



Enameled Wires / Strips / Floils

**MANUFACTURER**  
**EXPORTER, SUPPLIER**

**TRANSFORMER AND MOTORS**

**MAGENT WIRE**



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# 企业简介 Enterprise profile



Zhengzhou LP Industry Co., Ltd.: Your Trusted Enamel Wire Manufacturer

Zhengzhou LP Industry Co., Ltd. is a company dedicated to the manufacturing of enamel wire, adhering to the principles of high quality, efficiency, and innovation to provide outstanding enamel wire products and services to customers.

Established in 1993 year, Zhengzhou LP Industry Co., Ltd. is headquartered in Zhengzhou, Henan Province, China. Over the years, the company has been committed to the research, production, and sales of enamel wire and has become one of the leading enamel wire manufacturers in China through continuous technological innovation and quality improvement. We also provides the copper coils and aluminum foils for transformer windings.

## Strength One: Excellent Quality

Zhengzhou LP Industry Co., Ltd. is renowned for its excellent quality in enamel wire manufacturing. The company strictly adheres to international quality standards and employs state-of-the-art production equipment and processes to ensure that every enamel wire possesses high insulation, wear resistance, and conductivity.

## Strength Two: Extensive Experience

Zhengzhou LP Industry Co., Ltd. boasts a highly experienced research and development team and production team, with years of experience in the enamel wire field. These professionals not only stay up-to-date with industry trends but also customize solutions based on customer requirements.

## Strength Three: Global Service

The products of Zhengzhou LP Industry Co., Ltd. are exported worldwide, and we have established an extensive sales network and customer service system. No matter where our customers are located, we can respond to their needs promptly, provide professional technical support, and offer after-sales service to ensure customers can fully meet their enamel wire requirements.



# Fiberglass Covered Enameled Wire

## Features :

1. Conductor: Copper & Aluminum
2. Shape: Flat/rectangular wire, round wire.
3. Insulation material type: Fiberglass + enamel + conductor, fiberglass+conductor.
4. Insulation thickness: single, double, triple, multi-layers or according to your requirements; polyester/polyimide film
5. Thermal Class: 155C, 180C, 200C
6. Special insulated magnet wire, the wire can custom. Send us your requirements
7. Application: used for transformer windings
8. Certification: SGS,UL,ISO,ROHS
9. Standard: IEC, NEMA,GB,JIS



## Fiberglass covered enameled wire Technical Specifications :

Name	Insulation Fiber Glass Winding Wire	
Conductor	Copper and Aluminum Wire	
Dimension	Round	Diameter: 1.0~7.0mm
	Rectangular	Thickness(a): 1.0~10.0mm, Width(b): 3.0~35.0mm
Insulation Material	Fiber Glass	
Insulation Thickness	Single, double or according to your requirement	
Standard	IEC, NEMA, GB, JIS	
Paking	30kg~150kg Poly-wood spool (250*500/ 250*600)	
Application	Oil-immersed transformer windings;medium and large electrical motor and power substations etc.	



# Paper Covered Enameled Wire

## Features:

1. Conductor: Copper & Aluminum;
2. Types: round type, flat type;
3. Insulation layer: enamel: single & double coated; paper: single, double & triple layers
4. Thermal Class: 120C, 155C, 180C, 240C.
5. Application: Transformers, Motors, Generators, Coils, Inductors etc.
6. Special insulated magnet wire, the wire can custom. Send us your requirements
7. Application: used for transformer windings
8. Certification: SGS,UL,ISO,ROHS
9. Standard: IEC, NEMA,GB,JIS



## Paper covered enameled wire Technical Specifications:

Name	Insulation Paper Winding Wire	
Dimension	Round	Rectangular
	Diameter: 1.0~7.0mm	Thickness(a): 1.0~10.0mm; Width(b): 3.0~20.0mm
Insulation Paper type	Kraft electrical paper / Nomex paper / HPI-Green / Mark paper etc.	
Insulation thickness	Single, double or according to your requirement	
Standard	IEC,NEMA,GB,JIS	
Packing	30kg~150kg Poly-wooden spool, can custom the packaging of wires	
Application	Oil-immersed transformer windings; medium and large substation	





# Kapton Covered Enameled Wire

## Features:

1. Conductor: Copper;
2. Types: round type, flat type;
3. Insulation layer: enamel: single & double coated; paper: single, double & triple layers
4. Thermal Class: 240C.
5. Application: Aerospace.
6. Special insulated magnet wire, the wire can custom. Send us your requirements
7. Certification: SGS,UL,ISO,ROHS
8. Standard: NEMA



## Kapton covered enameled wire Technical Specifications:

Product name	240C Kapton Insulated Wire
Temperature Index	-269 to +400 °C (-452 to 752 °F; 4 to 673 K)4
Insulation Material	F46 + polyimide Film
Conductor	Copper
Diameter	Round: 1mm -4mm; Rectangular: Width(a): 3.0mm-16mm,thickness(b): 1.0mm-5.6mm
Packing	50kg bobbin 100-150kg wood spool
Application	Aerospace Applications, Industrial Heating Elements, Power Electronics, High-Frequency Electronics, Oil and Gas Industry, Electromagnetic Coils





# Corona-Resistant Enameled Wire

## Features:

1. Conductor: Copper & Aluminum;
2. Types: round type, flat type;
3. Insulation layer: enamel: single & double coated; paper: single, double & triple layers
4. Can work continuously in 200°C environment
5. High temperature resistance and radiation resistance
6. High strength and wear resistance
7. Long service life



## Corona-Resistant enameled wire Technical Specifications:

Product name	Corona-resistance Insulated Wire
Temperature Index	200C
Insulation Material	polyamideimide
Conductor	Copper
Diameter	Round: 0.2mm - 2.5mm;
Packing	JB/T10930-2010
Application	Variable frequency motor, speed regulating motor, lifting motor, elevator motor and other fields.





# Ultra-fine Enameled Flat Wire

## Features:

1. Conductor: Copper & Aluminum;
2. Types: EIW-180: Class 180 Polyester imide enameled wire  
 EI/AIW: Class 200 Polyester overcoated with Polyester imide enameled wire  
 PIW: Class 220 polyimide enameled rectangular copper wire
3. Insulation layer: enamel: single & double coated; paper: single, double & triple layers
4. IEC60317; GB/T7095; Or according to customers' requirements



## Ultra-fine Enameled Flat Wire Technical Specifications:

Product name	Ultra-fine enameled flat copper Insulated Wire
Temperature Index	180 (Class H);200 (Class C);220 (Class C+);240(Class HC)
Features	Solderable and Self-bonding
Conductor	Copper & Aluminum
Diameter	Copper : Thickness(a): 0.09~0.6mm; Width(b): 0.2~3.5mm Aluminum: Thickness: 0.6~8.0mm; Width: 1.5~22mm
Packing	PL-4 Spool(4~6kg); PL-10 Spool(12~15kg)
Application	High temperature voltage devices, instrumentation and various types of electronic components windings



# 实力 Advantages & Exhibitions



Zhengzhou LP Industry Co., Ltd. has the full capability to participate in foreign exhibitions. Firstly, we possess outstanding products and services. Secondly, we have a dynamic and experienced team. Furthermore, our financial position is robust. Participating in international exhibitions requires financial investments, including booth rentals, exhibit production, transportation, and accommodation expenses. Our company's financial strength is sufficient to support these expenditures and ensure that we can adequately showcase our capabilities and brand value. Lastly, we have clear objectives and strategies. Our participation is not merely for the sake of attending the exhibition but rather to seek new business opportunities, expand into international markets, establish partnerships, and enhance brand recognition on a global scale. We have formulated detailed plans and strategies to ensure that we can maximize the achievement of these objectives during the exhibition.





WWW.LP-INDUSTRY.COM

## 郑州蓝普实业有限公司

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