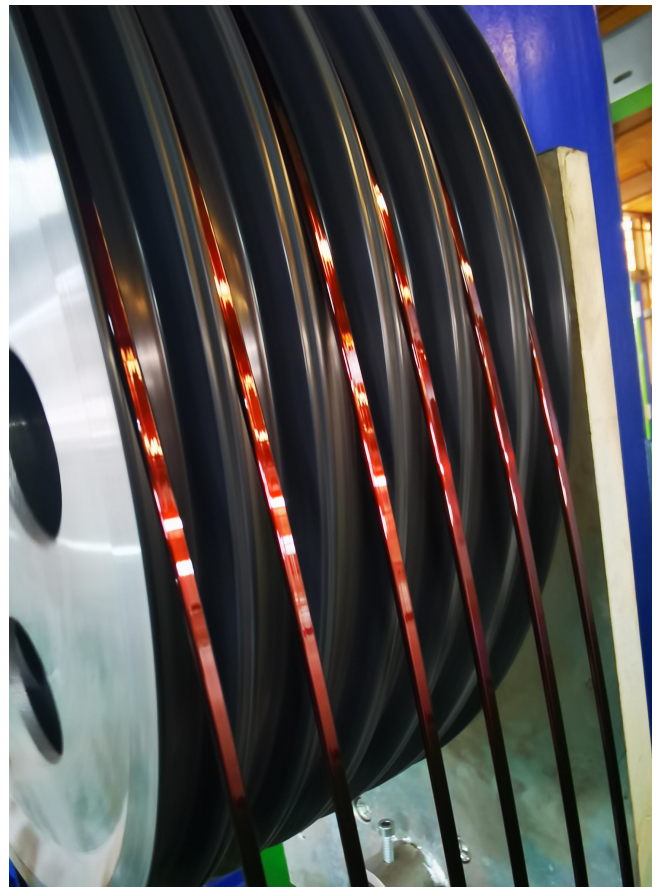
Enameled flat copper wire, also known as magnet wire, is a type of electrical wire that has a thin layer of insulating enamel coating on its surface.

**LNPU**  
郑州蓝普实业有限公司  
ZHENGZHOU LP INDUSTRY CO.,LTD





LP Industry has experienced team for Enameled Wires, advanced technology, excellent equipment, strict management is the foundation of the company continuous development and expansion, and the Enameled Wires win the trust of customers. We believe that through our continuous efforts and pursuit, we will be able to achieve mutual benefit and win-win with our customers!



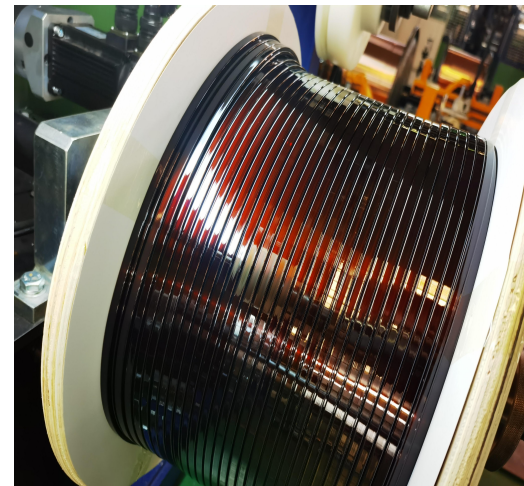
## Enameled Flat Copper Wire

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Conductor            | Flat Copper                                                                |
| Dimension            | Thickness(a): 0.3 ~ 10.0 mm; width: 1.0-22mm                               |
| Thermal Class (°C)   | 180 (Class H);200 (Class C);220 (Class C+); 240(Class HC)                  |
| Insulation thickness | Single, Heavy                                                              |
| Certificate          | UL                                                                         |
| Standard             | IEC,NEMA,GB,JIS                                                            |
| Packing              | 30kg-150kg ply-wood spool(250*400/250*500/250*600)                         |
| Application          | Transformer; motor;generator; modern instrument; welding machine and so on |



## INSULATION CLASSIFICATIONS ACCORDING TO IEC

| Class | Temperature |     |
|-------|-------------|-----|
|       | ° C         | ° F |
| E     | 120         | 248 |
| B     | 130         | 266 |
| F     | 155         | 311 |
| H     | 180         | 356 |
| C     | 200         | 392 |
| C+    | 220         | 428 |
| HC    | 240         | 464 |



## Enameled Flat Copper Wire

**Good electrical conductivity:** Enameled flat copper wire has excellent electrical conductivity due to its high purity copper core, which makes it an ideal choice for electrical applications.

**Insulation:** The enamel coating on the wire provides excellent insulation properties, allowing the wire to be used in a variety of applications where electrical insulation is critical.

**Durability:** The enamel coating on the wire also provides excellent resistance to abrasion, chemicals, and moisture, which makes it highly durable and long-lasting.

**Shape:** Enameled flat copper wire is flat in shape, which makes it well-suited for use in applications where space is limited, such as in transformers and motors.

**Heat resistance:** Enameled flat copper wire can withstand high temperatures without degrading, which makes it suitable for use in high-temperature applications.

**Cost-effective:** Enameled flat copper wire is generally less expensive than other types of wire, making it a cost-effective choice for many applications.

## Packaging & Shipping



Welcome to enquiry LP Industry Enameled  
Copper Wire!

