

Enameled Round Wire

漆包圆线



技术参数
Technical Parameter



Name	Enameled Round Wire	
Conductor	Copper and Aluminum	
Dimension	Copper	0.016 ~ 7.0mm
	Aluminum	0.16 ~ 10.0mm
Thermal Class (°C)	120(Class E), 180(Class H), 200(Class C), 220 (Class C+), 240 (Class HC)	
Insulation thickness	G1, G2, G3	
Certificate	UL	
Standard	IEC,NEMA,GB,JIS	
Packing	Copper	PT-4~PT-200 or ply-wood spool
	Aluminum	PT-15~PT-270 or ply-wood spool
Application	Transformer, motor, generator, modern instrument, welding machine, etc.	

Enameled Rectangular Wire

漆包扁线

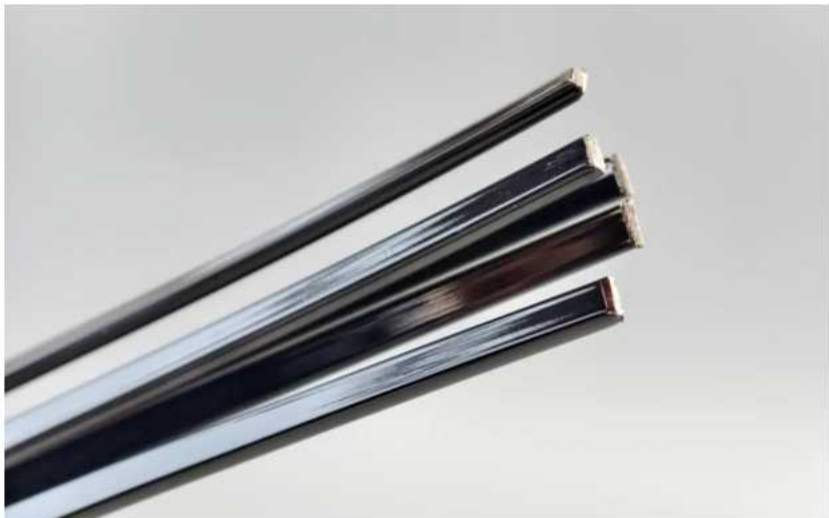


技术参数
Technical Parameter

Name	Enameled Rectangular Wire	
Conductor	Copper and Aluminum	
Dimension	Copper	Thickness(a) 0.3 ~ 10.0mm Width(b) 1.0~22mm
	Aluminum	Thickness(a) 0.8 ~ 10.0mm Width(b) 2.0-25mm
Thermal Class (°C)	120(Class E), 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 / 250*730)	
Application	Transformer, motor, generator, modern instrument, welding machine, etc.	

Enameled Square Wire

漆包方线



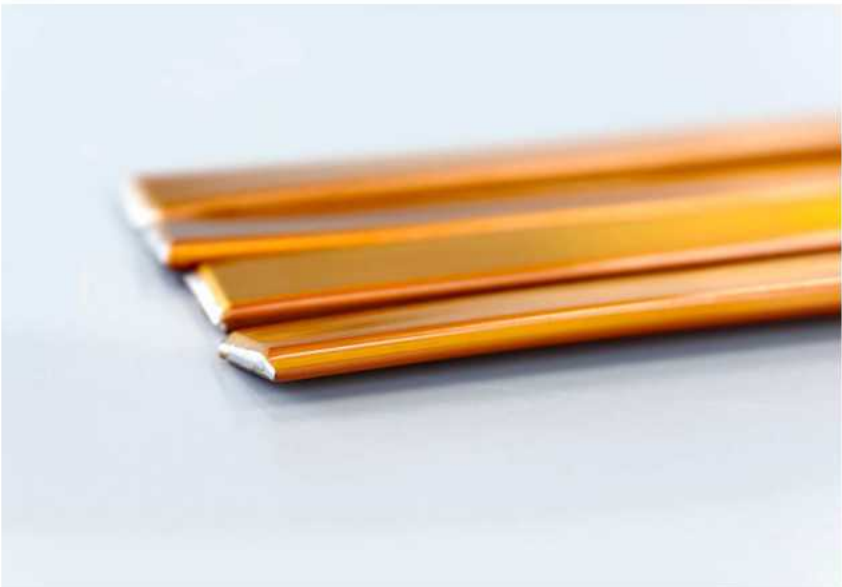
技术参数
Technical Parameter



Name	Enameled Square Wire	
Conductor	Copper and Aluminum	
Dimension	Copper	Thickness(Width)/a(b) 0.45-6.0mm
	Aluminum	Thickness(Width)/a(b) 1.2-9.1mm
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*600/250*730)	
Application	Transformer, generator, refrigeration system, Class C generators, UPS power supply, electronic transformer, etc.	

Polyvinyl Acetal Enameled Rectangular Wire

缩醛漆包扁线

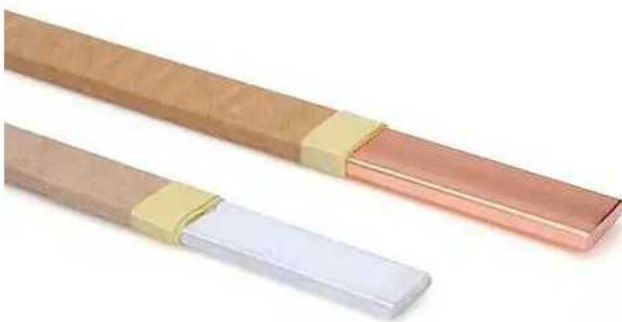


技术参数
Technical Parameter

Name	Polyvinyl Acetal Enameled Rectangular Wire	
Conductor	Copper and Aluminum	
Dimension	Aluminum	Thickness(a) 0.8 ~ 10mm Width(b) 2.0 ~ 25mm
	Copper	Thickness(a) 0.3 ~ 10mm Width(b) 1.0 ~ 22mm
Thermal Class (°C)	105(Class A), 120(Class E)	
Standard	NEMA MW 18-A,NEMA MW 18-C	
Certificate	UL	
Insulation Thickness	Heavy, Quad	
Application	Oil transformer, oil filled voltage regulator, etc.	

Insulated Winding Wire

绕包线



技术参数
Technical Parameter



Name	Insulated Winding Wire	
Conductor	Copper and Aluminum	
Dimension	Round	1.0 ~ 7.0mm
	Rectangular	Thickness(a) 0.9 ~ 10mm Width(b) 3.0 ~ 25mm
Insulation materials	Kraft paper/Thermally upgraded kraft paper / Nomex paper / Polyester film/ Polyimide film	
Insulation thickness	Single,double or according to your requirement	
Standard	IEC,NEMA,GB,JIS	
Packing	30kg~150kg Ply-wood spool (250*500/ 250*600)	
Application	Oil-immersed transformer windings, medium and large electrical motors and power substations, etc.	

Insulated Winding Wire

玻璃丝包线



技术参数
Technical Parameter



Name	Insulation Fiber Glass Winding Wire	
Conductor	Copper and Aluminum wire	
Dimension	Round	1.0 ~ 7.0mm
	Rectangular	Thickness(a) 1.0~ 10.0mm Width(b) 3.0 ~ 35.0mm
Insulation material type	Fiber Glass, Fiber-glass+ Varnish, Fiber-glass+Film,etc	
Insulation thickness	Single, double or according to your requirement	
Standard	IEC,NEMA,GB,JIS	
Packing	30kg~150kg Ply-wood spool (250*500/ 250*600)	
Application	Transformer windings, medium and large electrical motors and power substations, etc.	

Continuously Transposed Conductor

换位导线



技术参数
Technical Parameter



Name	Continuously Transposed wire (CTC Wire)
Conductor	Copper and Aluminum
Number of strips	5-80 (odd or even number)
Max Overall Dimension	Radial size (Height): 120mm; (±0.05mm) Axial size (Width): 26mm (±0.05mm)
Single conductor	Thickness(a) : 0.80–3.15mm (± 0.01mm) Width (b) : 2.50 –13.00mm (± 0.01mm)
Width(b)/Thickness (a) Ratio of Single conductor	2.0 < b/a < 9.0
Thickness of Acetal Layer	0.08-0.12mm
Thickness of Self --adhesive layer	0.03-0.05mm
Common Wrapping insulation material	Electric kraft paper / High density insulation paper / Thermally upgraded insulation paper / High stretch fiber paper / Nomex paper or according to client’ s requirement
Standard	IEC,NEMA,GB,JIS
Packing	Ply- wooden spool or according to client’ s requirement
Appication	large oil immersed power transformers, reactors and large capacity dry-type transformers.

Combined Conductor

组合导线



技术参数
Technical Parameter

Name	Composite conductor
Conductor	flat copper/aluminum wire, paper/film-wrapped flat copper/ aluminum wire, enameled flat copper/aluminum wire
Combination method	Radial twin conductor flat-wise Radial twin conductor edge-wise Axial twin conductor 2x2 quad conductor Radial enamelled twin conductor Axial quad conductor Customized according to customer requirements
Single wire Dimension	Single-wire thickness (mm): 1.00–8.00; single-wire width (mm): 4.00–25.00; single-wire width -to-thickness ratio ≤20
Number of Conductors	2~4
Wrapped insulation material	Power cable paper, high-density insulating paper, heat-resistant insulating paper, high-elongation fiber paper, aramid paper (Nomex), PET film, etc.
Application	Oil-immersed transformers, power transformers, reactors and distribution transformers

SST-Litz Wire

固态变压器专用利兹线



技术参数
Technical Parameter



Name	Litz wire
Conductor	Copper
Single wire dimension	0.01 ~ 1.00mm
Numbers of strands	5~10000 (odd or even optional)
Insulation material	Polyamide, Polyester ,Polyurethane,etc
Standard	According to customer’ s requirement
Packing	Ply wooden spool or according to customer’ s requirement
Application	SST transformer,RF transformers,RF tranceivers,Sensors,Ballasts,etc.

Hair-PIN Motor Flat Wire

发卡电机专用线



技术参数
Technical Parameter

Name	Hair-PIN Motor Flat Wire
Conductor	Copper and Aluminum
Dimension	Thickness(a) 0.5-5.6mm Width(b) 2.0-12mm
Thermal Class(°C)	180(Class H), 200(Class C), 220 (Class C+), 240 (Class HC)
Standard	IEC, NEMA, GB, JIS, UL
Packing	30Kg~150Kg Ply-wood spool(250*500/250*600)
Application	Hair-Pin Motor

Copper Foil / Coil

铜带

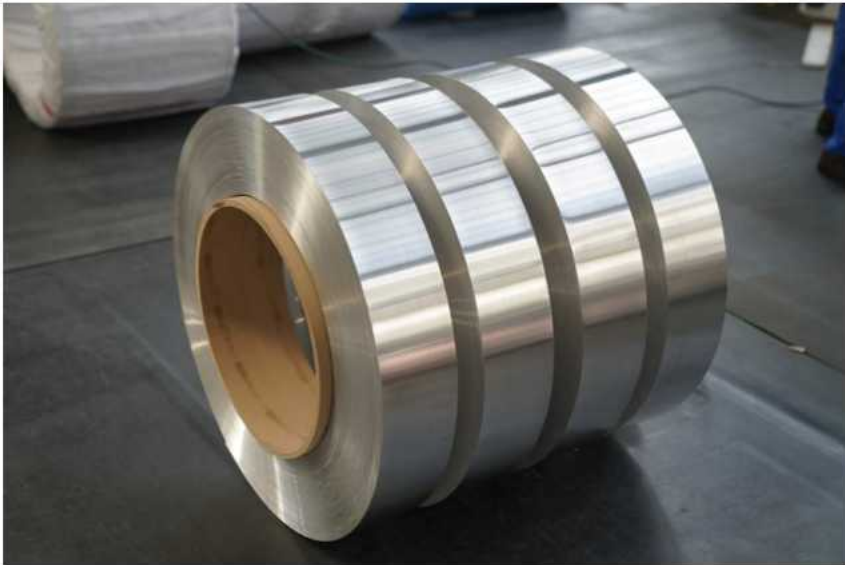


技术参数
Technical Parameter

Name	Copper Foil/Coil	
Grade	Cu-ETP/C-11000/E-Cu58	
Temper	Soft(O), Hard (H)	
Dimension	Thickness	0.1 ~ 4.0mm
	Width	20 ~ 1500mm
Standard	ASTM, EN 13599,GB-T 18813-2002	
Packing	In coil, inner diameter 300mm, 400mm, 500mm, etc.	
Appication	Winding of transformers, large scale motors, generators and stators, etc.	

Aluminum Foil / Coil

铝带



技术参数
Technical Parameter

Name	Aluminum foil/coil	
Grade	1050,1060,1070,1350,etc.	
Temper	Soft(O), Hard (H)	
Dimension	Thickness	0.2 ~ 3.0mm
	Width	20 ~ 1500mm
Standard	ASTM, GB/T 3880 2-2006, EN 485-4	
Packing	In coil, inner diameter 300mm, 400mm, 500mm, etc.	
Application	Winding of transformers, large scale motors, generators and stators, etc.	