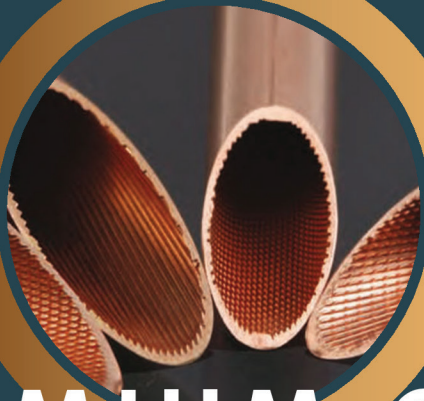




شركة النحاس الذهبي للصناعة
GOLDEN COPPER MANUFACTURING CO.

PREMIUM COPPER MANUFACTURERS

IN SAUDI ARABIA



www.goldencopper.com.sa

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شركة النحاس الذهبى للصناعة
GOLDEN COPPER MANUFACTURING CO.



OUR FACTORY

The Golden Copper Industry Company was established in 2023 in the city of Jubail, located in the Kingdom of Saudi Arabia, as the first factory in the Middle East specialized in the production of seamless copper pipes, with the aim of providing local products of high efficiency and quality.

The factory is characterized by achieving the highest standards of quality and safety, as the production lines were established according to the highest international standards of quality and safety, with a highly trained specialized technical team that provides the highest standards of production and quality.





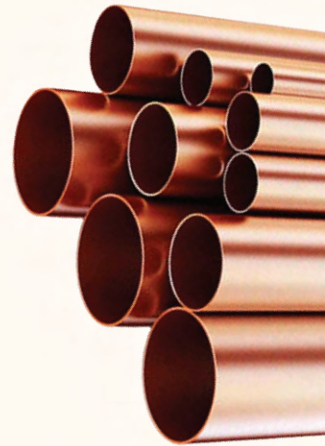
شركة النحاس الذهبية للصناعة
GOLDEN COPPER MANUFACTURING CO.

OUR VISION



In our vision, locally manufactured copper is the priority. This is important to help our clients get rid of all unnecessary costs, Our factory was built to make a difference, and you are invited to visit our production facility and explore the advantages that Golde Copper offers to your business with a highly trained specialized technical team that provides the highest standards of production and quality.

OUR QIALITY



Copper production begins with acquiring raw materials like ore, concentrate, or matte. These raw materials come from mines around the world where ores containing copper sulfide minerals are extracted using open-pit mining or underground mining techniques. The ore is then crushed and heated to separate the copper from other elements. This process is known as smelting and produces molten matte or blister copper, which is then refined further into 99% pure copper cathodes.

The next step in copper production is to fabricate products from the copper cathodes. Manufacturers must decide which processes they will use based on cost-effectiveness and product quality considerations. Some of these processes include casting, drawing, extrusion, forging, hot rolling, cold rolling, powder metallurgy, stamping/punching/pressing/drawing die forming/bending/stretching/welding, etc., machining operations such as turning, boring, and drilling operations

OUR PROMICE

Copper is a sought-after metal for its durability, malleability, and conductivity. It has long been used in manufacturing, from coins to wires. Copper production and manufacturing can be mysterious to those unfamiliar with the industry. From mining to the finished product, there are many steps involved in producing copper. Let's take a look at how it's done.

Golde Copper brand is one the highest brands in the HVAC sector with its products such as rubber foam insulated copper tubes, pe insulated copper tubes, a/c installation kits, straight copper tubes, medical copper tubes, lwc copper tubes, pancake copper coil, capillary copper tube, copper fittings, and gas tube.

OUR VEREFICATIONS

We always strive to achieve the highest international and local quality standards. Our factories operate according to the highest international quality standards, and we work all the time to issue quality certificates specialized in copper manufacturing from all local and international supervisory bodies.



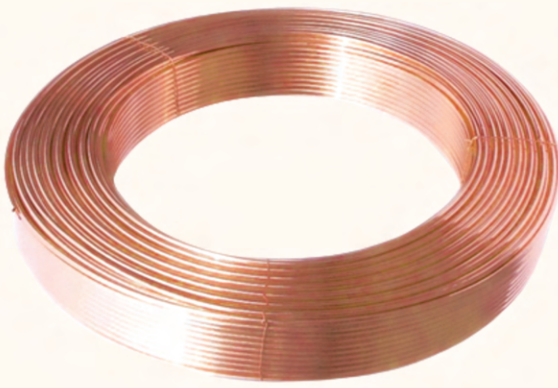
المواصفات السعودية
Saudi Standards





شركة النحاس الذهبى للصناعة
GOLDEN COPPER MANUFACTURING CO.

OUR PRODUCTS



Level Wound Coil



Soft Coils = Pancake



Straight Tubes - Water/Gas



ACR /Medical Tubes

► Pancake Coil for Air Conditioning and Refrigeration

per ASTM B280

50ft (15m) lenght

700Psi Certified Size

Type	OD		Wall Thickness		Weight		Temper
	Inch	mm	Inch	mm	kg/m	lb/ft	
Soft Coil B280 ACR/ Type L Standard	1/4	6.35	0.030	0.762	0.120	0.080	O
	5/16	7.94	0.032	0.813	0.163	0.109	
	3/8	9.53	0.032	0.813	0.199	0.134	
	1/2	12.70	0.032	0.813	0.271	0.182	
	5/8	15.88	0.035	0.889	0.374	0.251	
	3/4	19.05	0.035	0.889	0.453	0.305	
	7/8	22.23	0.045	1.143	0.677	0.455	
Soft Coil B280 Type K Heavy Coil	3/8	9.53	0.035	0.889	0.216	0.145	O
	1/2	12.70	0.049	1.245	0.400	0.269	
	5/8	15.88	0.049	1.245	0.512	0.344	
	3/4	19.05	0.049	1.245	0.622	0.418	
	7/8	22.23	0.065	1.651	0.954	0.641	
Soft Coil B743 Economy	1/4	6.35	0.024	0.610	0.098	0.066	O
	5/16	7.94	0.024	0.610	0.126	0.084	
	3/8	9.53	0.024	0.610	0.153	0.103	
	1/2	12.70	0.028	0.711	0.239	0.161	
	5/8	15.88	0.028	0.711	0.303	0.204	
	3/4	19.05	0.032	0.813	0.416	0.280	
	7/8	22.23	0.037	0.940	0.562	0.378	



► Seamless Copper Tube for Air Conditioning and Refrigeration

per ASTM B280

Straight Tubes 20ft (6m) lenght

■ 700Psi Certified Size

Type	OD		Wall Thickness		Weight		Temper Quality
	Inch	mm	Inch	mm	kg/m	lb/ft	
L	3/8	9.53	0.030	0.762	0.188	0.126	H
	1/2	12.70	0.035	0.889	0.295	0.198	
	5/8	15.88	0.040	1.016	0.424	0.285	
	3/4	19.05	0.042	1.067	0.539	0.362	
	7/8	22.23	0.045	1.143	0.677	0.455	
	1 1/8	28.58	0.050	1.270	0.974	0.654	
	1 3/8	34.93	0.055	1.397	1.315	0.884	
	1 5/8	41.28	0.060	1.524	1.701	1.143	
	2 1/8	53.98	0.070	1.778	2.606	1.751	
	2 5/8	66.68	0.080	2.032	3.689	2.479	
	3 1/8	79.38	0.090	2.286	4.949	3.325	
	3 5/8	92.08	0.100	2.540	6.386	4.291	
	4 1/8	104.78	0.110	2.794	8.001	5.377	
K	3/8	9.53	0.035	0.889	0.216	0.145	H
	1/2	12.70	0.049	1.245	0.400	0.269	
	5/8	15.88	0.049	1.245	0.512	0.344	
	3/4	19.05	0.049	1.245	0.622	0.418	
	7/8	22.23	0.065	1.651	0.954	0.641	
	1 1/8	28.58	0.065	1.651	1.248	0.839	
	1 3/8	34.93	0.065	1.651	1.543	1.037	
	1 5/8	41.28	0.072	1.829	2.026	1.361	
	2 1/8	53.98	0.083	2.108	3.070	2.063	
	2 5/8	66.68	0.095	2.413	4.355	2.926	
	3 1/8	79.38	0.109	2.769	5.957	4.003	
	3 5/8	92.08	0.120	3.048	7.620	5.120	
	4 1/8	104.78	0.134	3.404	9.690	6.511	



► Seamless Copper Tube for Medical Gas Systems

per ASTM B819

Straight Tubes 20ft (6m) length

■ 700Psi Certified Size

OD			OD Wall Thickness (Inch/mm)				Temper Quality
Nominal	Actual		K-Type		L-Type		
Inch	Inch	mm	Inch	mm	Inch	mm	
1/4	3/8	9.53	0.035	0.889	0.030	0.762	H
3/8	1/2	12.70	0.049	1.245	0.035	0.889	
1/2	5/8	15.88	0.049	1.245	0.040	1.016	
5/8	3/4	19.05	0.049	1.245	0.042	1.067	
3/4	7/8	22.23	0.065	1.651	0.045	1.143	
1	1 1/8	28.58	0.065	1.651	0.050	1.270	
1 1/4	1 3/8	34.93	0.065	1.651	0.055	1.397	
1 1/2	1 5/8	41.28	0.072	1.829	0.060	1.524	
2	2 1/8	53.98	0.083	2.108	0.070	1.778	
2 1/2	2 5/8	66.68	0.095	2.413	0.080	2.032	
3	3 1/8	79.38	0.109	2.769	0.090	2.286	
3 1/2	3 5/8	92.08	0.120	3.048	0.100	2.540	
4	4 1/8	104.78	0.134	3.404	0.110	2.794	



► Seamless Copper WaterTube

per ASTM B88

20ft (6m) lenght

Type	OD			Wall Thickness		Weight		Temper Quality
	Inch							
	Nom	Act	mm	Inch	mm	kg/m	lb/ft	
K	1/4	3/8	9.53	0.035	0.889	0.216	0.145	O
	3/8	1/2	12.70	0.049	1.245	0.400	0.269	
	1/2	5/8	15.88	0.049	1.245	0.512	0.344	
	5/8	3/4	19.05	0.049	1.245	0.622	0.418	
	3/4	7/8	22.23	0.065	1.651	0.954	0.641	
	1	1 1/8	28.58	0.065	1.651	1.248	0.839	
	1 1/4	1 3/8	34.93	0.065	1.651	1.543	1.037	H
	1 1/2	1 5/8	41.28	0.072	1.829	2.026	1.361	
	2	2 1/8	53.98	0.083	2.108	3.070	2.063	
	2 1/2	2 5/8	66.68	0.095	2.413	4.355	2.926	
	3	3 1/8	79.38	0.109	2.769	5.957	4.003	
	3 1/2	3 5/8	92.08	0.120	3.048	7.620	5.120	
4	4 1/8	104.78	0.134	3.404	9.690	6.511		
L	1/4	3/8	9.53	0.030	0.762	0.188	0.126	O
	3/8	1/2	12.70	0.035	0.889	0.295	0.198	
	1/2	5/8	15.88	0.040	1.016	0.424	0.285	
	5/8	3/4	19.05	0.042	1.067	0.539	0.362	
	3/4	7/8	22.23	0.045	1.143	0.677	0.455	
	1	1 1/8	28.58	0.050	1.270	0.974	0.654	
	1 1/4	1 3/8	34.93	0.055	1.397	1.315	0.884	H
	1 1/2	1 5/8	41.28	0.060	1.524	1.701	1.143	
	2	2 1/8	53.98	0.070	1.778	2.606	1.751	
	2 1/2	2 5/8	66.68	0.080	2.032	3.689	2.479	
	3	3 1/8	79.38	0.090	2.286	4.949	3.325	
	3 1/2	3 5/8	92.08	0.100	2.540	6.386	4.291	
4	4 1/8	104.78	0.110	2.794	8.001	5.377		

► Seamless Copper WaterTube

per ASTM B88

20ft (6m) lenght

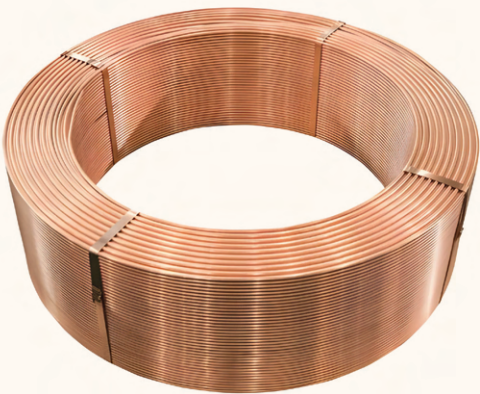
Type	OD			Wall Thickness		Weight	
	Inch		mm				
	Nom	Act		Inch	mm	kg/m	lb/ft
M	3/8	1/2	12.70	0.025	0.635	0.215	0.145
	1/2	5/8	15.88	0.028	0.711	0.303	0.204
	3/4	7/8	22.23	0.032	0.813	0.489	0.329
	1	1 1/8	28.58	0.035	0.889	0.691	0.464
	1 1/4	1 3/8	34.93	0.042	1.067	1.015	0.682
	1 1/2	1 5/8	41.28	0.049	1.245	1.400	0.940
	2	2 1/8	53.98	0.058	1.473	2.172	0.459
	2 1/2	2 5/8	66.68	0.065	1.651	3.015	1.026
	3	3 1/8	79.38	0.072	1.829	3.983	2.676
	3 1/2	3 5/8	92.08	0.083	2.108	5.326	2.579
	4	4 1/8	104.78	0.095	2.413	6.936	3.661



► Plain Level Wound Coil

per ASTM B734

OD mm	W/Thickness (mm)		OD Inch	W/Thickness (Inch)		DHP (C12200) : High Phosphorus DLP (C12000) : Low Phosphorus		
	Max	Min		Max	Min	LWC		
						H	OL	O
3/16	1.00	0.30	3/16	0.039	0.012	○	○	○
1/4	1.20	0.30	1/4	0.047	0.012			
5/16	1.50	0.30	5/16	0.059	0.012			
3/8	1.65	0.27	3/8	0.065	0.011			
1/2	2.00	0.37	1/2	0.079	0.015			
5/8	2.00	0.40	5/8	0.079	0.016			
3/4	2.00	0.50	3/4	0.079	0.020			
7/8	3.11	0.55	7/8	0.122	0.022			

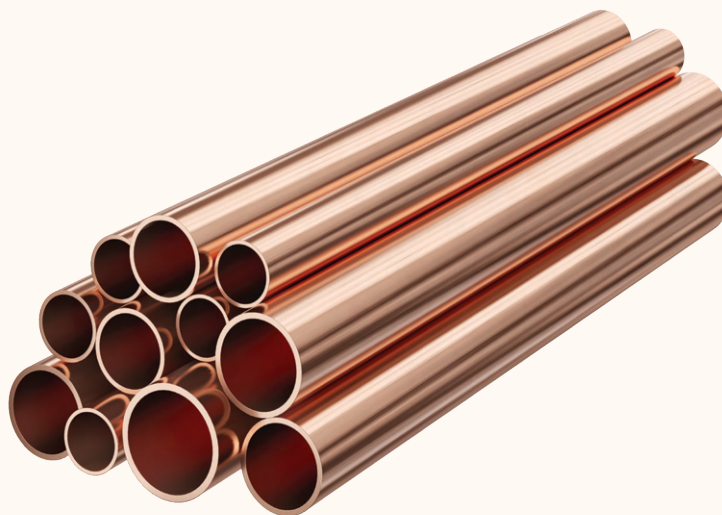


► Copper Drainage Tube(DWV)

Per ASTM B306

Straight Tube 20ft (6m) lenght

OD			Wall Thickness (inch/mm)	
Inch		mm		
Nom	Act			Inch
1 1/4	1 3/8	34.93	0.040	1.02
1 1/2	1 5/8	41.28	0.042	1.07
2	2 1/8	53.98	0.042	1.07
3	3 1/8	79.38	0.045	1.14
4	4 1/8	104.78	0.058	1.47



NOTES

Handwriting practice lines consisting of 25 horizontal dashed lines.



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