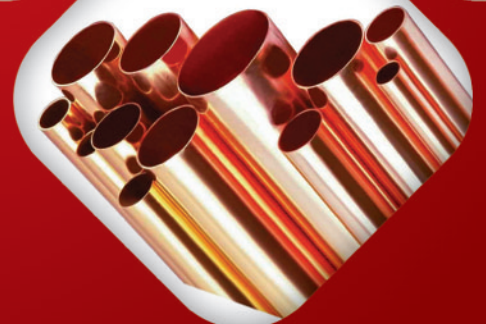
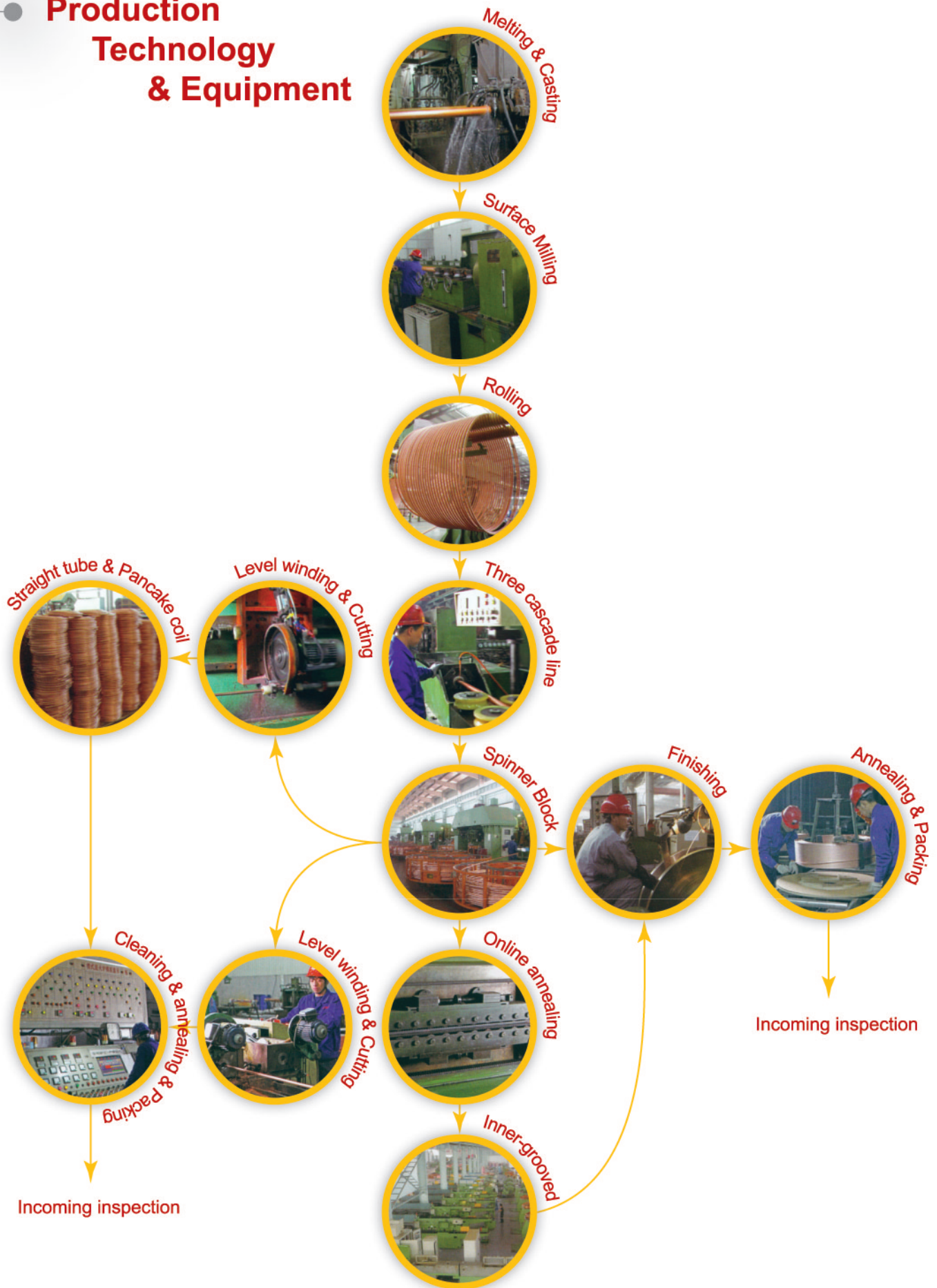


VENTURE

COPPER TUBE



**Production
Technology
& Equipment**



Introduction

Venture Copper Tube is manufactured by one of the largest copper tubing manufacturers in China. It specializes in manufacturing high-quality Venture HVACR, AC copper pipes and tubings, environment-friendly copper tubes, and copper tubing accessories and fittings.

Venture product line is manufactured in strict accordance with ASTM, ASME B, EN, JIS, AS/NZS, and GB/T standards. The Venture product line comprises mainly of inner-grooved copper tubings, LWC, straight copper tubings, pancake coil, capillary copper tubings, insulated copper tubings, a wide range of copper fittings, components, and accessories. The company has invested in setting up the state-of-art product manufacturing equipment and testing machinery from Japan and Germany. A certified Quality Management System is implemented that complies with ISO 9001:2008 GB/T19001-2008 and ISO 14001:2004 GB/T24001:2004 by which requirements of RoHS can also be met.

The Venture product line is globally exported to a wide range of customers in North America, Europe, Africa, Asia, and the Middle East. The Venture product line has received numerous applauds and recognition from customers for excellent quality-centered products and after-sales support.

The company is in the pursuit of constant development, innovation, expansion and improvement, thereby climbing towards a higher goal.

Our company values its customers proficiently and welcomes them to embark on a long-term business relationship.



Straight copper tube

Product features and application

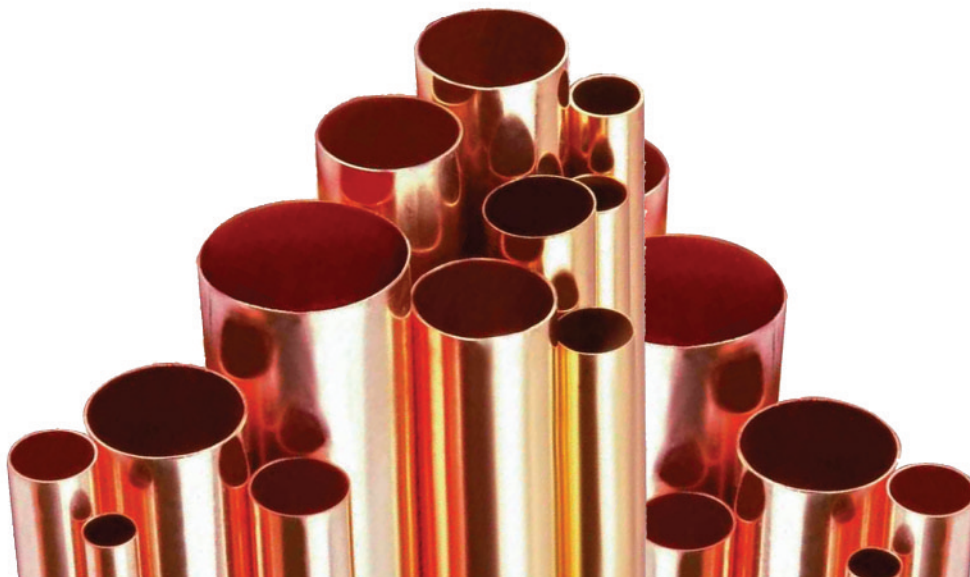
TYPE K:- Copper tubes of Type K are Thick-walled, much thicker than Type L and Type M, and are used for domestic water service and distribution, fire protection, solar, fuel and oil, HVAC, compressed air, oxygen, LPG gas, snow melting, steam, and vacuum systems.

TYPE L:- Standard copper tubes of Type L are used for the interior above ground plumbing, domestic water service and distribution, fire protection, solar, fuel and oil, HVAC, compressed air, LPG gas, snow melting, and vacuum-systems.

TYPE M:- Copper tubes of Type M are used in ACR systems, Refrigerators, coolers, refrigerant units, building water pipes, and generator units. The thickness of the wall is less than that of Type K and Type L.

HARD DRAWN-STRAIGHT LENGTHS							
Outer diameter		Wall thickness			Weight		
		Type K	Type L	Type M	Type K	Type L	Type M
		ASTM B 280		Economical			
Inch	mm	mm	mm	mm	kg/m	kg/m	kg/m
3/8"	9.53	0.89	0.76	0.61	0.216	0.187	0.152
1/2"	12.70	1.24	0.89	0.61	0.398	0.294	0.206
5/8"	15.88	1.24	1.02	0.71	0.508	0.424	0.302
3/4"	19.05	1.24	1.07	0.71	0.618	0.539	0.365
7/8"	22.23	1.65	1.14	0.81	0.95	0.673	0.486
1 1/8"	28.58	1.65	1.27	0.91	1.244	0.971	0.705
1 3/8"	34.93	1.65	1.40	1.02	1.537	1.314	0.968
1 5/8"	41.28	1.83	1.52	1.22	2.021	1.692	1.368
2 1/8"	53.98	2.11	1.78	1.42	3.065	2.602	2.09
2 5/8"	66.68	-	2.03	1.63	-	3.675	2.969
3 1/8"	79.38	-	2.29	1.78	-	4.943	3.868
4 1/8"	104.78	-	2.79	2.41	-	7.967	6.908
5 1/8"	130.18	-	3.18	2.77	-	11.308	9.882
6 1/8"	155.58	-	3.56	3.10	-	15.154	13.236

* Available in 5.8 MTR Length. Other sizes are available on request.



Pancake coils

Product features and application

The soft-annealed copper coil is mostly used in refrigerant line of HVAC systems. It can be used for the Connection, repairs, or modification of air-conditioning units. Copper tubing can be joined by using flare connection, compression connection, or solder. Venture Copper Coil is manufactured in single-layer, double-layer, and multi-layer and it is suitable for bending with or without tools.

SOFT ANNEALED COILS							
Outer diameter		Wall thickness		Weight	Wall thickness		Weight
		Standard ASTM B 280			Economical		
Inch	mm	Inch	mm	kg/m	Inch	mm	kg/m
3/16"	4.76	0.030	0.760	0.085	0.024	0.61	0.0709
1/4"	6.35	0.030	0.760	0.119	0.024	0.61	0.0980
5/16"	7.94	0.032	0.810	0.162	0.024	0.61	0.1252
3/8"	9.52	0.032	0.810	0.198	0.024	0.61	0.1524
1/2"	12.70	0.032	0.810	0.270	0.028	0.71	0.2384
5/8"	15.88	0.035	0.890	0.374	0.028	0.71	0.3016
3/4"	19.05	0.035	0.890	0.453	0.032	0.81	0.4137
7/8"	22.23	0.045	1.14	0.673	0.040	1.02	0.6058
1 1/8"	28.58	0.050	1.27	0.971	-	-	-

* Available in 15MTR Coils. Other sizes are available on request.



Copper Fittings (As per ASME B16.22)

Straight Coupling CXC

Size (Inch)
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"
2 5/8"
3 1/8"
3 5/8"
4 1/8"



Adapter CMXI

Size (Inch)
5/8" x 3/8"
5/8" x 1/2"
5/8" x 3/4"
7/8" x 1/2"
7/8" x 3/4"
1 1/8" x 1/2"
1 1/8" x 1"



Reducing Coupling CXC

Size (Inch)
1/2" x 3/8"
5/8" x 3/8"
5/8" x 1/2"
3/4" x 3/8"
3/4" x 1/2"
3/4" x 5/8"
7/8" x 1/2"
7/8" x 5/8"
7/8" x 3/4"
1 1/8" x 5/8"
1 1/8" x 7/8"
1 1/8" x 3/4"
1 3/8" x 7/8"



Size (Inch)
1 3/8" x 1 1/8"
1 5/8" x 7/8"
1 5/8" x 1 1/8"
1 5/8" x 1 3/8"
2 1/8" x 1 1/8"
2 1/8" x 1 3/8"
2 1/8" x 1 5/8"
2 5/8" x 1 5/8"
2 5/8" x 2 1/8"
3 1/8" x 2 1/8"
3 1/8" x 2 5/8"
4 1/8" x 3 5/8"

Bushing

Size (Inch)
3/8" x 1/4"
1/2" x 1/4"
1/2" x 3/8"
5/8" x 1/2"
5/8" x 3/8"
3/4" x 5/8"
3/4" x 1/2"
7/8" x 5/8"
7/8" x 1/2"
7/8" x 3/4"
1 1/8" x 1/2"
1 1/8" x 5/8"
1 1/8" x 7/8"
1 1/8" x 3/4"



Size (Inch)
1 3/8" x 7/8"
1 3/8" x 1 1/8"
1 5/8" x 7/8"
1 5/8" x 1 1/8"
1 5/8" x 1 3/8"
2 1/8" x 1 1/8"
2 1/8" x 1 3/8"
2 1/8" x 1 5/8"
2 5/8" x 1 3/8"
2 5/8" x 1 5/8"
2 5/8" x 2 1/8"
3 1/8" x 2 1/8"
3 1/8" x 2 5/8"

Copper Fittings (As per ASME B16.22)

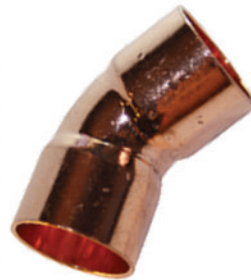
Elbow 90° CXC

Size (Inch)
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"
2 5/8"
3 1/8"
3 5/8"
4 1/8"



Elbow 45° CXC

Size (Inch)
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"
2 5/8"



Reducing Elbow 90°

Size (Inch)
5/8"
1/2"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"



P-Traps

Size (Inch)
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"



Equal Tee CXCXC

Size (Inch)
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"
2 5/8"
3 1/8"
3 5/8"



Long Radius Elbow 90° CXC

Size (Inch)
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"
2 5/8"



Tube Straps

Size (Inch)
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1 1/8"
1 3/8"
1 5/8"
2 1/8"





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