

Plumbing Copper Tube
**Yingtang Winland Metal-
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正直、诚信、务实

THE COMPANY

Yingtang Winland Metallurgy Co., Ltd.(hereinafter called Winland Metal) is a Chinese company based in Yingtang city, which well known as one of China’s important copper production bases.

We dedicate ourselves to offering high quality copper tubing and fittings products. Winland Metal entered the overseas market in 2017, our products has been suppling to countries like Vietnam, Malaysia, Singapore, Spain, Israel, India, Maldives and so on.

Our brands COPPERAGE & KOMBING aim to serve customers in different markets.



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ASTM B88

Seamless Copper Water Tube

Customized	Form	Winland Packing	End Cap	Marking	
Yes	Straight Length	5.8meters in length bundles in wooden case	As request	Ink	Trademark/Type

Size Chart (Part 1)

Nominal	Type	Imperial Unit			Metric Unit			Temper
		Outside Diameter	Wall Thickness	Theoretical Weight	Outside Diameter	Wall Thickness	Theoretical Weight	
1/4	K	3/8 inch	0.035 inch	0.145 lb/ft	9.53 mm	0.889 mm	0.216 kg/m	H58
	L	3/8 inch	0.030 inch	0.126 lb/ft	9.53 mm	0.762 mm	0.188 kg/m	H58
3/8	K	1/2 inch	0.049 inch	0.269 lb/ft	12.70 mm	1.245 mm	0.400 kg/m	H58
	L	1/2 inch	0.035 inch	0.198 lb/ft	12.70 mm	0.889 mm	0.295 kg/m	H58
	M	1/2 inch	0.025 inch	0.145 lb/ft	12.70 mm	0.635 mm	0.215 kg/m	H58
1/2	K	5/8 inch	0.049 inch	0.344 lb/ft	15.88 mm	1.245 mm	0.512 kg/m	H58
	L	5/8 inch	0.040 inch	0.285 lb/ft	15.88 mm	1.016 mm	0.424 kg/m	H58
	M	5/8 inch	0.028 inch	0.204 lb/ft	15.88 mm	0.711 mm	0.303 kg/m	H58
3/4	K	7/8 inch	0.065 inch	0.641 lb/ft	22.23 mm	1.651 mm	0.954 kg/m	H58
	L	7/8 inch	0.045 inch	0.455 lb/ft	22.23 mm	1.143 mm	0.677 kg/m	H58
	M	7/8 inch	0.032 inch	0.329 lb/ft	22.23 mm	0.813 mm	0.489 kg/m	H58
1	K	1-1/8 inch	0.065 inch	0.839 lb/ft	28.58 mm	1.651 mm	1.248 kg/m	H58
	L	1-1/8 inch	0.050 inch	0.654 lb/ft	28.58 mm	1.270 mm	0.974 kg/m	H58
	M	1-1/8 inch	0.035 inch	0.464 lb/ft	28.58 mm	0.889 mm	0.691 kg/m	H58
1-1/4	K	1-3/8 inch	0.065 inch	1.037 lb/ft	34.93 mm	1.651 mm	1.543 kg/m	H58
	L	1-3/8 inch	0.055 inch	0.884 lb/ft	34.93 mm	1.270 mm	1.315 kg/m	H58
	M	1-3/8 inch	0.042 inch	0.682 lb/ft	34.93 mm	1.067 mm	1.015 kg/m	H58
1-1/2	K	1-5/8 inch	0.072 inch	1.361 lb/ft	41.28 mm	1.829 mm	2.026 kg/m	H58
	L	1-5/8 inch	0.060 inch	1.143 lb/ft	41.28 mm	1.524 mm	1.701 kg/m	H58
	M	1-5/8 inch	0.049 inch	0.940 lb/ft	41.28 mm	1.245 mm	1.400 kg/m	H58
2	K	2-1/8 inch	0.083 inch	2.603 lb/ft	53.98 mm	2.108 mm	3.070 kg/m	H58
	L	2-1/8 inch	0.070 inch	1.751 lb/ft	53.98 mm	1.778 mm	2.606 kg/m	H58
	M	2-1/8 inch	0.058 inch	1.459 lb/ft	53.98 mm	1.473 mm	2.172 kg/m	H58
2-1/2	K	2-5/8 inch	0.095 inch	2.926 lb/ft	66.68 mm	2.413 mm	4.335 kg/m	H58
	L	2-5/8 inch	0.080 inch	2.479 lb/ft	66.68 mm	2.032 mm	3.689 kg/m	H58
	M	2-5/8 inch	0.065 inch	2.026 lb/ft	66.68 mm	1.651 mm	3.015 kg/m	H58
3	K	3-1/8 inch	0.109 inch	4.003 lb/ft	79.38 mm	2.769 mm	5.957 kg/m	H58
	L	3-1/8 inch	0.090 inch	3.325 lb/ft	79.38 mm	2.286 mm	4.949 kg/m	H58
	M	3-1/8 inch	0.072 inch	2.676 lb/ft	79.38 mm	1.829 mm	3.983 kg/m	H58
3-1/2	K	3-5/8 inch	0.120 inch	5.120 lb/ft	92.08 mm	3.048 mm	7.620 kg/m	H58
	L	3-5/8 inch	0.100 inch	4.291 lb/ft	92.08 mm	2.540 mm	6.386 kg/m	H58
	M	3-5/8 inch	0.083 inch	3.579 lb/ft	92.08 mm	2.108 mm	5.326 kg/m	H58

ASTM B88

Seamless Copper Water Tube

Size Chart (Part 2)

Nominal	Type	Imperial Unit			Metric Unit			Temper
		Outside Diameter	Wall Thickness	Theoretical Weight	Outside Diameter	Wall Thickness	Theoretical Weight	
4	K	4-1/8 inch	0.134 inch	6.511 lb/ft	104.78 mm	3.404 mm	9.690 kg/m	H58
	L	4-1/8 inch	0.110 inch	5.377 lb/ft	104.78 mm	2.794 mm	8.001 kg/m	H58
	M	4-1/8 inch	0.095 inch	4.661 lb/ft	104.78 mm	2.413 mm	6.936 kg/m	H58
5	K	5-1/8 inch	0.160 inch	9.671 lb/ft	130.18 mm	4.064 mm	14.392 kg/m	H58
	L	5-1/8 inch	0.125 inch	7.609 lb/ft	130.18 mm	3.175 mm	11.323 kg/m	H58
	M	5-1/8 inch	0.109 inch	6.657 lb/ft	130.18 mm	2.769 mm	9.907 kg/m	H58
6	K	6-1/8 inch	0.192 inch	13.868 lb/ft	155.58 mm	4.877 mm	20.638 kg/m	H58
	L	6-1/8 inch	0.140 inch	10.200 lb/ft	155.58 mm	3.556 mm	15.180 kg/m	H58
	M	6-1/8 inch	0.122 inch	8.916 lb/ft	155.58 mm	3.099 mm	13.269 kg/m	H58
8	K	8-1/8 inch	0.271 inch	25.909 lb/ft	206.38 mm	6.883 mm	38.558 kg/m	H58
	L	8-1/8 inch	0.200 inch	19.295 lb/ft	206.38 mm	5.080 mm	28.715 kg/m	H58
	M	8-1/8 inch	0.170 inch	16.463 lb/ft	206.38 mm	4.318 mm	24.500 kg/m	H58
10	K	10-1/8 inch	0.338 inch	40.269 lb/ft	257.18 mm	8.585 mm	59.928 kg/m	H58
	L	10-1/8 inch	0.250 inch	30.053 lb/ft	257.18 mm	6.350 mm	44.725 kg/m	H58
	M	10-1/8 inch	0.212 inch	25.584 lb/ft	257.18 mm	5.385 mm	38.074 kg/m	H58
12	K	12-1/8 inch	0.405 inch	57.783 lb/ft	307.98 mm	10.289 mm	85.991 kg/m	H58
	L	12-1/8 inch	0.280 inch	40.374 lb/ft	307.98 mm	7.112 mm	60.085 kg/m	H58
	M	12-1/8 inch	0.254 inch	36.708 lb/ft	307.98 mm	6.452 mm	54.628 kg/m	H58

ASTM B306

Seamless Copper Drainage tube (DWV)

Size Chart

Nominal	Imperial Unit			Metric Unit			Temper
	Outside Diameter	Wall Thickness	Theoretical Weight	Outside Diameter	Wall Thickness	Theoretical Weight	
1-1/4	1-3/8 inch	0.040 inch	0.650 lb/ft	34.93 mm	1.02 mm	0.967 kg/m	H58
1-1/2	1-5/8 inch	0.042 inch	0.808 lb/ft	41.28 mm	1.07 mm	1.203 kg/m	H58
2	2-1/8 inch	0.042 inch	1.064 lb/ft	53.98 mm	1.07 mm	1.583 kg/m	H58
3	3-1/8 inch	0.045 inch	1.676 lb/ft	79.38 mm	1.14 mm	2.494 kg/m	H58
4	4-1/8 inch	0.058 inch	2.853 lb/ft	104.78 mm	1.47 mm	4.246 kg/m	H58
5	5-1/8 inch	0.072 inch	4.413 lb/ft	130.18 mm	1.83 mm	6.567 kg/m	H58
6	6-1/8 inch	0.083 inch	6.084 lb/ft	155.58 mm	2.11 mm	9.054 kg/m	H58
8	8-1/8 inch	0.109 inch	10.597 lb/ft	206.38 mm	2.77 mm	15.769 kg/m	H58

BS EN 1057

Seamless, round copper tubes for water and gas in sanitary and heating application

Customized	Form	Winland Packing	End Cap	Marking	
Yes	Straight	5.8meters in length bundles in wooden case	Optional	Ink	OD X WT (or as request)

Size Chart

Outside Diameter	Temper Quality	Wall Thickness	Theoretical Weight	
			Imperial	Metric
6mm	R290	0.6mm	0.061 lb/ft	0.091 kg/m
6mm	R290	0.8mm	0.078 lb/ft	0.116 kg/m
6mm	R290	1.0mm	0.094 lb/ft	0.140 kg/m
8mm	R290	0.6mm	0.083 lb/ft	0.124 kg/m
8mm	R290	0.8mm	0.108 lb/ft	0.161 kg/m
8mm	R290	1.0mm	0.132 lb/ft	0.196 kg/m
10mm	R290	0.6mm	0.106 lb/ft	0.158 kg/m
10mm	R290	0.7mm	0.122 lb/ft	0.182 kg/m
10mm	R290	0.8mm	0.138 lb/ft	0.206 kg/m
10mm	R290	1.0mm	0.169 lb/ft	0.252 kg/m
12mm	R290	0.6mm	0.129 lb/ft	0.191 kg/m
12mm	R290	0.7mm	0.149 lb/ft	0.221 kg/m
12mm	R290	0.8mm	0.168 lb/ft	0.251 kg/m
12mm	R290	1.0mm	0.207 lb/ft	0.308 kg/m
14mm	R290	0.8mm	0.198 lb/ft	0.295 kg/m
14mm	R290	1.0mm	0.244 lb/ft	0.363 kg/m
15mm	R290	0.7mm	0.188 lb/ft	0.280 kg/m
15mm	R290	0.8mm	0.213 lb/ft	0.318 kg/m
15mm	R290	1.0mm	0.263 lb/ft	0.391 kg/m
16mm	R290	1.0mm	0.282 lb/ft	0.419 kg/m
18mm	R290	0.8mm	0.259 lb/ft	0.385 kg/m
18mm	R290	1.0mm	0.319 lb/ft	0.475 kg/m
22mm	R290	0.9mm	0.357 lb/ft	0.531 kg/m
22mm	R290	1.0mm	0.395 lb/ft	0.587 kg/m
22mm	R290	1.1mm	0.432 lb/ft	0.643 kg/m
22mm	R290	1.2mm	0.469 lb/ft	0.698 kg/m
22mm	R290	1.5mm	0.578 lb/ft	0.860 kg/m

Outside Diameter	Temper Quality	Wall Thickness	Theoretical Weight	
			Imperial	Metric
28mm	R290	0.9mm	0.458 lb/ft	0.682 kg/m
28mm	R290	1.0mm	0.507 lb/ft	0.755 kg/m
28mm	R290	1.2mm	0.604 lb/ft	0.899 kg/m
28mm	R290	1.5mm	0.747 lb/ft	1.111 kg/m
35mm	R290	1.0mm	0.639 lb/ft	0.951 kg/m
35mm	R290	1.2mm	0.762 lb/ft	1.134 kg/m
35mm	R290	1.5mm	0.944 lb/ft	1.405 kg/m
40mm	R290	1.0mm	0.733 lb/ft	1.090 kg/m
42mm	R290	1.0mm	0.770 lb/ft	1.146 kg/m
42mm	R290	1.2mm	0.920 lb/ft	1.369 kg/m
42mm	R290	1.5mm	1.141 lb/ft	1.699 kg/m
54mm	R290	1.0mm	0.996 lb/ft	1.482 kg/m
54mm	R290	1.2mm	1.190 lb/ft	1.772 kg/m
54mm	R290	1.5mm	1.480 lb/ft	2.202 kg/m
54mm	R290	2.0mm	1.954 lb/ft	2.908 kg/m
64mm	R290	2.0mm	2.330 lb/ft	3.467 kg/m
66.7mm	R290	1.2mm	1.477 lb/ft	2.198 kg/m
66.7mm	R290	2.0mm	2.431 lb/ft	3.618 kg/m
76.1mm	R290	1.5mm	2.102 lb/ft	3.129 kg/m
76.1mm	R290	2.0mm	2.784 lb/ft	4.144 kg/m
88.9mm	R290	2.0mm	3.265 lb/ft	4.859 kg/m
108mm	R290	1.5mm	3.001 lb/ft	4.467 kg/m
108mm	R290	2.5mm	4.955 lb/ft	7.374 kg/m
133mm	R290	1.5mm	3.706 lb/ft	5.515 kg/m
133mm	R290	2.0mm	4.923 lb/ft	7.326 kg/m
133mm	R290	2.5mm	6.130 lb/ft	9.122 kg/m
133mm	R290	3.0mm	7.327 lb/ft	10.904 kg/m
159mm	R290	1.5mm	4.439 lb/ft	6.606 kg/m
159mm	R290	2.0mm	5.900 lb/ft	8.779 kg/m
159mm	R290	2.5mm	7.351 lb/ft	10.939 kg/m
159mm	R290	3.0mm	8.739 lb/ft	13.085 kg/m
219mm	R290	3.0mm	12.175 lb/ft	18.118 kg/m
267mm	R290	3.0mm	14.880 lb/ft	22.144 kg/m

JIS H3300

Copper and copper alloy seamless pipes and tubes

Acceptable W.T.

O.D. (mm)	Wall Thickness (mm)																			
	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	Temper	
4.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20									O	
5.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20									O	
6.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20									H	
6.35	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20									H	
8.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
9.52	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
10.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
12.0	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
12.7				0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
14					0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
15					0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
15.88					0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00							H	
16					0.50	0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50						H	
18						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50						H	
19.05						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50						H	
20.0						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50						H	
22.0						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50						H	
22.22						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
25.0						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
25.4						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
28.58						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
31.8						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
32.0						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
34.92						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
38.1						0.60	0.70	0.80	1.00	1.20	1.50	2.00	2.50	3.00					H	
41.28								0.80	1.00	1.20	1.50	2.00	2.50	3.00	3.50	4.00			H	
45.0										1.20	1.50	2.00	2.50	3.00	3.50	4.00			H	
50.0										1.20	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	H	
53.98										1.20	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	H	
66.68										1.20	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	H	
79.38												2.00	2.50	3.00	3.50	4.00	4.50	5.00	H	
104.78														3.00	3.50	4.00	4.50	5.00	H	
130.18														3.00	3.50	4.00	4.50	5.00	H	
155.58															3.50	4.00	4.50	5.00	H	
200.0																		5.00	H	
250.0																		5.00	H	