

2017 PRODUCT CATALOG



Copper tubes for Refrigeration and Air Conditioning



What we do ?

Yingtian Winland Metallurgy Co., Ltd. supplies a wide range of copper products for air conditioning and refrigeration use.

Considering the special requirements of this field, the product quality is crucial for engineers.

How to find us?

Located in Yingtian city of Jiangxi. a famous copper production area in China.



Product Standard

Winland aims to provide our customer reliable copper products for connection, repairs or alternations of air conditioning or refrigeration units. Our products quality base on ASTM B280, JIS H3300, EN12735 and AS 1571.

Supply Condition

	Length	Packing
Straight pipe	5.8 meters	-In plastic bundles -Wooden case (additional fee will be charged)
Coils	15.0 meters	Sealed by plastic bag then in carton box

International Copper Designation

Cu (min) 99.90%

Phosphorus 0.015~0.040%

China	German		EU		International	USA	Japan
GB	DIN		EN		ISO	UNS	JIS
TP2	SF-Cu	2.009	Cu-DHP	CW024A	Cu-DHP	C12200	C1220

ASTM B280 Size Chart

Please refer to ASTM B16.22 for fittings standard.

Standard Size	Straight Tube					Coils				
	Outside Diameter		Wall Thickness		Length (meter)	Outside Diameter		Wall Thickness		Length (meter)
	in	mm	in	mm		in	mm	in	mm	
1/8	-	-	-	-	-	0.125	3.18	0.030	0.762	15.0
3/16	-	-	-	-	-	0.187	4.75	0.030	0.762	15.0
1/4	-	-	-	-	-	0.250	6.35	0.030	0.762	15.0
5/16	-	-	-	-	-	0.312	7.92	0.032	0.813	15.0
3/8	0.375	9.52	0.030	0.762	5.8	0.375	9.52	0.032	0.813	15.0
1/2	0.500	12.70	0.035	0.889	5.8	0.500	12.70	0.032	0.813	15.0
5/8	0.625	15.88	0.040	1.02	5.8	0.625	15.88	0.035	0.889	15.0
3/4	0.750	19.1	0.042	1.07	5.8	0.750	19.10	0.035	0.889	15.0
7/8	0.875	22.3	0.045	1.14	5.8	0.875	22.3	0.045	1.14	15.0
1 1/8	1.125	28.6	0.050	1.27	5.8	1.125	28.6	0.050	1.27	15.0
1 3/8	1.375	34.9	0.055	1.40	5.8	1.375	34.90	0.055	1.40	15.0
1 5/8	1.625	41.3	0.060	1.52	5.8	1.625	41.3	0.060	1.52	15.0
2 1/8	2.125	54.0	0.070	1.78	5.8	-	-	-	-	-
3 1/8	3.125	79.4	0.090	2.29	5.8	-	-	-	-	-
3 5/8	3.625	92.1	0.100	2.54	5.8	-	-	-	-	-
4 1/8	4.125	105	0.110	2.79	5.8	-	-	-	-	-

JIS H3300 Size Chart

O.D. (mm)	W.D. (mm)																				
	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	1.0	1.2	1.5	2	2.5	3	3.5	4	4.5	5	6	8	10
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-
6.35	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-
8	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
9.52	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
12.7				0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
14					-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
15					-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
15.9					-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
16					0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
18						-	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-
19.1						0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-
20						-	-	-	0	0	0	-	-	-	-	-	-	-	-	-	-
22						-	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-
22.2						-	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
25						-	-	-	0	0	0	0	-	-	-	-	-	-	-	-	-
25.4						0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-
28						-	-	-	0	0	0	-	-	-	-	-	-	-	-	-	-
31.8						0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-
32						-	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-
35						-	-	-	0	0	0	-	-	-	-	-	-	-	-	-	-
38.1						0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
40									-	-	-	-	-	-	-	-	-	-	-	-	-
45												0	-	-	-	-	-	-	-	-	-
50												0	-	-	-	-	-	-	-	-	-
50.8												0	-	-	-	-	-	-	-	-	-
75																					
100																					
125																					
150																					
200																					
250																					

EN 12735 Size Chart

Nominal Outside Diameter			Straight Tubes (5.8 meters)							Coils (15.0 meters)						
Metric series	Imperial series		Nominal wall thickness (mm)							Nominal wall thickness (mm)						
mm	mm	in	0.8	1.0	1.25	1.5	1.65	2.0	2.5	0.8	1.0	1.25	1.5	1.65	2.0	2.5
	3.18	1/8								0.8						
	3.97	5/32								0.8	1.0					
	4.76	3/16								0.8						
6			0.8							0.8	1.0					
	6.35	1/4								0.8	1.0					
	7.94	5/16								0.8	1.0					
8			0.8							0.8	1.0					
	9.52	3/8								0.8	1.0					
10			0.8	1.0						0.8	1.0					
12				1.0							1.0					
	12.7	1/2		1.0						0.8	1.0					
15				1.0							1.0					
	15.88	5/8		1.0							1.0					
18				1.0							1.0					
	19.05	5/8			1.25						1.0					
22				1.0							1.0					
	22.23	7/8			1.25						1.0					
	25.4	1		1.0												
28						1.5										
	28.57	1 1/8		1.0	1.25											
	34.92	1 5/8			1.25											
35						1.5										
	41.27	1 5/8			1.25											
42						1.5										
	53.97	2 1/8			1.25		1.65									
54								2.0								
64								2.0								
	66.67	2 5/8			1.25		1.65	2.0								
76.1								2.0								
	79.37	3 1/8					1.65		2.5							
	88.90	3 1/2						2.0								
	92.07	3 5/8					1.65		2.5							
	104.80	4 1/8					1.65		2.5							
108									2.5							

***Note:** Fields in blue stand for available in straight lengths

Fields in green stand for available in coils