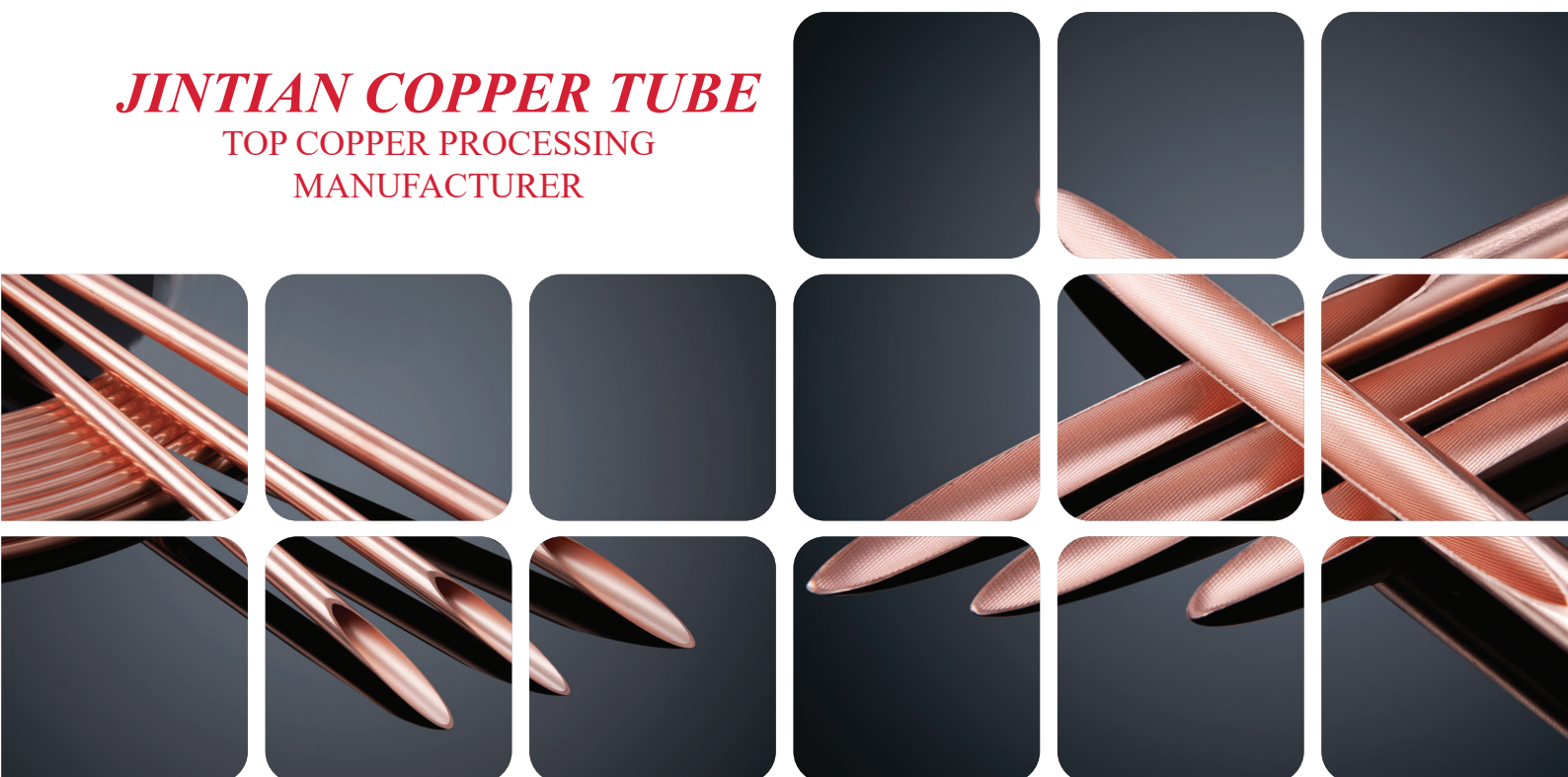


JINTIAN COPPER TUBE
TOP COPPER PROCESSING
MANUFACTURER



JINTIANTM

JINTIAN COPPER INDUSTRIAL(VIETNAM)COMPANY LIMITED



Company Profile

JINTIAN (Vietnam) Co., Ltd was established in March 2017 in Long Giang Industrial Park, Tan Phuoc District, Tien Giang Province with an area of 100,000 m2, more than 400 workers. Jintian Copper Industrial Vietnam Co., Ltd is a high technology company which specializes in manufacturing copper products for air-conditioner, refrigeration industry, copper water pipes for environmental protection (HVAC&R industry) and other copper products.

The company has set up advancing production lines and testing equipments from Germany, America, Japan and other developed countries in the world. The company also has many production lines for air-conditioning pipes by continuous casting and rolling method which is the world leading technology .At present the company's main products are inner-groove tube, level wound coil, air-conditioner tube, water pipe , mosquito incense roll (pancake coil) , insulated coil and some products serving to civil construction, electrical industry , HVAC&R industry. The company always complies with management point of view such as clear instruction about company culture, guarantees and standardizes in the system operates ways and continuously strengthening the management foundation. This is the first company in the industry passed through the ISO 14001 environmental standard, the ISO 45001 occupational health and safety standard, the ISO 9001 quality control standard, Japanese standard JIS, Korean standard KS, American standard ASTM B280 , European standard AD2000 OW , Indian standard BIS, Australian standard and other system certifications helping the company's products are more interested and used a lot in the United States, Europe, Japan, Korea, Thailand, India, Vietnam, Southeast Asia, and other countries and regions. Besides, Daikin, Hitachi, Samsung, LG and other famous brands of air conditioning industry around the world have believed and cooperated with Jintian enterprise in order to achieve the reputable and brightening brands in the international market.

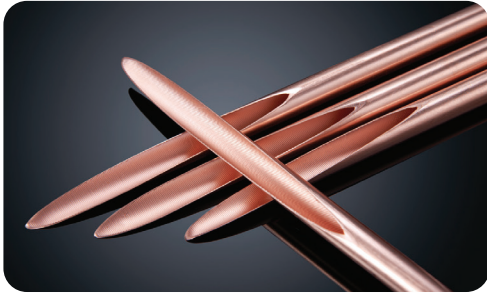
For the global strategic vision in future ,company always adheres to the mission “creating the high value for customers, building a century brand, becoming a copper industrial benchmark , contribute the potential power to the copper industry” and focus on “scale, platformization, automation, internationalization and environmental protection”. The development path is led by the most talented people, the best technology, the first-class equipment, the first-class service, the precise lean manufacturing, the optimal management and the advance technology, continuously adjusting product structure, optimize product quality, improving service quality and leading international trends. Committing to being a world-class copper tube manufacturer and the most trusted partner in the global refrigeration industry.

Note: Jintian Copper (Vietnam) Limited Company is a subsidiary which is 100% investment from Jintian Copper China (Group) Co., Ltd., head-quartered is in Ningbo, Zhejiang, China. It was established in October 1986 and listed on the market in 2020. China Jintian Copper (Group) Co., Ltd. covers an area of 1.55 million m2, more than 6000 employees and about 2 million copper tons productivity per year with over 148 million USD of revenue. Now, it was the largest copper manufacturer in China and listed in the top 500 companies in China. The group has more than 20 branches which related to produce in the copper processing industry, construction materials, new materials, non-ferrous metal and other fields throughout China (Jiangsu, Chongqing, Guangdong), Germany, Japan, Thai, USA, Vietnam and other countries.

System Certification



Inner-Grooved Tube



Application: Used in air conditioner and refrigeration systems of heat exchange industry,

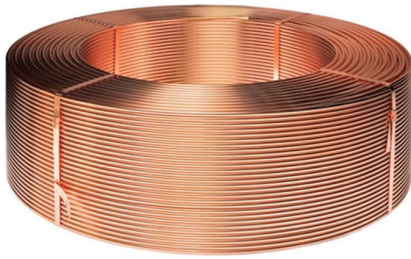
Quality: Suitable for all refrigerants.

Composition: Cu99.96%, P: 0.015%-0.040%

Temper: Soft annealed Packaging : Wooden pallets

Specifications	Unit Weight (g/m)	Bottom Wall Thickness TW	Fin Groove Depth HF	Total Wall Thickness	Apex Angle	Helix Angel	Number of tooth
Φ5.00*0.20+0.12	30-33	0.2	0.12	0.32	12	27	54
Φ5.00*0.20+0.15	31.5-34.2	0.2	0.15	0.35	12	26	54
Φ5.00*0.22+0.13	32-34	0.22	0.13	0.35	30	26	40
Φ5.00*0.20+0.14	30-34	0.2	0.14	0.34	15	25	45
Φ7.00*0.22+0.10	45-49	0.22	0.1	0.32	40	18	65
Φ7.00*0.23+0.12	47-49	0.23	0.12	0.35	20	17	65
Φ7.00*0.24+0.18	52-55	0.24	0.18	0.42	35	18	50
Φ7.00*0.24+0.12	50 ± 1/-2	0.24	0.12	0.36	28	26	55
Φ7.00*0.24+0.15	49.5-52	0.24	0.15	0.39	28	30	54
Φ7.00*0.25+0.10	52 ± 2	0.25	0.1	0.35	40	18	65
Φ7.00*0.27+0.15	61 ± 2	0.27	0.15	0.42	53	18	60
Φ7.94*0.24+0.13	62 ± 2	0.24	0.13	0.37	33	18	70
Φ7.94*0.26+0.21	68-71	0.26	0.21	0.47	15	30	75
Φ7.94*0.26+0.17	65 ± 2	0.26	0.17	0.43	40	18	50
Φ9.52*0.27+0.12	78.5 ± 2	0.27	0.12	0.39	30	15	65
Φ9.52*0.28+0.12	80 ± 2	0.28	0.12	0.4	53	15	65
Φ9.52*0.28+0.15	85 ± 2	0.28	0.15	0.43	53	18	60
Φ9.52*0.30+0.18	87 ± 2	0.3	0.18	0.48	30	16	60
Φ9.52*0.30+0.20	93 ± 2	0.3	0.2	0.5	53	18	60
Φ9.52*0.40+0.20	119 ± 3	0.4	0.2	0.6	53	18	60
Φ9.52*0.62+0.15	164±3	0.62	0.15	0.77	42	18	60
Φ12.7*0.35+0.20	140 ± 3	0.35	0.2	0.55	53	18	65

Level Wound Coil



Application: Used in air conditioner and refrigeration system of heat exchange industry.

Quality: Suitable for all refrigerants.

Composition: Cu≥99.96%, P: 0.015%-0.040%

Temper: soft annealed

Packaging: Wooden pallets

OD		Wall Thickness		Coil Weight
mm	Inch	mm	Inch	kg
4.76	3/16	0.28-0.81	0.011-0.032	90-130 130-180 >180(as per customer's requirements)
6.35	1/4	0.28-1.07	0.011-0.042	
9.52	3/8	0.28-1.50	0.011-0.059	
12.7	1/2	0.35-2.00	0.014-0.079	
15.88	5/8	0.46-2.00	0.018-0.079	
22.23	7/8	0.89-2.00	0.035-0.079	
Executive Standard: GB/T 17791-2007, ASTM B280, JIS H3300, ASTM B88, ASTM B68 AS/NZS 1571:1995, AS1432, EN1057				

Pancake Coil



Application: Connection for piping system and ACR units.

Quality: Suitable for all refrigerants.

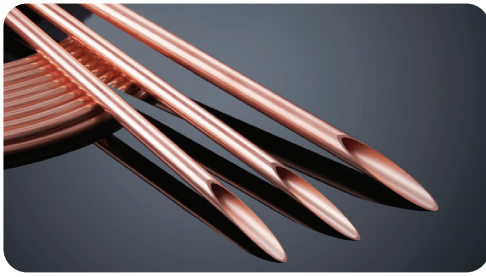
Composition: Cu≥99.96%, P:0.015%-0.040%, P:0.015%-0.040%

Temper: Soft annealed

Packaging: End capped; single/double layer; shrink wrapped.

JIS H300/ASTM B280 SOFT ANNEALED COIL							
Specification				Coil Per Carton		Working Pressure Mpa	Working Pressure Psi
Inch		mm		Single	Double		
OD	WT	OD	WT				
3/16	0.030	4.76	0.76	12	10	15.11	2192
1/4	0.030	6.35	0.76	12	10	10.94	1586
3/8	0.032	9.52	0.81	9	10	7.55	1094
1/2	0.032	12.70	0.81	7	5	5.56	806
3/4	0.035	19.05	0.89	4	4	3.99	579
7/8	0.045	22.23	1.14	4	4	4.41	639
3/16	0.024	4.76	0.61	12	10	11.75	1703
5/16	0.024	7.94	0.61	9	10	6.74	978
3/8	0.024	9.52	0.61	9	10	5.56	806
1/2	0.028	12.70	0.71	7	5	4.83	700
5/8	0.028	15.88	0.71	5	5	3.83	555
7/8	0.040	22.23	1.02	4	4	3.91	567
Other sizes can be customized							

Straight Tube



Application: Connection for piping system and ACR units.

Quality: Suitable for all refrigerants.

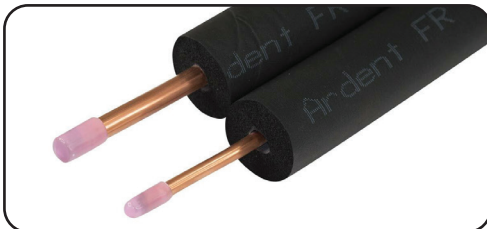
Composition: C12200, Cu299.96%, P: 0.015%-0.040%

Temper: Hard

Packaging: Capped/plugged

ASTM B280 HARD TEMPER PIPE			
Actual OD	Actual OD	Length	Actualy Wall Thickness
Inch	mm	m	mm
3/16	4.76	2-6	0.4-1.2
1/4	6.35	2-6	0.4-1.2
3/8	9.52	2-6	0.3-1.5
1/2	12.70	2-6	0.4-1.5
5/8	15.88	2-6	0.5-1.5
7/8	22.23	2-6	0.7-1.65
Executive Standard: GB/T 17791-2007, ASTM B280, JIS H3300, ASTM B88, ASTM B68 AS/NZS 1571:1995, AS1432, EN1057			

Insulated Copper Tube



Application: Fire retardant coil provides a quick and reliable solution to air-conditioning installations.

Specification	Copper Tube Outer diameterxthickness (mm)	Insulated Tube Inner diameter and thickness (mm)
1/4	6.35×0.75	φ8(±0.5)×8(EMPAISTIC)
3/8	9.52×0.8	φ12(±0.5)×8(EMPAISTIC)
1/2	12.70×0.8	φ14(±0.5)×8(EMPAISTIC)
3/4	19.05×1.0	φ22(±1)×9(EMPAISTIC)
7/8	22.22×1.2	φ25(±1)×10(EMPAISTIC)
1	25.40×1.2	φ28(±1)×10(EMPAISTIC)
1-1/4	31.75×1.5	φ35(±1)×10(EMPAISTIC)
1-1/2	38.10×1.5	φ42(±1)×10(EMPAISTIC)
1/4×3/8	6.35×0.75/9.52×0.8	φ8(±0.5)/φ12(±0.5)
1/4×5/8	6.35×0.75/15.88×1.0	φ8(±0.5)/φ18(±0.5)
3/8×5/8	9.52×0.8/15.88×1.0	φ12(±0.5)/φ18(±0.5)
1/2×3/4	12.70×0.8/19.05×1.0	φ14(±0.5)/φ22(±1)

Manner Of Packing



LWC

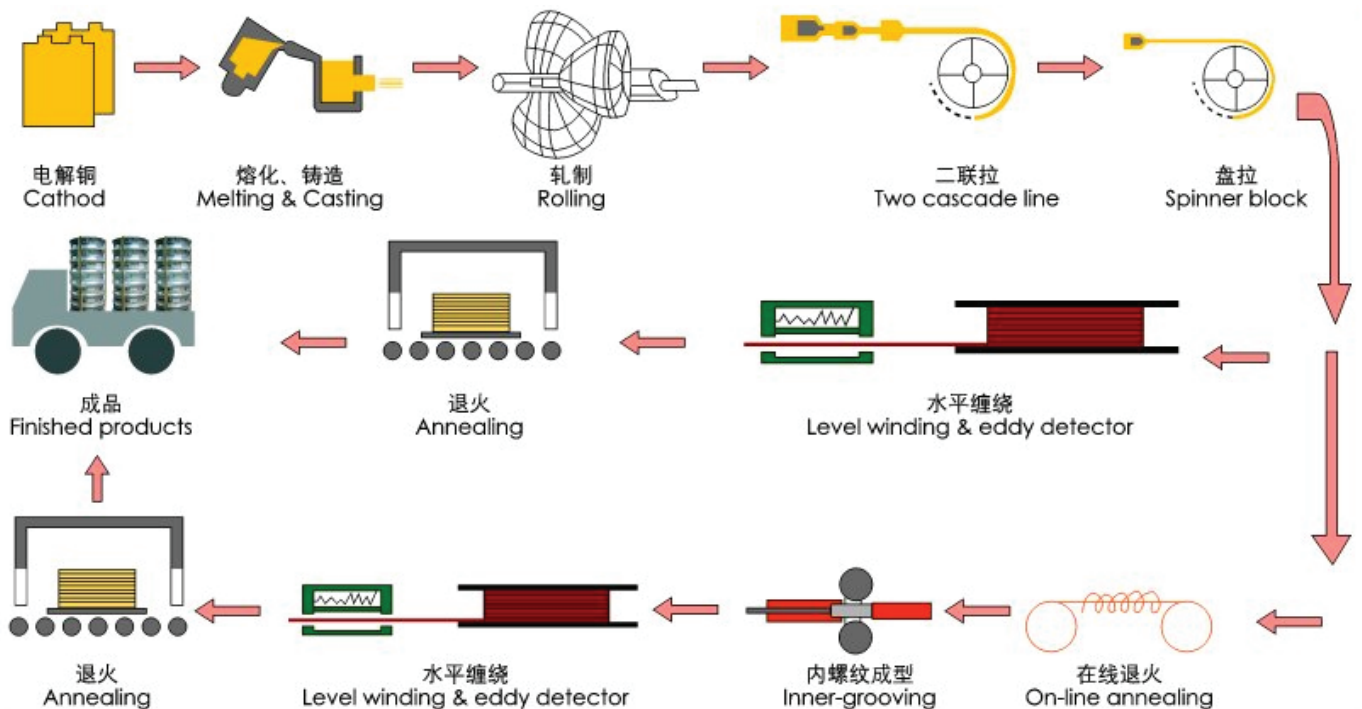


Pancake Coil



Straight Tube

Process Flow Diagram



Primary Testing Items And Equipment Table

Testing Items	Name of the main testing equipment	Type / producing region
Electrolytic Copper Chemical Composition 电解铜化学成分检测	DC arc spectrometer 直流电弧光谱仪测	ARL3460 OES/Thermo Fisher/USA
Copper tube defects 铜管缺陷检测	Eddy Current Inspection 涡流探伤仪 (在线探伤)	ETC12A, ETH10A/China
Grain size 晶粒度检测	Metallographic Microscope 金相显微镜	DMILM/Germany
The Internal profile 内螺纹检测	Image Mapping Instrument 影像测绘仪	Eagle M 20.10/China
Computer electronic mechanical properties 机械性能微机电子检测	Tension Tester 电子拉力试验机	ETM504B-TS, ETM104B-TS/China
Cleanness 清洁度	Electronic Scales 电子天平 (0.01毫克)	CPA225D/China
Oil of the tube inner wall 铜管内壁油分检测	Oil content analyzer 油分测定仪	OCMA-505 / Japan HORIBA OCMA-505 /Japan HORIBA
Moisture of the tube inner wall 铜管内壁水分检测	Moisture Detector 水分分析仪	831GSD/Switzerland
Copper hardness testing 铜管硬度检测	Vickers Sclerometer 维氏硬度计	200HVS-5/China

Company Image



Honor Partner



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