

AWG-SWG

ENAMELED AL WINDING WIRES



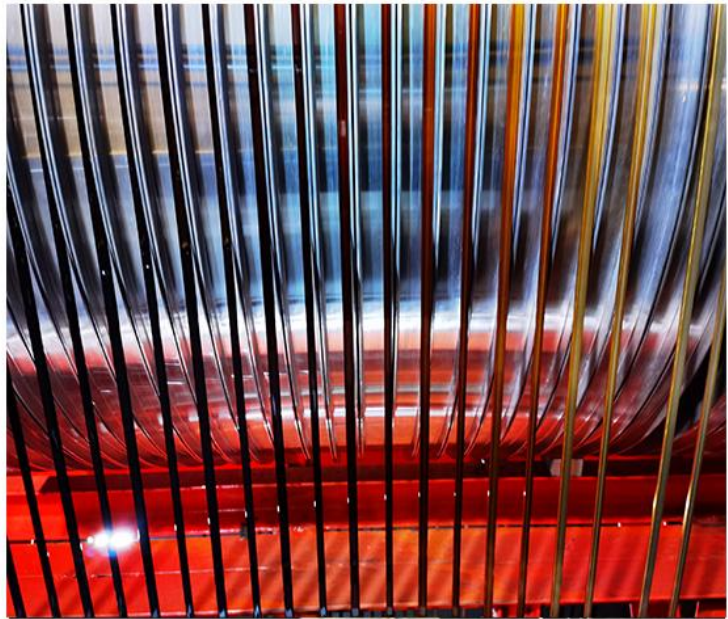
Enameled rectangular/flat aluminum wire

www.lp-industry.com

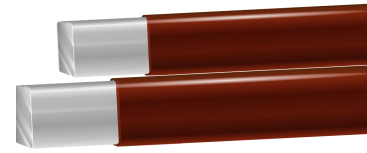
AWG - SWG specifications Enameled AL Wire
For electrical transformer

LNPU
ZHENGZHOU LP INDUSTRY CO.,LTD

HIGH GRADE INSULATION



Zhengzhou LP Industry CO.,LTD is a leading enameled aluminum wire manufacturer in China, which is mainly producing the enameled round aluminum wire, flat aluminum wire and aluminum coils.



Width 25MM Class 200 ENAMELED ALUMINUM FLAT WIRE

PROPERTIES	ALUMINUM
Standard	IEC 60317-0-3 IEC 60317-25 NEMA MW 73-A, MW 35-A
Overcoat	Enamel insulation based on polyester or polyethirimide and outer coating based on polyamidimide
Insulation thickness	Double coating
Temperature index	200
Heat stroke	not less than 220° C
Breakdown voltage	3300 to 5700 V
Chemical resistance:	Excellent
Size	Thickness:0.8-10mm Width:2-25mm
Certificate	UL
Packing	30kg-150kg ply-wood spool (250*400 /250*500/250*600 /250*730)

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

The insulating materials are subdivided according to IEC standards into insulating classes showing the corresponding maximum working temperature that must not be exceeded at any point of the winding.

The table above outlines the recognized insulation classifications.

Insulation Building

Single coated

Heavy/double coated

Application

Electric motor / generator.

Dry or oil-immersed transformers.





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