



Building a More
Comfortable and Sustainable Future



**Cooper Tubes
Catalogue**



Inner-Grooved Tube

(内螺纹铜管)

应用领域: 用于空调与制冷系统的热交换行业。

Application: Heat Exchanger Industry for Air Conditioning and Refrigeration System.

Alloy (牌号): TP2, TU0, TU1

Range (生产范围): Wall thickness (壁厚): 0.18-0.70 mm
Depth of tooth (齿高): 0.05-0.35 mm
Outside diameter (外径): ϕ 3.60-16.00 mm



Level Wound Coil

(水平复绕盘管)

应用领域: 用于空调与制冷行业的热交换器及管路系统连接。

Application: Air Conditioner, Heat Exchanger of Refrigeration Industry and Pipeline System.

Alloy (牌号): TP2, TU1, C1940, JT510

Range (生产范围): Wall thickness (壁厚): 0.20-2.00 mm
Outside diameter (外径): ϕ 3.60-25.40mm



Pancake Coil

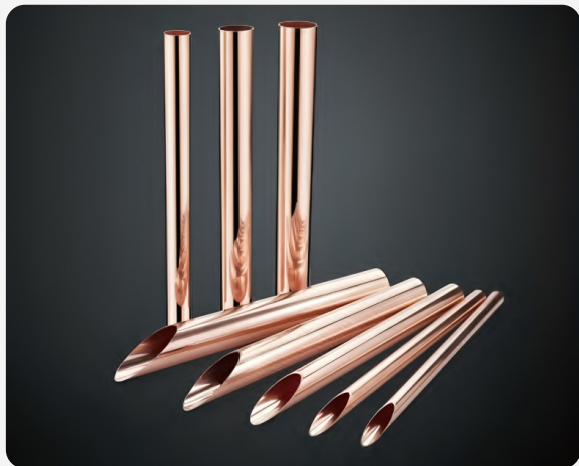
(蚊香盘管)

应用领域: 空调与制冷行业管路连接及维修安装。

Application: Installation and Maintenance of Air Conditioning, Refrigeration and Piping System.

Alloy (牌号): TP2, JT510

Range (生产范围): Wall thickness (壁厚): 0.27-1.50 mm
Outside diameter (外径): ϕ 4.00-23.00 mm



Straight Tube

(直管)

应用领域: 空调直管、铜水管、医疗气体和真空用无缝铜管。

Application: Air Conditioning Straight Tube, Copper Water Tube, Seamless Copper Tubes for Medical Gases and Vacuums.

Alloy (牌号): TP2, T2, JT510, C1940

Range (生产范围): Wall thickness (壁厚): 0.20-5.00 mm
Outside diameter (外径): ϕ 4.00-257.00 mm



Oxygen-Free Copper Tube

Oxygen-Free Copper Tube

(无氧铜管)

产品特点: 高纯度、高延伸、高耐腐蚀性和耐氢脆性。

Features : High purity, high elongation, high corrosion resistance and hydrogen brittleness resistance.

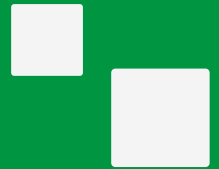
应用领域: 电器及电子散热(CPU, 电脑, 手机, 5G 基站、新能源汽车等), 磁控管、电力行业, 空调与制冷系统的热交换行业。

Application: Electronic And Electronic Cooling (Including CPU, Computers, Smartphones, 5G Base Stations, New Energy Vehicles), Magnetrons, Power Industry, Air Conditioner, Heat Exchanger of Refrigeration Industry and Pipeline System.

Alloy (牌号): TU0, TU1, TU2

Range (生产范围):

Item (项目)	Outer Diameter (外径)(mm)	Wall thickness (壁厚)	Depth of tooth (齿高)
Mobile phone Tube (手机管)	ϕ 1.50-10.00mm	0.06-0.12mm	/
Computer Tube (电脑管(含散热器铜管))	ϕ 3.00-12.00mm	0.12-1.20mm	/
Grooved Tube (沟槽管)	ϕ 3.00-12.70mm	/	/
Magnetron Tube (磁控管)	ϕ 10.00-50.00mm	0.50-2.50mm	/
Electric Power Tube (电力用管)	ϕ 8.00-40.00mm	0.30-2.00mm	/
For Heat Exchanger (冷管)	ϕ 8.00-40.00mm	0.18-0.70 mm	0.05-0.35 mm



Jumbo Coil

(大散盘管)

应用领域: 用于空调与制冷行业的热交换器及管路系统连接，电力行业。

Application: Heat Exchangers, Pipeline System Connections, Air Conditioning and Refrigeration Industry, Power Industry.

Alloy (牌号): TP2, TU0, TU1, TU2, JT510

Range (生产范围): Roll weight (卷重): 300.00-1000.00 kg
Outside diameter (外径): ϕ 3.00-25.40 mm



Capillary Copper Tube

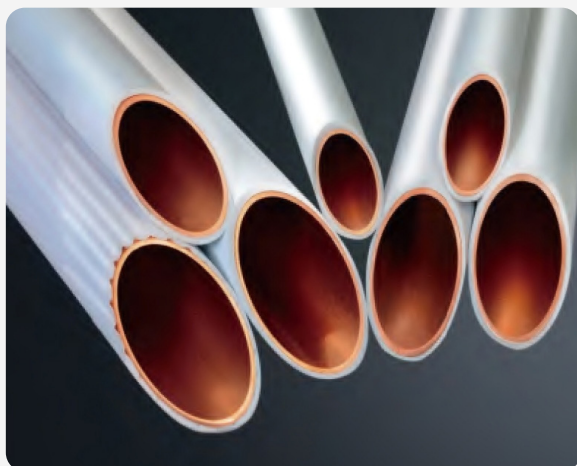
(毛细铜管)

应用领域: 主要适用于空调、冰箱、冷柜、高精密度仪表等领域。

Application: Air Conditioning Systems, Refrigerators, Freezers, High-Precision Instruments.

Alloy (牌号): TP2, TU0, TU1

Range (生产范围): Inside diameter (内径): 0.30-4.45mm
Outside diameter (外径): ϕ 0.50 -6.10mm



Plastic-Coated Copper Tubes

(塑覆铜管)

应用领域: 主要适用于建筑给排水管道、冷热水管道。

Application: Building Plumbing and Drainage Tubes, Cold and Hot Water Tubes.

Alloy (牌号): TP2

Range (生产范围): Outside diameter (外径): ϕ 6.00-54.00mm
Flat ring (平接环): 1.10-2.00mm
Toothed ring (齿形环): 1.30-3.00mm



Oxygen Free Copper Rod

(无氧铜棒)

产品特点/应用: 无氧铜棒主要应用于高压真空开关、是中高压电力开关的核心部件、也应用于半导体磁控阀陶瓷管和新分析能源汽车部件、可挂硅等生产。

Features/Applications: Power Switches, Ceramic Tubes, Semiconductor Devices, Components for New Energy Vehicles.

Alloy (牌号): TP2, TU0, TU1

Range (生产范围): Diameter (直径): $\phi 8.00-200.00\text{mm}$
Electric conductivity (导电率): $\geq 98\% \text{ IACS}$



PE Insulation Tube

(被覆铜管)

应用领域: 家用空调、中央空调、冷热水管等方面安装和维修。

Application: Installation and Maintenance of Air Conditioners, Central Air Conditioning Systems, and Hot and Cold Water Piping.

Alloy (牌号): TP2, JT510

Range (生产范围): Outside diameter (外径): $\phi 6.35-22.23\text{mm}$



Rubber Insulation Tube

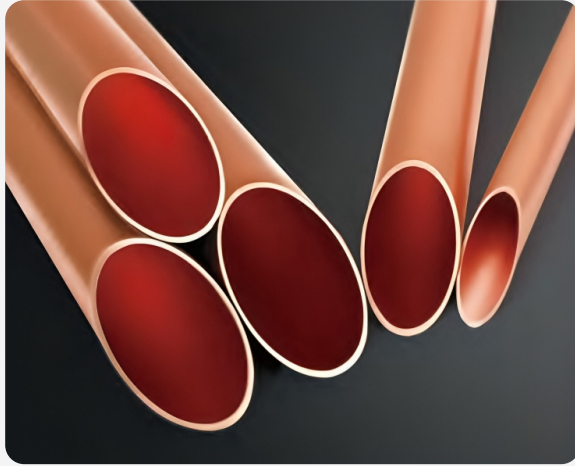
(橡塑铜管)

应用领域: 家用空调、中央空调、冷热水管等方面安装和维修。

Application: Installation and Maintenance of Air Conditioners, Central Air Conditioning Systems, and Hot and Cold Water Piping.

Alloy (牌号): TP2, JT510

Range (生产范围): Outside diameter (外径): $\phi 6.35-22.23\text{mm}$



High Strength JT510 Copper Pipe

(高强度铜锡合金管 JT510)

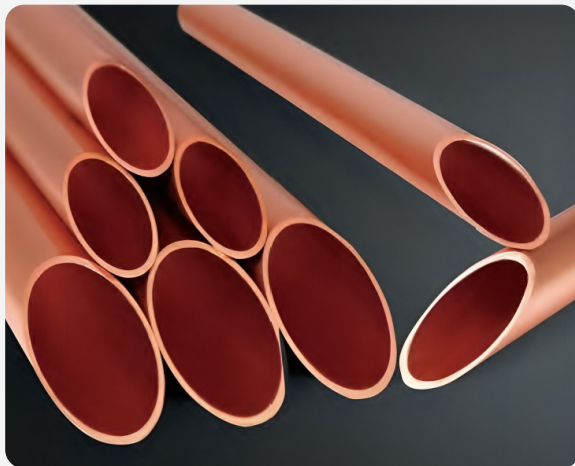
产品特点: 固溶强化和加工硬化特性, 具备高强、高延和耐性性能特点。

Features: Solid solution strengthening and work hardening properties, with high strength, high elongation and corrosion resistance characteristics. Industry.

应用领域: 主要适用于空调制冷、热水器等领域, 空调配管、连接管、管组件等。

Applications: Air Conditioning, Refrigeration, Water Heater, Piping System, Connection Tubes and Tube Assemblies.

Range (生产范围): Wall thickness / 壁厚: 0.20-2.00mm
Outside diameter / 外径: ϕ 3.00-30.00mm



High Strength Alloy Tube C1940

(高强度铜铁合金管 C1940)

产品特点: 高强度、高抗蠕变性和抗疲劳性、高耐腐蚀性和优良焊接性。

Features: High strength, high creep resistance and fatigue resistance, high corrosion resistance and excellent weldability.

应用领域: 主要应用在商业制冷、移动空调、冷链运输、冷冻机组、工业制冷等。

Applications: Commercial Refrigeration, Mobile Air Conditioning, Cold Chain Transportation, Chilled Water Plants, Industrial Refrigeration.

Range (生产范围): Wall thickness / 壁厚: 0.50-3.00mm
Outside diameter / 外径: ϕ 9.00-60.00mm



Small Coils for After Service Markets

(售后安装小盘铜管)

应用领域: 制冷, 空调, 暖通, 管道, 热热风管机, 油管, 水管道和气管等方面安装和维修。

Applications: Installation and Maintenance in Refrigeration, Air Conditioning, HVAC, Heat Exchanger Ducted Units, Oil Lines, Water Pipelines, and Gas Tubes.

Alloy (牌号): TP2

Range (生产范围): Outside diameter / 外径: ϕ 4.00-22.22mm
Unit Weight / 盘重: 50.00-55.00kg



Seamless Copper Tube for RF Coaxial Cable

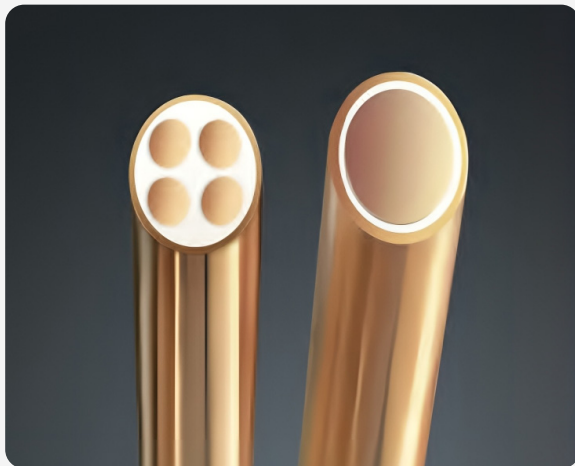
(导电用铜管-射频同轴电缆用的无缝铜管)

应用领域: 主要应用于移动通信, 雷达设备, 军事导航, 射频组件连接, 天线连接等领域。

Applications: Mobile Communications, Radar Equipment, Military Navigation, RF Component Connectors, and Antenna Connections.

Alloy (牌号): T2, TU1, TU2, TU0

Range (生产范围): Outside diameter / 外径: $\Phi 4.00-22.220\text{mm}$
Electric conductivity / 导电率: $\geq 100\% \text{ IACS}$
Wall thickness / 壁厚: $0.18-2.00\text{mm}$



Seamless Copper Tube for Mineral Fireproof Cables

(导电用铜管-矿物质防火电缆用无缝铜管)

应用领域: 主要应用于高层建筑, 石油化工, 机场, 隧道, 船舶, 海上石油平台, 航空航天, 钢铁冶金, 停车场等重要场所。

Application: High-Rise Buildings, Petrochemical Industry, Airports, Tunnels, Marine Vessels, Offshore Oil Platforms, Aerospace Industry, Steel Metallurgy, Shopping Centers, and Parking Garages.

Alloy (牌号): T2, TU1, TU2

Range (生产范围): Outside diameter / 外径: $\Phi 10.00-160.00\text{mm}$
Electric conductivity / 导电率: $98\% \text{ IACS}$
Wall thickness / 壁厚: $0.50-20.00\text{mm}$



Seamless Copper Tubes for Conducting Electricity

(导电用铜管-导电用无缝铜管)

应用领域: 主要应用电炉、电机换向和端子等行业

Application: Electric Furnaces, Motor Commutator, and Terminal Industries.

Alloy (牌号): T2, TU1, TU2, TU0

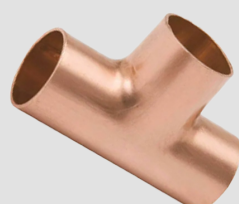
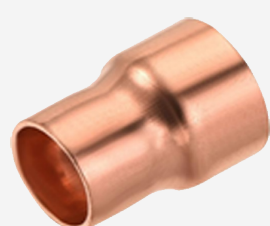
Range (生产范围): Outside diameter / 外径: $\Phi 4.00-160.00\text{mm}$
Electric conductivity / 导电率: $\geq 98\% \text{ IACS}$
Wall thickness / 壁厚: $0.18-20.00\text{mm}$

配件
Copper Components

名字 Name	尺寸 Size			
	MM	Inch		
Copper fitting (Coupling -Rolling stop)	6.35	1/4		
	10.72	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
	28.58	1 1/8		
	34.93	1 3/8		
	41.28	1 5/8		
	53.98	2 1/8		
90 Deg Elbow	6.35	1/4	Good quality	
	10.72	3/8	Good quality	
	12.7	1/2	Good quality	
	15.88	5/8	Good quality	
	19.05	3/4	Good quality	
	22.23	7/8	Good quality	
	28.58	1 1/8	Good quality	
	34.93	1 3/8	Good quality	
	41.28	1 5/8	Good quality	
	53.98	2 1/8	Good quality	
90 Deg Elbow	6.35	1/4	High quality	
	10.72	3/8	High quality	
	12.7	1/2	High quality	
	15.88	5/8	High quality	
	22.23	7/8	High quality	
	28.58	1 1/8	High quality	
	34.93	1 3/8	High quality	
	41.28	1 5/8	High quality	
	53.98	2 1/8	High quality	
120 Deg Elbow	22.23	7/8		
	28.58	1 1/8		
	34.93	1 3/8		
	41.28	1 5/8		
	53.98	2 1/8		

配件

Copper Components

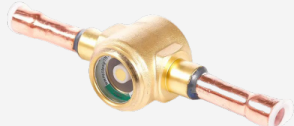
名字 Name	尺寸 Size			
	MM	Inch		
Return bend (U elbow)	10.72	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
Copper tee (equale pipe)	6.35	1/4		
	10.72	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
	28.58	1 1/8		
	34.93	1 3/8		
	41.28	1 5/8		
Reducing Coupling	53.98	2 1/8		
	22.23*15.88	5/8*7/8		
	22.23*19.05	3/4*7/8		
	28.58*19.05	3/4*1 1/8		
	28.58*22.23	7/8*1 1/8		
	34.93*22.23	7/8*1 3/8		
	41.28*22.23	7/8*1 5/8		
	34.93*28.58	1 1/8*1 3/8		
	41.28*28.58	1 1/8*1 5/8		
	41.28*34.93	1 5/8*1 3/8		
	53.98*28.58	1 1/8*2 1/8		
	53.98*34.93	1 3/8*2 1/8		
	53.98*41.28	1 5/8*2 1/8		
copper gas trap	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
	28.58	1 1/8		
	34.93	1 3/8		
	41.28	1 5/8		
	53.98	2 1/8		

配件

Copper Components

名字 Name	尺寸 Size			
	MM	Inch		
copper nut	4.76	3/16		
	6.35	1/4		
	7.94	5/16		
	10.73	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
Copper Junkies (copper racore)	4.76	3/16		
	6.35	1/4		
	7.94	5/16		
	10.73	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
Copper Junkies (copper racore)	12.7	1/2	Good quality	
	15.88	5/8	Good quality	
	6.35	1/4	High quality	
	10.73	3/8	High quality	
	12.7	1/2	High quality	
	15.88	5/8	High quality	
	19.05	3/4	High quality	
Copper Junkies (copper racore)	6.35*10.73M	1/4*3/8M		
	12.7*10.73M	1/2*3/8M		
	12.7*15.88M	1/2*5/8M		
	6.35M*10.73F	1/4M*3/8F		
	10.73M*12.7F	3/8M*1/2F		
	12.7M*15.88	1/2M*5/8F		
	6.35F*10.73M	3/8M*1/4F		
	12.7M*10.73F	1/2M*3/8F		
	15.88M*12.7F	5/8M*1/2F		
copper roll			Chinese	
			Korean	

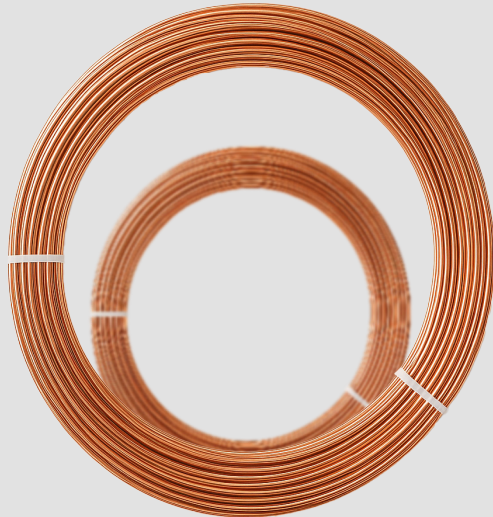
配件 Copper Components

名字 Name	尺寸 Size			
	MM	Inch		
safety valve	6.35	1/4		
	10.72	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
	28.58	1 1/8		
VRV				
R410 adapter			410	
chek valve				
chek valve (solder)	10.72	3/8		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	12.7	1/2		
	15.88	5/8		
	19.05	3/4		
	22.23	7/8		
Copper tube	9.525	3/8	tube length 5.8 meters	
	12.7	1/2	tube length 5.8 meters	
	15.875	5/8	tube length 5.8 meters	
	19.05	3/4	tube length 5.8 meters	
	22.225	7/8	tube length 5.8 meters	
	28.575	1 1/8	tube length 5.8 meters	
	34.925	1 3/8	tube length 5.8 meters	
	41.275	1 5/8	tube length 5.8 meters	
	53.975	2 1/8	tube length 5.8 meters	



配件

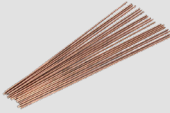
Copper Components

名字 Name	尺寸 Size		
	MM	Inch	
Capillary	0.457	0.018	
	0.508	0.020	
	0.559	0.022	
	0.610	0.024	
	0.660	0.026	
	0.711	0.028	
	0.762	0.030	
	0.787	0.031	
	0.838	0.033	
	0.914	0.036	
	1.016	0.040	
	1.067	0.042	
	1.143	0.045	
	1.245	0.049	
	1.321	0.052	
	1.626	0.064	

Capillary



配件 Copper Components

名字 Name	
solder	
solder	
solder	
solder	
solder	
solder	
solder	
solder	
solder	
Welding rings From 12.7 to 4.76 MM From 1/2 to 3/16 Inch	

包装

COPPER TUBE PACKING

蚊香盘管 PANCAKE COIL



运输包装
Packing for transportation



纸箱
Packing in carton

大散盘管 JUMBO COIL



外包装 Shipping package

水平复绕盘管 LWC/IGT

3+4 Coils/Pallet



Small Coil



7 Coils/Pallet

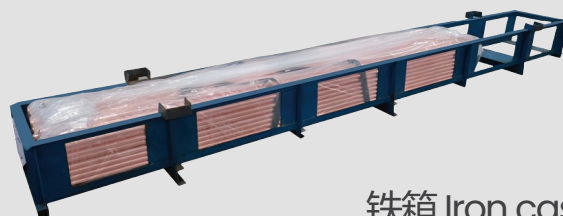


3+3 Coils/Pallet



外包装 Shipping package

直管 STRAIGHT TUBE



铁箱 Iron case

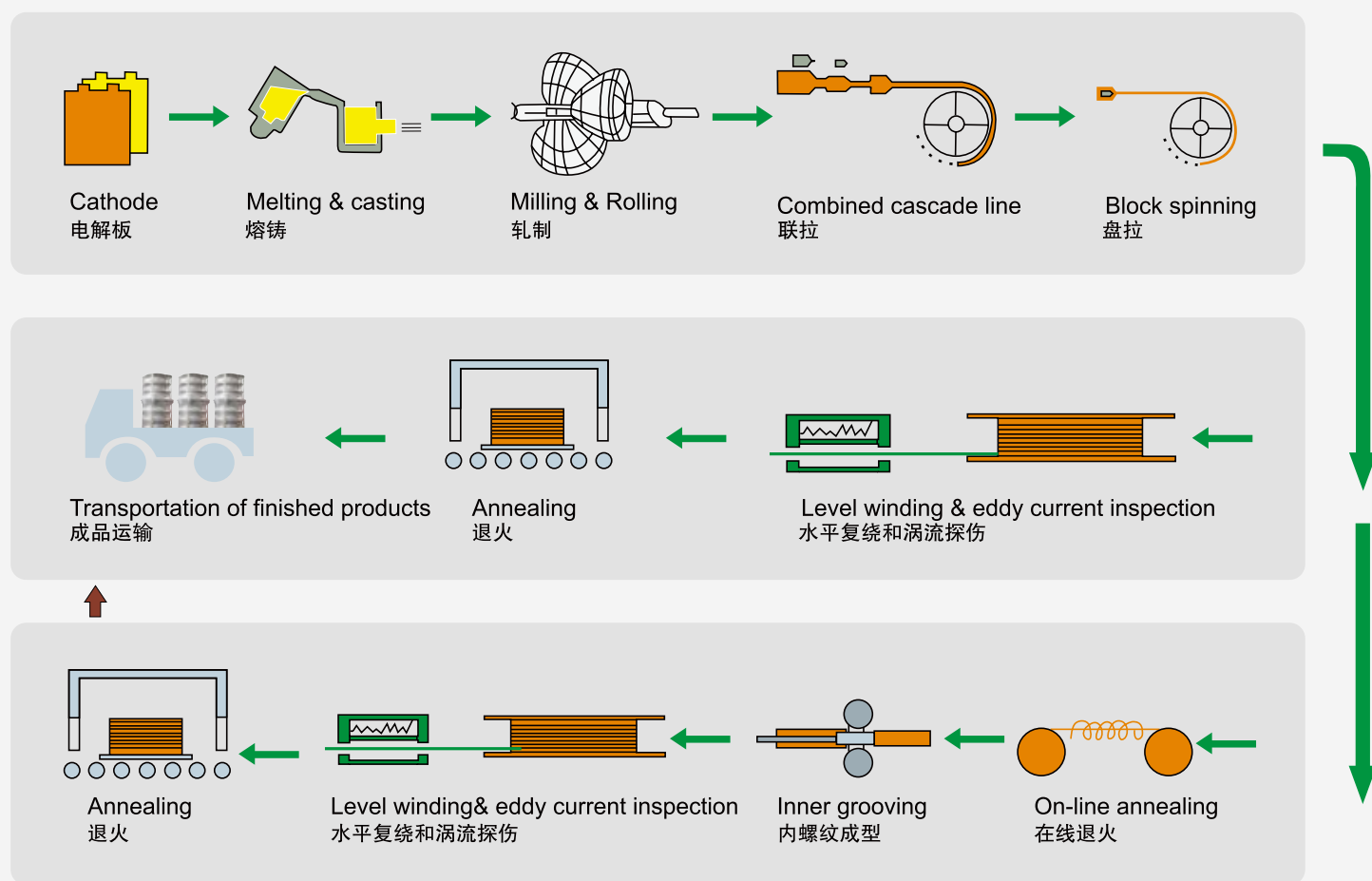


编织袋 Woven bag



木箱 Wooden

生产流程 Production Process



主要化学 Material	GB	ASTM	BSEN	JIS	主要化学成分 Main Chemical Composition (%)
纯铜 Pure Copper	T ₂	C11000	C101,C102	C1100	Cu+Ag≥99.90
磷铜 Phosphorus	TP ₁	C12000	—	C1201	Cu+Ag≥99.90 P:0.004~0.012
脱氧铜 Deoxidized Copper	TP ₂	C12200	C106	C1220	Cu+Ag≥99.90 P:0.015~0.040
无氧铜 Oxygen-free copper	TU0	—	—	—	Cu+Ag≥99.97
无氧铜 Oxygen-free copper	TU1	C10100	—	—	Cu+Ag≥99.97
无氧铜 Oxygen-free copper	TU2	C10200	—	C1020	Cu+Ag≥99.95



ADD : RM309,BLOCK 4 , LIANTANG
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