

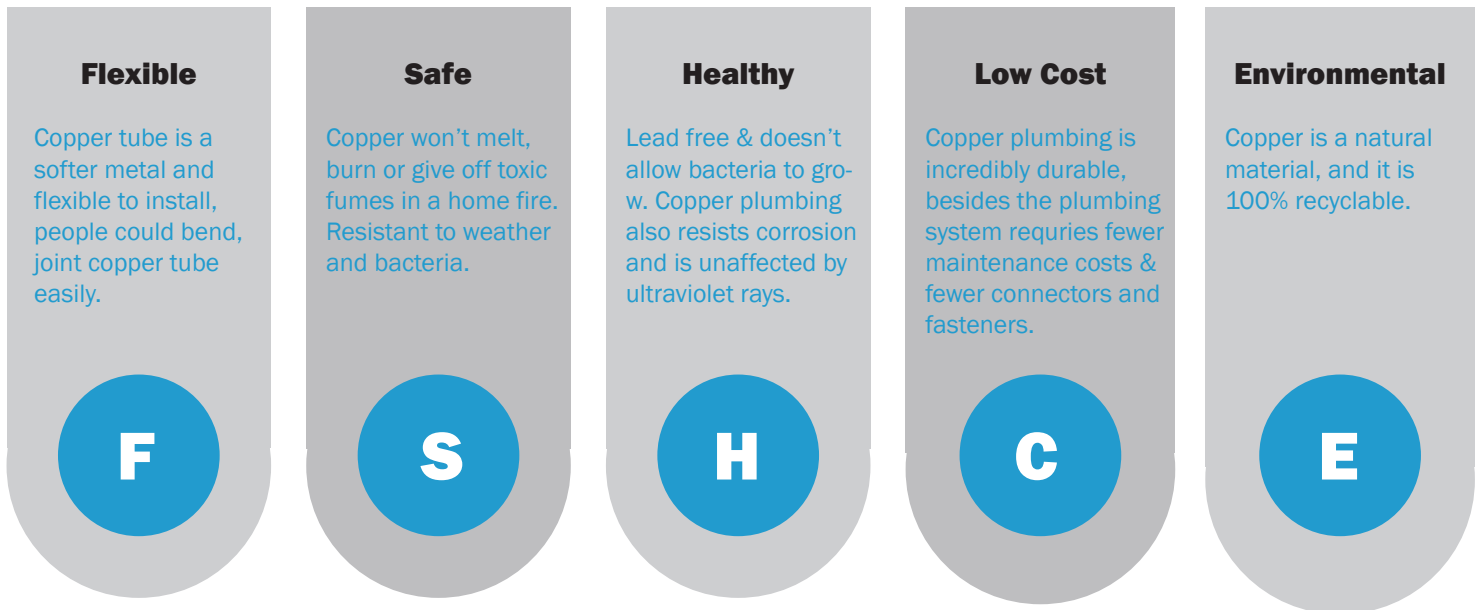


Yingtian Winland Metallurgy Co., Ltd.
www.winlandmetal.com
www.winlandtrading.com
+86 0701 623 0076

WINLAND
鹰潭韵澜金属有限责任公司

Seamless Copper Tube Catalog
PLMUBING

Copper & Plumbing



Copper is a very popular material for plumbing systems, human beings have a very long history to apply copper in plumbing. Compared with galvanized steel or CPVC pipes, copper has many advantages, that make it favorable.

Winland supplies a wide range of copper tubes for plumbing use, the products are strictly comply with standards like ASTM B88, ASTM B306, JIS H3300, BS EN1057.

Why Winland?

Recognized as a reliable copper products supplier in China, Winland has rich experience to provide quality products & service to customers in China and overseas countries.

Winland's portfolio of copper tube products covers all temper quality like annealed, half annealed and hard drawn copper tube.

Customers have a vast choices of size & specification, because Winland also accept customized sizes and shapes.

Winland cherish its reputation on quality, on time delivery and service, you are very welcome to contact us for further cooperation.

Contact Us

info@winlandtrading.com

info@winlandmetal.com

+86 0701 623 0076

Yingtian Winland Metallurgy Co., Ltd.

#10, Chuangjing Rd., Yuehu, Yingtian city,

Jiangxi, China 335000

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ASTM B88 Type K Copper Tube

Type	Item #	Outside Diameter			Wall Thickness		Theoretical Weight		Temper	Safe Working Pressure at Service Temperature	
		Inch		mm	Inch	mm	kg/m	lb/ft		66°C kPa	150°F psi
		Nominal	Actual								
Straight Copper Pipe	B88K10ZG	1/4	3/8	9.53	0.035	0.889	0.216	0.145	H58	12755	1850
	B88K13ZG	3/8	1/2	12.70	0.049	1.245	0.400	0.269	H58	13417	1946
	B88K16ZG	1/2	5/8	15.88	0.049	1.245	0.512	0.344	H58	10577	1534
	B88K19ZG	5/8	3/4	19.05	0.049	1.245	0.622	0.418	H58	8729	1266
	B88K22ZG	3/4	7/8	22.23	0.065	1.651	0.954	0.641	H58	10108	1466
	B88K29ZG	1	1 1/8	28.58	0.065	1.651	1.248	0.839	H58	7763	1126
	B88K35ZG	1 1/4	1 3/8	34.93	0.065	1.651	1.543	1.037	H58	6302	914
	B88K41ZG	1 1/2	1 5/8	41.28	0.072	1.829	2.026	1.361	H58	5861	850
	B88K54ZG	2	2 1/8	53.98	0.083	2.108	3.070	2.063	H58	5150	747
	B88K67ZG	2 1/2	2 5/8	66.68	0.095	2.413	4.355	2.926	H58	4716	684
	B88K79ZG	3	3 1/8	79.38	0.109	2.769	5.957	4.003	H58	4564	662
	B88K92ZG	3 1/2	3 5/8	92.08	0.120	3.048	7.620	5.120	H58	4330	628
	B88K105ZG	4	4 1/8	104.78	0.134	3.404	9.690	6.511	H58	4261	618
	B88K130ZG	5	5 1/8	130.18	0.160	4.064	14.392	9.671	H58	4082	592
	B88K156ZG	6	6 1/8	155.58	0.192	4.877	20.638	13.868	H58	4102	595
	B88K206ZG	8	8 1/8	206.38	0.271	6.883	38.558	25.909	H58	4371	634
B88K257ZG	10	10 1/8	257.18	0.338	8.585	59.928	40.269	H58	4371	634	
B88K308ZG	12	12 1/8	307.98	0.405	10.289	85.991	57.783	H58	4378	635	
LWC	B88K10DP	1/4	3/8	9.53	0.035	0.889	0.216	0.145	O60	6295	913
	B88K13DP	3/8	1/2	12.70	0.049	1.245	0.400	0.269	O60	6619	960
	B88K16DP	1/2	5/8	15.88	0.049	1.245	0.512	0.344	O60	5226	758
	B88K19DP	5/8	3/4	19.05	0.049	1.245	0.622	0.418	O60	4316	626
	B88K22DP	3/4	7/8	22.23	0.065	1.651	0.954	0.641	O60	4992	724
	B88K29DP	1	1 1/8	28.58	0.065	1.651	1.248	0.839	O60	3840	557
Copper Pancake Coil	B88K10WXP	1/4	3/8	9.53	0.035	0.889	0.216	0.145	O60	6295	913
	B88K13WXP	3/8	1/2	12.70	0.049	1.245	0.400	0.269	O60	6619	960
	B88K16WXP	1/2	5/8	15.88	0.049	1.245	0.512	0.344	O60	5226	758
	B88K19WXP	5/8	3/4	19.05	0.049	1.245	0.622	0.418	O60	4316	626
	B88K22WXP	3/4	7/8	22.23	0.065	1.651	0.954	0.641	O60	4992	724
	B88K29WXP	1	1 1/8	28.58	0.065	1.651	1.248	0.839	O60	3840	557

ASTM B88 Type L Copper Tube

Type	Item #	Outside Diameter		Wall Thickness		Theoretical Weight		Temper	Safe Working Pressure at Service Temperature		
		Inch		mm	Inch	mm	kg/m		lb/ft	66°C	150°F
		Nominal	Actual							kPa	psi
Straight Copper Pipe	B88L10ZG	1/4	3/8	9.53	0.030	0.762	0.188	0.126	H58	10818	1569
	B88L13ZG	3/8	1/2	12.70	0.035	0.889	0.295	0.198	H58	9246	1341
	B88L16ZG	1/2	5/8	15.88	0.040	1.016	0.424	0.285	H58	8563	1242
	B88L19ZG	5/8	3/4	19.05	0.042	1.067	0.539	0.362	H58	7488	1086
	B88L22ZG	3/4	7/8	22.23	0.045	1.143	0.677	0.455	H58	6909	1002
	B88L29ZG	1	1 1/8	28.58	0.050	1.270	0.974	0.654	H58	5861	850
	B88L35ZG	1 1/4	1 3/8	34.93	0.055	1.397	1.315	0.884	H58	5206	755
	B88L41ZG	1 1/2	1 5/8	41.28	0.060	1.524	1.701	1.143	H58	4840	702
	B88L54ZG	2	2 1/8	53.98	0.070	1.778	2.606	1.751	H58	4309	625
	B88L67ZG	2 1/2	2 5/8	66.68	0.080	2.032	3.689	2.479	H58	3978	577
	B88L79ZG	3	3 1/8	79.38	0.090	2.286	4.949	3.325	H58	3758	545
	B88L92ZG	3 1/2	3 5/8	92.08	0.100	2.540	6.386	4.291	H58	3599	522
	B88L105ZG	4	4 1/8	104.78	0.110	2.794	8.001	5.377	H58	3475	504
	B88L130ZG	5	5 1/8	130.18	0.125	3.175	11.323	7.609	H58	3185	462
	B88L156ZG	6	6 1/8	155.58	0.140	3.556	15.180	10.200	H58	2972	431
	B88L206ZG	8	8 1/8	206.38	0.200	5.080	28.715	19.295	H58	3199	464
B88L257ZG	10	10 1/8	257.18	0.250	6.350	44.725	30.053	H58	3213	466	
B88L308ZG	12	12 1/8	307.98	0.280	7.112	60.085	40.374	H58	2999	435	
LWC	B88L10DP	1/4	3/8	9.53	0.030	0.762	0.188	0.126	O60	5343	775
	B88L13DP	3/8	1/2	12.70	0.035	0.889	0.295	0.198	O60	4564	662
	B88L16DP	1/2	5/8	15.88	0.040	1.016	0.424	0.285	O60	4226	613
	B88L19DP	5/8	3/4	19.05	0.042	1.067	0.539	0.362	O60	3702	537
	B88L22DP	3/4	7/8	22.23	0.045	1.143	0.677	0.455	O60	3413	495
	B88L29DP	1	1 1/8	28.58	0.050	1.270	0.974	0.654	O60	2896	420
Copper Pancake Coil	B88L10WXP	1/4	3/8	9.53	0.030	0.762	0.188	0.126	O60	5343	775
	B88L13WXP	3/8	1/2	12.70	0.035	0.889	0.295	0.198	O60	4564	662
	B88L16WXP	1/2	5/8	15.88	0.040	1.016	0.424	0.285	O60	4226	613
	B88L19WXP	5/8	3/4	19.05	0.042	1.067	0.539	0.362	O60	3702	537
	B88L22WXP	3/4	7/8	22.23	0.045	1.143	0.677	0.455	O60	3413	495
	B88L29WXP	1	1 1/8	28.58	0.050	1.270	0.974	0.654	O60	2896	420

ASTM B88 Type M Copper Tube

Type	Item #	Outside Diameter		Wall Thickness		Theoretical Weight		Temper	Safe Working Pressure at Service Temperature		
		Inch		mm	Inch	mm	kg/m		lb/ft	66°C	150°F
		Nominal	Actual							kPa	psi
Straight Copper Pipe	B88M13ZG	3/8	1/2	12.70	0.025	0.635	0.215	0.145	H58	6771	982
	B88M16ZG	1/2	5/8	15.88	0.028	0.711	0.303	0.204	H58	5861	850
	B88M22ZG	3/4	7/8	22.23	0.032	0.813	0.489	0.329	H58	4833	701
	B88M29ZG	1	1 1/8	28.58	0.035	0.889	0.691	0.464	H58	3999	580
	B88M35ZG	1 1/4	1 3/8	34.93	0.042	1.067	1.015	0.682	H58	4013	582
	B88M41ZG	1 1/2	1 5/8	41.28	0.049	1.245	1.400	0.940	H58	3923	569
	B88M54ZG	2	2 1/8	53.98	0.058	1.473	2.172	1.459	H58	3544	514
	B88M67ZG	2 1/2	2 5/8	66.68	0.065	1.651	3.015	2.026	H58	3247	471
	B88M79ZG	3	3 1/8	79.38	0.072	1.829	3.983	2.676	H58	2999	435
	B88M92ZG	3 1/2	3 5/8	92.08	0.083	2.108	5.326	3.579	H58	2985	433
	B88M105ZG	4	4 1/8	104.78	0.095	2.413	6.936	4.661	H58	2972	431
	B88M130ZG	5	5 1/8	130.18	0.109	2.769	9.907	6.657	H58	2758	400
	B88M156ZG	6	6 1/8	155.58	0.122	3.099	13.269	8.916	H58	2586	375
	B88M206ZG	8	8 1/8	206.38	0.170	4.318	24.500	16.463	H58	2717	394
	B88M257ZG	10	10 1/8	257.18	0.212	5.385	38.074	25.584	H58	2717	394
	B88M308ZG	12	12 1/8	307.98	0.254	6.452	54.628	36.708	H58	2723	395
LWC	B88M13DP	3/8	1/2	12.70	0.025	0.635	0.215	0.145	O60	3344	485
	B88M16DP	1/2	5/8	15.88	0.028	0.711	0.303	0.204	O60	2896	420
	B88M22DP	3/4	7/8	22.23	0.032	0.813	0.489	0.329	O60	2386	346
	B88M29DP	1	1 1/8	28.58	0.035	0.889	0.691	0.464	O60	1972	286
Copper Pancake Coil	B88M13WXP	3/8	1/2	12.70	0.025	0.635	0.215	0.145	O60	3344	485
	B88M16WXP	1/2	5/8	15.88	0.028	0.711	0.303	0.204	O60	2896	420
	B88M22WXP	3/4	7/8	22.23	0.032	0.813	0.489	0.329	O60	2386	346
	B88M29WXP	1	1 1/8	28.58	0.035	0.889	0.691	0.464	O60	1972	286

BS EN1057 Straight Copper Tube (Hard)

Product Type	Item #	Outside Diameter	Wall Thickness	Theoretical Weight		Temper	Maximum Working Pressure [bar] at 65°
		mm	mm	kg/m	lb/ft		
Straight Copper Pipe	EN1057ZG6AYT	6	0.6	0.091	0.061	R290	154
Straight Copper Pipe	EN1057ZG6BYT	6	0.8	0.116	0.078	R290	212
Straight Copper Pipe	EN1057ZG6CYT	6	1	0.140	0.094	R290	273
Straight Copper Pipe	EN1057ZG8AYT	8	0.6	0.124	0.083	R290	113
Straight Copper Pipe	EN1057ZG8BYT	8	0.8	0.161	0.108	R290	154
Straight Copper Pipe	EN1057ZG8CYT	8	1	0.196	0.132	R290	197
Straight Copper Pipe	EN1057ZG10AYT	10	0.6	0.158	0.106	R290	90
Straight Copper Pipe	EN1057ZG10BYT	10	0.7	0.182	0.122	R290	105
Straight Copper Pipe	EN1057ZG10CYT	10	0.8	0.206	0.138	R290	121
Straight Copper Pipe	EN1057ZG10DYT	10	1	0.252	0.169	R290	154
Straight Copper Pipe	EN1057ZG12AYT	12	0.6	0.191	0.129	R290	74
Straight Copper Pipe	EN1057ZG12BYT	12	0.7	0.221	0.149	R290	87
Straight Copper Pipe	EN1057ZG12CYT	12	0.8	0.251	0.168	R290	100
Straight Copper Pipe	EN1057ZG12DYT	12	1	0.308	0.207	R290	127
Straight Copper Pipe	EN1057ZG14AYT	14	0.8	0.295	0.198	R290	85
Straight Copper Pipe	EN1057ZG14BYT	14	1	0.363	0.244	R290	108
Straight Copper Pipe	EN1057ZG15AYT	15	0.7	0.280	0.188	R290	69
Straight Copper Pipe	EN1057ZG15BYT	15	0.8	0.318	0.213	R290	79
Straight Copper Pipe	EN1057ZG15CYT	15	1	0.391	0.263	R290	100
Straight Copper Pipe	EN1057ZG16AYT	16	1	0.419	0.282	R290	93
Straight Copper Pipe	EN1057ZG18AYT	18	0.8	0.385	0.259	R290	65
Straight Copper Pipe	EN1057ZG18BYT	18	1	0.475	0.319	R290	83
Straight Copper Pipe	EN1057ZG22AYT	22	0.9	0.531	0.357	R290	60
Straight Copper Pipe	EN1057ZG22BYT	22	1	0.587	0.395	R290	67
Straight Copper Pipe	EN1057ZG22CYT	22	1.1	0.643	0.432	R290	74
Straight Copper Pipe	EN1057ZG22DYT	22	1.2	0.698	0.469	R290	81
Straight Copper Pipe	EN1057ZG22EYT	22	1.5	0.860	0.578	R290	102
Straight Copper Pipe	EN1057ZG28AYT	28	0.9	0.682	0.458	R290	47
Straight Copper Pipe	EN1057ZG28BYT	28	1	0.755	0.507	R290	52
Straight Copper Pipe	EN1057ZG28CYT	28	1.2	0.899	0.604	R290	63
Straight Copper Pipe	EN1057ZG28DYT	28	1.5	1.111	0.747	R290	79
Straight Copper Pipe	EN1057ZG35AYT	35	1	0.951	0.639	R290	42
Straight Copper Pipe	EN1057ZG35BYT	35	1.2	1.134	0.762	R290	50
Straight Copper Pipe	EN1057ZG35CYT	35	1.5	1.405	0.944	R290	63
Straight Copper Pipe	EN1057ZG40AYT	40	1	1.090	0.733	R290	36
Straight Copper Pipe	EN1057ZG42AYT	42	1	1.146	0.770	R290	34
Straight Copper Pipe	EN1057ZG42BYT	42	1.2	1.369	0.920	R290	42
Straight Copper Pipe	EN1057ZG42CYT	42	1.5	1.699	1.141	R290	52
Straight Copper Pipe	EN1057ZG54AYT	54	1	1.482	0.996	R290	27
Straight Copper Pipe	EN1057ZG54BYT	54	1.2	1.772	1.190	R290	32
Straight Copper Pipe	EN1057ZG54CYT	54	1.5	2.202	1.480	R290	40
Straight Copper Pipe	EN1057ZG54DYT	54	2	2.908	1.954	R290	54
Straight Copper Pipe	EN1057ZG64AYT	64	2	3.467	2.330	R290	46
Straight Copper Pipe	EN1057ZG67AYT	66.7	1.2	2.198	1.477	R290	26
Straight Copper Pipe	EN1057ZG67BYT	66.7	2	3.618	2.431	R290	44
Straight Copper Pipe	EN1057ZG76AYT	76.1	1.5	3.129	2.102	R290	28
Straight Copper Pipe	EN1057ZG76BYT	76.1	2	4.144	2.784	R290	38
Straight Copper Pipe	EN1057ZG89AYT	88.9	2	4.859	3.265	R290	33
Straight Copper Pipe	EN1057ZG108AYT	108	1.5	4.467	3.001	R290	20
Straight Copper Pipe	EN1057ZG108BYT	108	2.5	7.374	4.955	R290	33
Straight Copper Pipe	EN1057ZG133AYT	133	1.5	5.515	3.706	R290	16
Straight Copper Pipe	EN1057ZG133BYT	133	2	7.326	4.923	R290	22
Straight Copper Pipe	EN1057ZG133CYT	133	2.5	9.122	6.130	R290	27
Straight Copper Pipe	EN1057ZG133DYT	133	3	10.904	7.327	R290	33
Straight Copper Pipe	EN1057ZG159AYT	159	1.5	6.606	4.439	R290	14
Straight Copper Pipe	EN1057ZG159BYT	159	2	8.779	5.900	R290	18
Straight Copper Pipe	EN1057ZG159CYT	159	2.5	10.939	7.351	R290	23
Straight Copper Pipe	EN1057ZG159DYT	159	3	13.085	8.793	R290	27
Straight Copper Pipe	EN1057ZG219AYT	219	3	18.118	12.175	R290	20
Straight Copper Pipe	EN1057ZG267AYT	267	3	22.144	14.880	R290	16

BS EN1057 Straight Copper Tube (Annealed - LWC)

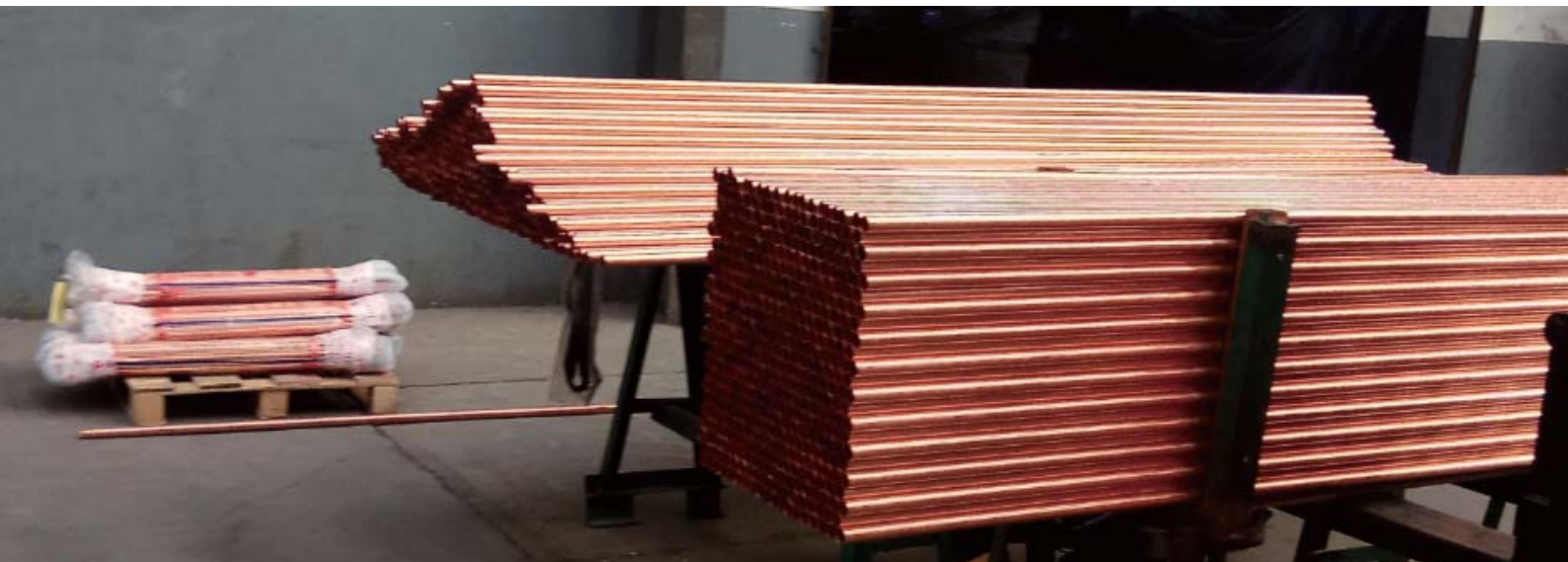
Product Type	Item #	Outside Diameter		Theoretical Weight		Temper	Maximum Working Pressure [bar] at 65 °C
		mm	mm	kg/m	lb/ft		
LWC	EN1057DP6ART	6	0.6	0.091	0.061	R220	76
LWC	EN1057DP6BRT	6	0.8	0.116	0.078	R220	105
LWC	EN1057DP6CRT	6	1	0.140	0.094	R220	135
LWC	EN1057DP8ART	8	0.6	0.124	0.083	R220	56
LWC	EN1057DP8BRT	8	0.8	0.161	0.108	R220	76
LWC	EN1057DP8CRT	8	1	0.196	0.132	R220	98
LWC	EN1057DP10ART	10	0.6	0.158	0.106	R220	44
LWC	EN1057DP10BRT	10	0.7	0.182	0.122	R220	52
LWC	EN1057DP10CRT	10	0.8	0.206	0.138	R220	60
LWC	EN1057DP10DRT	10	1	0.252	0.169	R220	76
LWC	EN1057DP12ART	12	0.6	0.191	0.129	R220	37
LWC	EN1057DP12BRT	12	0.7	0.221	0.149	R220	43
LWC	EN1057DP12CRT	12	0.8	0.251	0.168	R220	50
LWC	EN1057DP12DRT	12	1	0.308	0.207	R220	63
LWC	EN1057DP14ART	14	0.8	0.295	0.198	R220	42
LWC	EN1057DP14BRT	14	1	0.363	0.244	R220	53
LWC	EN1057DP15ART	15	0.7	0.280	0.188	R220	34
LWC	EN1057DP15BRT	15	0.8	0.318	0.213	R220	39
LWC	EN1057DP15CRT	15	1	0.391	0.263	R220	50
LWC	EN1057DP16ART	16	1	0.419	0.282	R220	46
LWC	EN1057DP18ART	18	0.8	0.385	0.259	R220	32
LWC	EN1057DP18BRT	18	1	0.475	0.319	R220	41
LWC	EN1057DP22ART	22	0.9	0.531	0.357	R220	30
LWC	EN1057DP22BRT	22	1	0.587	0.395	R220	33
LWC	EN1057DP22CRT	22	1.1	0.643	0.432	R220	37
LWC	EN1057DP22DRT	22	1.2	0.698	0.469	R220	40
LWC	EN1057DP22ERT	22	1.5	0.860	0.578	R220	51
LWC	EN1057DP28ART	28	0.9	0.682	0.458	R220	23
LWC	EN1057DP28BRT	28	1	0.755	0.507	R220	26
LWC	EN1057DP28CRT	28	1.2	0.899	0.604	R220	31
LWC	EN1057DP28DRT	28	1.5	1.111	0.747	R220	39
Copper Pancake Coil	EN1057WXP6ART	6	0.6	0.091	0.061	R220	76
Copper Pancake Coil	EN1057WXP6BRT	6	0.8	0.116	0.078	R220	105
Copper Pancake Coil	EN1057WXP6CRT	6	1	0.140	0.094	R220	135
Copper Pancake Coil	EN1057WXP8ART	8	0.6	0.124	0.083	R220	56
Copper Pancake Coil	EN1057WXP8BRT	8	0.8	0.161	0.108	R220	76
Copper Pancake Coil	EN1057WXP8CRT	8	1	0.196	0.132	R220	98
Copper Pancake Coil	EN1057WXP10ART	10	0.6	0.158	0.106	R220	44
Copper Pancake Coil	EN1057WXP10BRT	10	0.7	0.182	0.122	R220	52
Copper Pancake Coil	EN1057WXP10CRT	10	0.8	0.206	0.138	R220	60
Copper Pancake Coil	EN1057WXP10DRT	10	1	0.252	0.169	R220	76
Copper Pancake Coil	EN1057WXP12ART	12	0.6	0.191	0.129	R220	37
Copper Pancake Coil	EN1057WXP12BRT	12	0.7	0.221	0.149	R220	43
Copper Pancake Coil	EN1057WXP12CRT	12	0.8	0.251	0.168	R220	50
Copper Pancake Coil	EN1057WXP12DRT	12	1	0.308	0.207	R220	63
Copper Pancake Coil	EN1057WXP14ART	14	0.8	0.295	0.198	R220	42
Copper Pancake Coil	EN1057WXP14BRT	14	1	0.363	0.244	R220	53
Copper Pancake Coil	EN1057WXP15ART	15	0.7	0.280	0.188	R220	34
Copper Pancake Coil	EN1057WXP15BRT	15	0.8	0.318	0.213	R220	39
Copper Pancake Coil	EN1057WXP15CRT	15	1	0.391	0.263	R220	50
Copper Pancake Coil	EN1057WXP16ART	16	1	0.419	0.282	R220	46
Copper Pancake Coil	EN1057WXP18ART	18	0.8	0.385	0.259	R220	32
Copper Pancake Coil	EN1057WXP18BRT	18	1	0.475	0.319	R220	41
Copper Pancake Coil	EN1057WXP22ART	22	0.9	0.531	0.357	R220	30
Copper Pancake Coil	EN1057WXP22BRT	22	1	0.587	0.395	R220	33
Copper Pancake Coil	EN1057WXP22CRT	22	1.1	0.643	0.432	R220	37
Copper Pancake Coil	EN1057WXP22DRT	22	1.2	0.698	0.469	R220	40
Copper Pancake Coil	EN1057WXP22ERT	22	1.5	0.860	0.578	R220	51
Copper Pancake Coil	EN1057WXP28ART	28	0.9	0.682	0.458	R220	23
Copper Pancake Coil	EN1057WXP28BRT	28	1	0.755	0.507	R220	26
Copper Pancake Coil	EN1057WXP28CRT	28	1.2	0.899	0.604	R220	31
Copper Pancake Coil	EN1057WXP28DRT	28	1.5	1.111	0.747	R220	39

BS EN1057 Straight Copper Tube (Half Hard)

Product Type	Item #	Outside Diameter		Wall Thickness	Theoretical Weight		Temper	Maximum Working Pressure [bar] at 65°
		mm	mm		kg/m	lb/ft		
Straight Copper Pipe	EN1057ZG12ABY	12	0.6	EN1057ZG12ABY	0.191	0.129	R250	74
Straight Copper Pipe	EN1057ZG12BBY	12	0.7	EN1057ZG12BBY	0.221	0.149	R250	87
Straight Copper Pipe	EN1057ZG12CBY	12	0.8	EN1057ZG12CBY	0.251	0.168	R250	100
Straight Copper Pipe	EN1057ZG12DBY	12	1	EN1057ZG12DBY	0.308	0.207	R250	127
Straight Copper Pipe	EN1057ZG14ABY	14	0.8	EN1057ZG14ABY	0.295	0.198	R250	85
Straight Copper Pipe	EN1057ZG14BBY	14	1	EN1057ZG14BBY	0.363	0.244	R250	108
Straight Copper Pipe	EN1057ZG15ABY	15	0.7	EN1057ZG15ABY	0.280	0.188	R250	69
Straight Copper Pipe	EN1057ZG15BBY	15	0.8	EN1057ZG15BBY	0.318	0.213	R250	79
Straight Copper Pipe	EN1057ZG15CBY	15	1	EN1057ZG15CBY	0.391	0.263	R250	100
Straight Copper Pipe	EN1057ZG16ABY	16	1	EN1057ZG16ABY	0.419	0.282	R250	93
Straight Copper Pipe	EN1057ZG18ABY	18	0.8	EN1057ZG18ABY	0.385	0.259	R250	65
Straight Copper Pipe	EN1057ZG18BBY	18	1	EN1057ZG18BBY	0.475	0.319	R250	83
Straight Copper Pipe	EN1057ZG22ABY	22	0.9	EN1057ZG22ABY	0.531	0.357	R250	60
Straight Copper Pipe	EN1057ZG22BBY	22	1	EN1057ZG22BBY	0.587	0.395	R250	67
Straight Copper Pipe	EN1057ZG22CBY	22	1.1	EN1057ZG22CBY	0.643	0.432	R250	74
Straight Copper Pipe	EN1057ZG22DBY	22	1.2	EN1057ZG22DBY	0.698	0.469	R250	81
Straight Copper Pipe	EN1057ZG22EBY	22	1.5	EN1057ZG22EBY	0.860	0.578	R250	102
Straight Copper Pipe	EN1057ZG28ABY	28	0.9	EN1057ZG28ABY	0.682	0.458	R250	47
Straight Copper Pipe	EN1057ZG28BBY	28	1	EN1057ZG28BBY	0.755	0.507	R250	52
Straight Copper Pipe	EN1057ZG28EBY	28	1.2	EN1057ZG28EBY	0.899	0.604	R250	63
Straight Copper Pipe	EN1057ZG28DBY	28	1.5	EN1057ZG28DBY	1.111	0.747	R250	79

ASTM B306 Type DWV Copper Tube (Copper Drainage tube)

Type	Item #	OD		Wall Thickness (mm)		Theoretical Weight		Temper	Safe Working Pressure at Service Temperature		
		Inch		mm	inch	mm	kg/m		lb/ft	66°C kPa	150°F psi
		Nom	Act								
Straight Copper Pipe	B306DWW35ZG	1 1/4	1 3/8	34.93	0.040	1.02	0.967	0.650	H58	3902	566
Straight Copper Pipe	B306DWW41ZG	1 1/2	1 5/8	41.28	0.042	1.07	1.203	0.808	H58	3468	503
Straight Copper Pipe	B306DWW54ZG	2	2 1/8	53.98	0.042	1.07	1.583	1.064	H58	2572	373
Straight Copper Pipe	B306DWW79ZG	3	3 1/8	79.38	0.045	1.14	2.494	1.676	H58	1882	273
Straight Copper Pipe	B306DWW105ZG	4	4 1/8	104.78	0.058	1.47	4.246	2.853	H58	1772	257
Straight Copper Pipe	B306DWW130ZG	5	5 1/8	130.18	0.072	1.83	6.567	4.413	H58	1793	260
Straight Copper Pipe	B306DWW156ZG	6	6 1/8	155.58	0.083	2.11	9.054	6.084	H58	1758	255
Straight Copper Pipe	B306DWW206ZG	8	8 1/8	206.38	0.109	2.77	15.769	10.597	H58	1731	251



JIS H3300 Copper Tube 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	-	-	-	-	-	-	-	-	-	-
15.9	-	-	-	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	-	-	-	-
19.1	-	-	-	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-
22.2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
25.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-
31.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-
38.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*The sizes in area with background color are acceptable sizes

*Sizes be marked as "o" are recommended sizes

Copper Grade Comparing by Countries/Districts

China	German		EU		International	USA	Japan
GB	DIN		EN		ISO	UNS	JIS
TU2	OF-Cu	2.0040	Cu-OFE	CW009A	Cu-OF	C10100	C1011
-	SE-Cu	2.0070	Cu-HCP	CW021A	-	C10300	-
-	SE-Cu	2.0070	Cu-PHC	CW020A	-	C10300	-
T2	E-Cu58	2.0065	Cu-ETP	CW004A	Cu-ETP	C11000	C1100
TP2	SF-Cu	2.0090	Cu-DHP	CW024A	Cu-DHP	C12200	C1220
-	SF-Cu	2.0090	Cu-DHP	CW024A	Cu-DHP	C12200	C1220
-	SF-Cu	2.0090	Cu-DHP	CW024A	Cu-DLP	C12200	C1220
TP1	SW-Cu	2.0076	Cu-DLP	CW023A	Cu-DLP	C12000	C1201

Additional Notes

1. Weight: The datas of weight were theoretical weight, the actual weight of cargo might be slightly difference.
2. Pressure rating: Winland provides pressure rating of copper tube for customer reference. The datas were calculated by using formula: $P=2 St/(D-0.8t)$. The service temperature will effect the pressure rating, and hard temper copper tube's pressure rating is higher than annealed copper tube.
3. Customization: This catalog only includes the standard sizes, however Winland also supply customized shapes and sizes of copper tubes. For more information, please feel free to contact us.