

PANCAKE COILS

Copper Tube for Air-condition and Refrigeration Fields

Pancake Coil —ASTM B280-99/AS 1571

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm	Length m
3/16	Soft	4.75	0.76	8—50
1/4		6.35	0.76	
5/16		7.94	0.81	
3/8		9.52	0.81	
1/2		12.7	0.81	8-50
5/8		15.88	0.889	
3/4		19.05	0.889	
3/4		19.05	1.07	
7/8	22.23	1.14		

Copper tube for drinking water, solar, fuel oil and fire protection fields

Pancake Coil — ASTM B88-99/AS1432 soft

Note: the same outside diameter with different wall thickness also available.

Nominal size inch	Outside diameter mm	Wall thickness mm			Length m
		K	L	M	
1/4	9.52	0.889	0.762		8-50
3/8	12.7	1.245	0.889	0.635	8-50
1/2	15.875	1.245	1.016	0.711	
5/8	19.05	1.245	1.067		
3/4	22.225	1.651	1.143	0.813	

General purpose Copper tube

Pancake Coil —ASTM B75-99

Note: the same outside diameter with different wall thickness also available.

Standard Size inch	temper	Outside diameter mm	Wall thickness mm	Length m

3/16	soft	4.76	0.36-1.0	8-50
1/4		6.35	0.36-1.0	
5/16		7.94	0.36-1.0	
3/8		9.52	0.41-1.2	
1/2		12.7	0.41-1.5	
5/8		15.88	0.53-1.5	8-50
3/4		19.05	0.53-1.5	
7/8		22.23	0.53-1.5	

Copper tube for Nature Gas and Liquefied Petroleum Gas Fuel Distribution

Pancake Coil —ASTM B837-95

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm	Length m
3/8	O60	9.52	0.76	8-50
1/2		12.7	0.889	
5/8		15.88	1.02	8-50
3/4		19.05	1.07	
7/8		22.23	1.14	

STRAIGHT COPPER TUBE

Copper Tube for Air-condition and Refrigeration Fields

Straight Lengths —ASTM B280-99/AS 1432/AS1571/EN12735

Note: the same outside diameter with different wall thickness also available.

Standard Size inch	temper	Outside diameter mm	Wall thickness mm
3/8	H58 O60	9.52	0.76
1/2		12.7	0.889
5/8		15.88	1.02
3/4		19.05	1.07
7/8		22.23	1.14
1 1/8		28.58	1.27
1 3/8		34.93	1.40

1 5/8		41.28	1.52
2 1/8		54.0	1.78
2 5/8		66.7	2.03
3 1/8		79.4	2.29
3 5/8		92.1	2.54
4 1/8		105	2.79

Straight Lengths — ASTM B88-99

Note: the same outside diameter with different wall thickness also available.

Nominal size inch	Outside diameter mm	Wall thickness mm		
		K	L	M
1/4	9.52	0.889	0.762	
3/8	12.7	1.245	0.889	0.635
1/2	15.875	1.245	1.016	0.711
5/8	19.05	1.245	1.067	
3/4	22.225	1.651	1.143	0.813
1	28.575	1.651	1.270	0.889
1 1/4	34.925	1.651	1.397	1.067
1 1/2	41.275	1.829	1.524	1.245
2	53.975	2.108	1.778	1.473
2 1/2	66.68	2.413	2.032	1.651
3	79.38	2.769	2.286	1.829
3 1/2	92.08	3.048	2.540	2.108
4	104.78	3.404	2.794	2.413

General purpose Copper tube

Straight Lengths — ASTM B75-99

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm
3/16	H55 H58 H80 O60 O50	4.76	0.3-1.0
1/4		6.35	0.3-1.5
5/16		7.94	0.3-1.5
3/8		9.52	0.3-2.0
1/2		12.7	0.35-3.0

5/8		15.88	0.35-3.0
3/4		19.05	0.35-3.0
7/8		22.23	0.45-3.0
1 1/8		28.58	0.45-3.0
1 1/4		31.75	0.55-3.0
1 1/2		38.1	0.6-3.0
1 5/8		41.28	0.6-2.5
1 3/4		44.45	0.6-2.5
2		50.80	1.5-3.0
2 1/8		53.98	1.5-3.0
2 5/8		66.7	1.5-3.0
3 1/8		79.4	1.5-3.0
3 5/8		92.1	1.5-3.0
4 1/8		105	1.5-3.0

Copper tube for refrigeration, oil gasoline lines

Straight Lengths —ASTM B68-99

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm
3/16	H55 H58 H80 O60 O50	4.76	0.3-1.0
1/4		6.35	0.3-1.5
5/16		7.94	0.3-1.5
3/8		9.52	0.3-2.0
1/2		12.7	0.35-3.0
5/8		15.88	0.35-3.0
3/4		19.05	0.35-3.0
7/8		22.23	0.45-3.0
1 1/8		28.58	0.45-3.0
1 1/4		31.75	0.55-3.0
1 1/2		38.1	0.6-3.0
1 5/8		41.28	0.6-2.5
1 3/4		44.45	0.6-2.5
2		50.80	1.5-3.0
2 1/8		53.98	1.5-3.0
2 5/8		66.7	1.5-3.0
3 1/8	79.4	1.5-3.0	

3 5/8		92.1	1.5-3.0
4 1/8		105	1.5-3.0

**Copper tube for Nature Gas and Liquified Petroleum Gas Fuel
Distribution Straight Lengths —ASTM B837-95**

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm
3/8	H58	9.52	0.76
1/2		12.7	0.889
5/8		15.88	1.02
3/4		19.05	1.07
7/8		22.23	1.14
1 1/8		28.58	1.27

DWV Copper Tubes

Straight lengths—ASTM B306-99

Nominal size inch	Outside diameter mm	Wall thickness mm
1 1/4	34.925	1.016
1 1/2	41.275	1.067
2	53.975	1.067
3	79.38	1.143
4	104.78	1.473

Copper tube for Water, Gas and Sanitation Service

Straight Lengths —EN 1057-1996

Note: the same outside diameter with different wall thickness also available.

Outside diameter mm	Wall thickness mm	
	R250	R290
15	0.7	1.0
22	0.9	1.2
28	0.9	1.2
35	1.2	1.5
42	1.2	1.5

54		1.2	2.0
66.7		1.2	2.0
76.1		1.5	2.0
108		1.5	2.5

*R250 – HALF HARD

R290 – HARD DR

LWC COPPER TUBE

Level wound coil —ASTM B280-99

Note: the same outside diameter with different wall thickness also available.

Standard size inch	temper	Outside diameter mm	Wall thickness mm	Length
3/16	Soft	4.75	0.76	LWC
1/4		6.35	0.76	
5/16		7.94	0.81	
3/8		9.52	0.81	
1/2		12.7	0.81	
5/8		15.88	0.889	
3/4		19.05	0.889	
3/4		19.05	1.07	
7/8		22.23	1.14	
1 1/8		28.58	1.27	
1 3/8		34.93	1.40	

The weight of LWC is 30-50 kg per roll (coil)

Copper tube for drinking water, solar, fuel oil and fire protection fields

Copper Tube for Air-condition and Refrigeration Fields AS 1571

INSULATION COPPER TUBE

1、the twin tubes

Standard size inch	Temper	Outside diameter Wall thickness mm	Length M
1/4 X 3/8		6.35 X 0.8 9.52 X 0.8	

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1 / 4 X 1 / 2	Soft	6.35 X 0.8 12.7 X 0.8	5-30
1 / 4 X 5 / 8		6.35 X 0.8 15.88 X 1.0	
3 / 8 X 1 / 2		9.52 X 0.8 12.7 X 0.8	
3 / 8 X 3 / 4		9.52 X 0.8 19.05 X 1.22	
1 / 2 X 5 / 8		12.7 X 0.8 15.88 X 1.0	

2、 the single tubes

Standard size inch	temper	Wall thickness mm	Length M
1/4	Soft	0.8	5-30
3/8		0.8	
1/2		0.8	
5/8		1.0	
7/8		1.22	

PE-Coated copper tube

O.D. (mm)	O.D. of Insulator		Thickness of Insulator	
	Parallel loop	Gear-Shaped loop	Parallel loop	Gear-Shaped loop
6	8.2	8.6	1.1	1.3
8	10.2	10.6	1.1	1.3
10	12.2	12.6	1.1	1.3
12	14.2	14.6	1.1	1.3
15	17.6	18.6	1.3	1.8
18	20.6	21.6	1.3	1.8
22	24.6	25.6	1.3	1.8
28	30.6	31.6	1.3	1.8
35	38.6	40	1.8	2.5