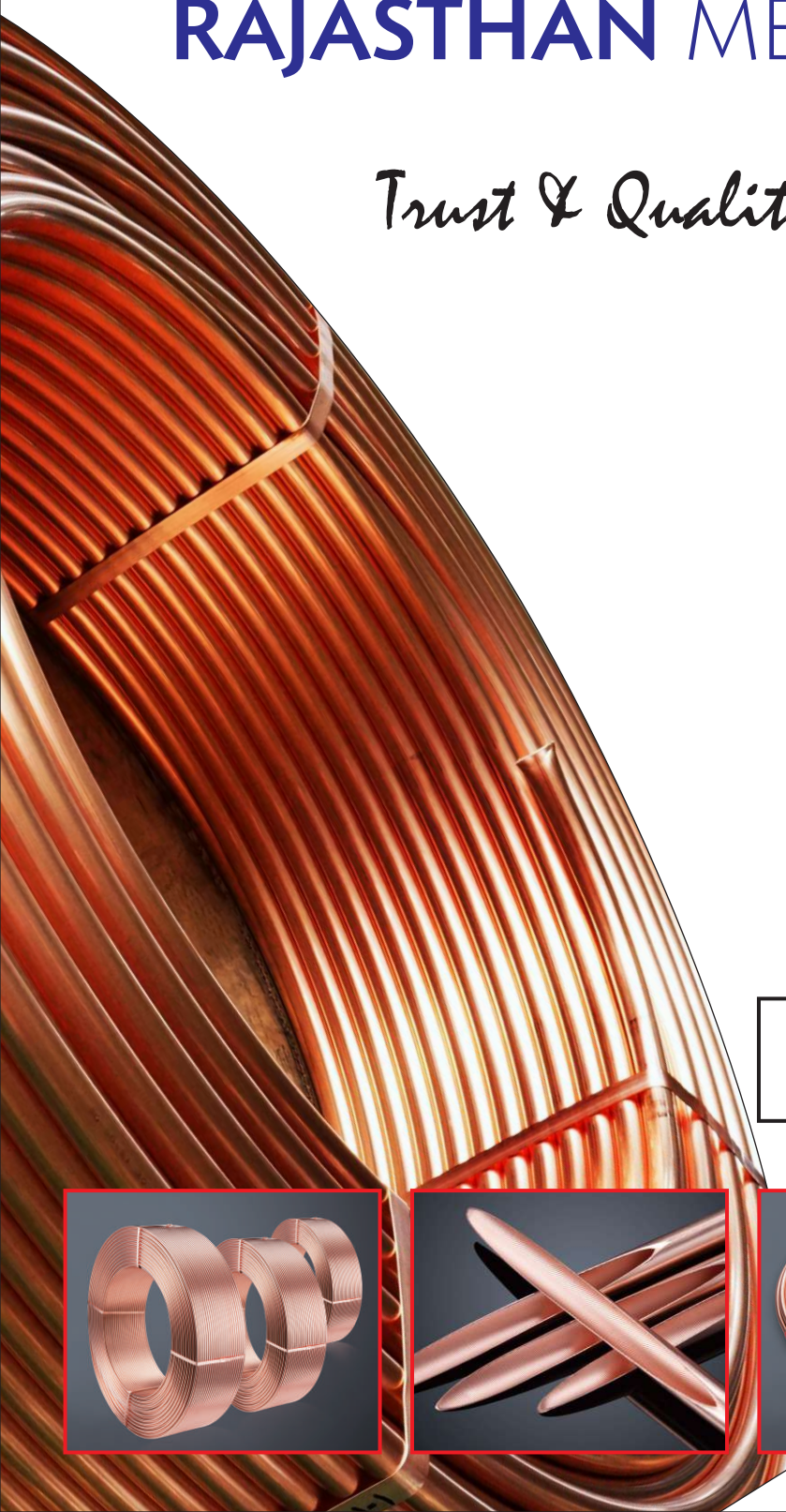


**RAJASTHAN METALS Pvt. Ltd.**

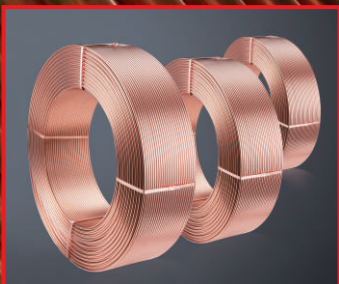
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Auth. Distributors for:

**JINTIAN** | **HAILIANG**

Copper LWC | IGT | Pancake Coils | Straight Tubes



# JMF Company Product Information

- Industry Leader  
Since 1947



- Over 12,000 SKU's
- Customer Driven Solutions
- Superior Manufacturing



Your Single Source Solution

U.S. OPERATING COMPANY OF HAILIANG

# JMF Seamless Copper Tube

JMF Seamless Copper Tube is preferred by plumbing, HVAC and refrigeration professionals who demand the highest quality, appearance, fill rates and largest selection. For safety and reliability, pure copper tubing remains the #1 choice of professional plumbers installing potable water systems. JMF stocks a complete array of popular types and sizes to satisfy the applications listed below. Visit our pricing page at [www.jmfcompany.com](http://www.jmfcompany.com) to view detailed product information on JMF Seamless Copper Tubing.



## MATERIALS

- Tubing is a minimum of 99.99% pure copper tube (Alloy 12200)
- Tube supplied meets or exceeds all applicable ASTM and Industry standards

## STANDARDS & SPECIFICATIONS

### ASTM B-88 COPPER WATER TUBE, TYPE K, L M

- Copper tube (Alloy 12200) has been evaluated by Underwriters Laboratories, Inc. To ANSI/NSF Standard 61 for use in drinking water supplies of pH 6.5 and above. Drinking water supplies which are less than pH 6.5 may require corrosion control to limit leaching of copper into the drinking water.
- Copper tube has been NSF classified by Underwriters Laboratories, Inc. only to ensure that specific analyzed samples met regulatory requirements.

### ASTM B-819 COPPER TUBE FOR MEDICAL GAS SYSTEMS

- Manufactured tubes up to and including 2 1/8" are plugged and charged with nitrogen following the cleaning operation

### ASTM B-280 COPPER TUBE FOR AIR CONDITIONING AND REFRIGERATION FIELD SERVICE

- Manufactured straight length hard tubes up to and including 2 1/8" are plugged and charged with nitrogen following the cleaning operation. All tubes up to and including 8 1/8" are manufactured to the cleanliness requirements of 0.0035 g/ft<sup>2</sup> maximum residue as required by B-280/B-819.

### ASTM B-306 COPPER DRAINAGE TUBE (DWV)

## FEATURED ITEMS & APPLICATIONS

- **Type K:** ASTM B-88 Domestic Water, Service and Distribution, Fire Protection, Solar, Fuel/Fuel Oil, HVAC, Snow Melting, and Oxy C & C
- **Type L:** ASTM 8-88 Domestic Water, Service and Distribution, Fire Protection, Solar, Fuel/Fuel Oil, HVAC, Snow Melting, and Natural Gas
- **Type M:** ASTM B-88 Domestic Water, Service and Distribution, Fire Protection, Solar, Fuel/Fuel Oil, HVAC, and Snow Melting
- **Type DWV:** ASTM B-306 Drain, Waste, Vent, HVAC, and Solar
- **Utility Grade:** Do-It-Yourself Market
- **ACR:** ASTM B-280 Air Conditioning, Refrigeration, Natural Gas and Liquefied Petroleum (LP) Gas
- **Refrigeration:** ASTM B-280 Air Conditioning, Refrigeration, Natural Gas and Liquefied Petroleum (LP) Gas

JMF COMPANY IS YOUR CONSOLIDATING SOURCE FOR copper tubing, line sets, copper fittings, push to fit, pex, ball valves, gas valves, plumbing valves, malleable fittings, steel nipples, plastic fittings, brass threaded, brass nipples, flare & compression, gas connectors, water connectors, appliance kits, cord sets and MORE.





**RMPL-JMF**



**Brand Sold in USA & The Europe**

**Top Quality - Exclusive Branding - Approved by Daikin in the USA**

*American Brand*

**MADE IN THAILAND**

<b>OD</b>	<b>Size(mm)</b>	<b>Weight/ Roll</b>
1/2"	12.70*0.64	3.250 kg
1/4"	6.35*0.48	1.200 kg
5/8"	15.88*0.65	4.300 kg
3/8"	9.52*0.56	2.200 kg
5/16"	7.94*0.54	1.700 kg
3/16"	4.76*0.43	800 gm

**Brand Sold with super exclusivity**

**Added uniqueness of Thailand make**

**Supreme Quality**

**Incentives that give back even more benefit**

**Special one of a kind pricing model that gives you more power on pricing**



**Your Single Source Solution**





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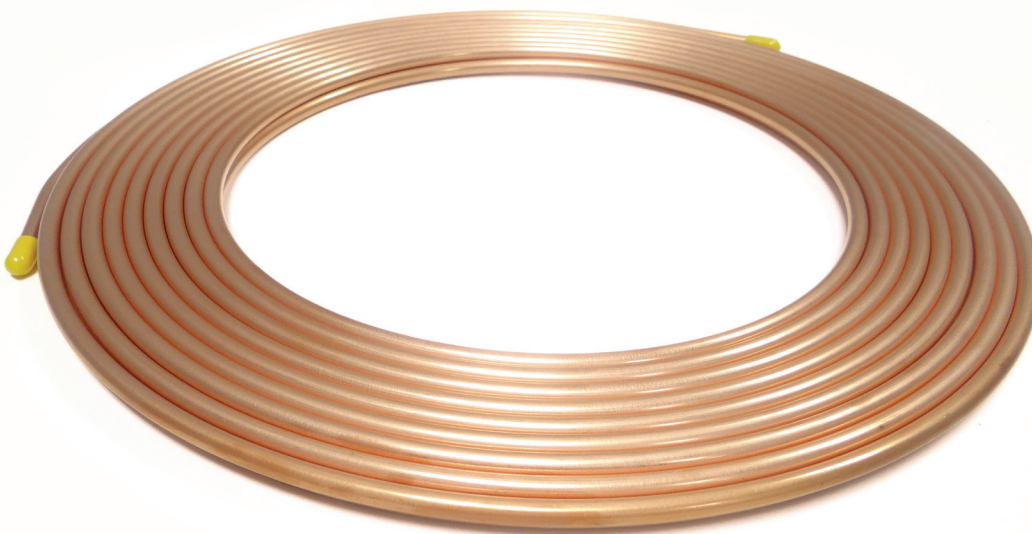
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## Air Conditioning Grade Seamless Copper Coils

### 1/8" to 1 1/8" OD in 50' & 100' coils

- Annealed to ensure easy field installation
- Dehydrated, cleaned and capped
- Burst pressure meets or exceeds 3X maximum 410A operating pressures

O.D(inch)	Length(ft)
1/8", 1/4" to 1 1/8"	50' & 100'



Standard	Copper Alloy NO.	Chemical Composition		Mechanical Properties			
		CU%	P%	Temper	Tensile strength (Mpa)	Elongation (%)	Average
ASTM B743 & B88	C12200	>99.9	0.015 to 0.040	>060	>205	>40	>0.040

Comparison table of chemical composition & mechanical properties of the product as per domestic and foreign standards.

### Burst Pressure by O.D. (Burst pressures based upon the Barlow Formula)

1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"
6522 PSI	4225 PSI	3125 PSI	2582PSI	2986 PSI	3401 PSI	2337 PSI

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## Standard Tube Certificate of Conformance



Tube Type	Specification No.	Specification Title
Type K, L & M	ASTM B 88 NSF 61	Standard Specification for Seamless Copper Water Tube ANSI/NSF Standard 61 Drinking Water System Components
Coils and Straight Lengths Marked as ACR	ASTM B 280	Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
Seamless Copper Tube in Coils	ASTM B743	This specification covers seamless copper tube in coils suitable for use in refrigeration and air conditioning or such other uses as oil lines, gasoline lines, etc.

**Statement: All products provided by JMF and the material used in the production process accord with the following conditions.**

- Chemical component of copper tube: Cu content  $\geq$  99.90%, P content 0.015 - 0.040%, essentially lead free.
- All products are produced according to the above corresponding standard.
- Six restricted substances specified by RoHS (Pb, Cd, Cr<sup>+6</sup>, Hg, PBB, PBDE) all meet the regulated requirement.
- Country of origin, Vietnam

JMF COMPANY IS YOUR CONSOLIDATING SOURCE FOR copper tubing, line sets, copper fittings, push to fit, pex, ball valves, gas valves, plumbing valves, malleable fittings, steel nipples, plastic fittings, brass threaded, brass nipples, flare & compression, gas connectors, water connectors, appliance kits, cord sets and MORE.





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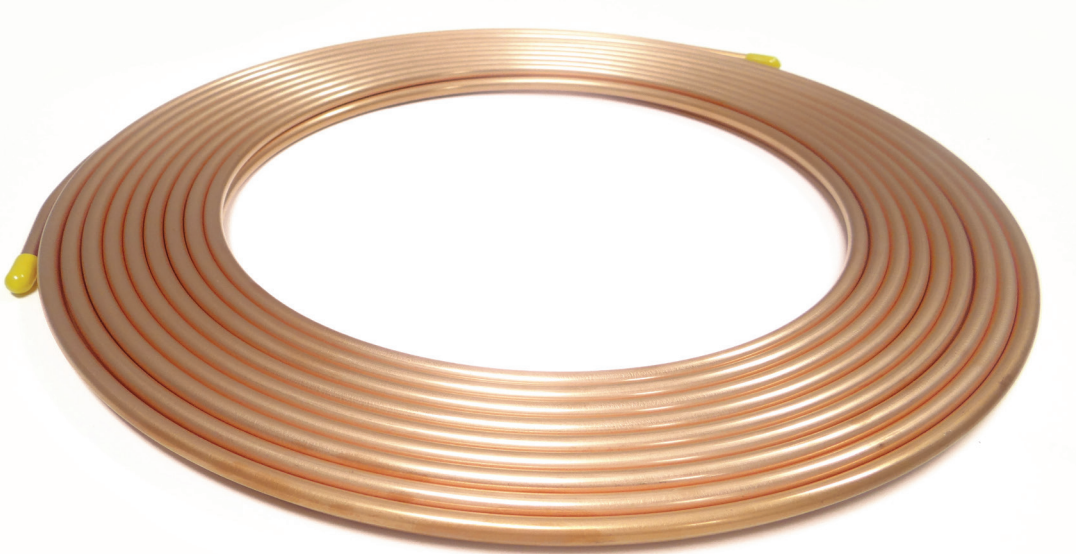
U.S. OPERATING COMPANY OF HAILIANG

# ASTM B280 Seamless Copper Coils

1/8" to 1 1/8" OD in 50' & 100' coils

- Annealed to ensure easy field installation
- Dehydrated, cleaned and capped
- Copper tubing is incised with "ASTM B280" markings for easy identification.

O.D(inch)	Length(ft)
1/8", 1/4" to 1 1/8"	50' & 100'

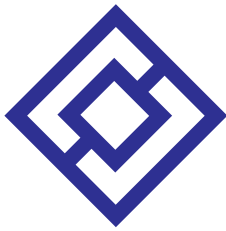


Standard	Copper Alloy NO.	Chemical Composition		Mechanical Properties			
		CU%	P%	Temper	Tensile strength (Mpa)	Elongation (%)	Average
ASTM B280	C12200	>99.9	0.015 to 0.040	>060	>205	>40	>0.040

Comparison table of chemical composition & mechanical properties of the product as per domestic and foreign standards.

JMF COMPANY IS YOUR CONSOLIDATING SOURCE FOR copper tubing, line sets, copper fittings, push to fit, pex, ball valves, gas valves, plumbing valves, malleable fittings, steel nipples, plastic fittings, brass threaded, brass nipples, flare & compression, gas connectors, water connectors, appliance kits, cord sets and MORE.





# RAJASTHAN METALS Pvt. Ltd.

*Trust & Quality Always....*

## ABOUT US

We are dealing in import and stocking of copper and copper alloys. With over 55 years of experience in the industry, we believe that trust and transparency are pillars of our growth. We are the authorized distributors of Jintian and Hiliang Copper Products in India. We maintain a huge range of sizes and specifications of copper tubes used in heating, air-conditioning and ventilation industry. Parallely we also stock imported copper tubes used in Geyser and Heating Element Industry.

### Infrastructure you can rely upon



## RAJASTHAN METALS Pvt. Ltd.

H. O.: B-34/6, G.T. Karnal Road Industrial Area,  
Delhi-110033. | Ph.: +91 9990942884, 9312211418

Email: sales.rmetals73@gmail.com,  
rmetals73@gmail.com

Website: rajasthanmetals.com

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