

AERIS METAL PRODUCTS

>>>> Catalogue of Products

**COPPER TUBE**

STANDARD LENGTHS*		Type K		Type L / ACR		Type M		DWV	
		HARD COILS	20' Lengths 60' – through 1-1/2" 100' – through 1-1/4" 40' and 60' – 2" only	HARD COILS	20' Lengths 60' – through 1-1/2" 100' – through 1-1/4" 40' – 2" only	HARD COILS	20' Lengths Consult	HARD	20' Lengths
NOM	O.D.	WALL	WGT/FT	WALL	WGT/FT	WALL	WGT/FT	WALL	WGT/FT
1/4"	3/8"	0.035	0.145	0.030	0.126	0.025	0.106	–	–
3/8"	1/2"	0.049	0.269	0.035	0.198	0.025	0.145	–	–
1/2"	5/8"	0.049	0.344	0.040	0.285	0.028	0.204	–	–
5/8"	3/4"	0.049	0.418	0.042	0.362	0.030	0.263	–	–
3/4"	7/8"	0.065	0.641	0.045	0.455	0.032	0.328	–	–
1"	1-1/8"	0.065	0.839	0.050	0.655	0.035	0.465	–	–
1-1/4"	1-3/8"	0.065	1.04	0.055	0.884	0.042	0.682	0.040	0.650
1-1/2"	1-5/8"	0.072	1.36	0.060	1.14	0.049	0.940	0.042	0.809
2"	2-1/8"	0.083	2.06	0.070	1.75	0.058	1.46	0.042	1.07
2-1/2"	2-5/8"	0.095	2.93	0.080	2.48	0.065	2.03	–	–
3"	3-1/8"	0.109	4.00	0.090	3.33	0.072	2.68	0.045	1.69
3-1/2"	3-5/8"	0.120	5.12	0.100	4.29	0.083	3.58	–	–
4"	4-1/8"	0.134	6.51	0.110	5.38	0.095	4.66	0.058	2.87
5"	5-1/8"	0.160	9.67	0.125	7.61	0.109	6.66	0.072	4.43
6"	6-1/8"	0.192	13.90	0.140	10.20	0.122	8.92	0.083	6.10
8"	8-1/8"	0.271	25.90	0.200	19.30	0.170	16.46	–	–

\*FOR SPECIAL LENGTHS OR TEMPERS CONSULT FOR PRICE AND AVAILABILITY.

**REFRIGERATION SERVICE TUBE**

O.D.	WALL THICKNESS	WEIGHT PER FOOT	WEIGHT PER COIL*	COIL DIAMETER	COILS PER MASTER	WEIGHT PER MASTER
1/8"	0.030	0.0347	1.74	14-3/4"	10	17.4
3/16"	0.030	0.0575	2.83	14-3/4"	10	28.80
1/4"	0.030	0.0804	4.02	14-3/4"	10	40.20
5/16"	0.032	0.109	5.45	14-3/4"	10	54.50
3/8"	0.032	0.134	6.70	16-1/2"	10	67.00
1/2"	0.032	0.182	9.10	20"	5	45.50
5/8"	0.035	0.251	12.55	22"	5	62.75
3/4"	0.035	0.305	15.25	25"	3	45.75
7/8"	0.045	0.455	22.75	27-1/2"	3	22.75
1-1/8"	0.050	0.655	32.75	34-1/2"	–	32.75
1-3/8"	0.055	0.884	44.20	39-1/2"	–	44.20
1-5/8"	0.060	1.14	57.00	42"	–	57.00

\*STANDARD 50' COIL. 100' COILS ALSO AVAILABLE AS STANDARD STOCK ITEM.

**TEMPERATURE CONTROL TUBE**

O.D.	WALL	WGT/FT	O.D.	WALL	WGT/FT
1/4"	0.025	0.0685	1/4"	0.032	0.0849

PACKED 2000' PER BOX

**SOFT COIL INFORMATION**

WATER TUBE COILS – SOFT						
Length	Nominal Size Inches	K / L	Type K		Type L	
		Coils Per Pallet	Weight Per Coil	Weight Per Pallet*	Weight Per Coil	Weight Per Pallet*
60	1/2"	65	20.64	1342	17.1	1112
	3/4"	25	38.5	962	27.3	683
	1"	40	50.3	2014	39.3	1572
100	1/2"	40	34.4	1376	28.5	1140
	5/8"	–	–	–	–	–
	3/4"	15	64.1	962	45.5	683
	1"	25	83.9	2098	65.5	1638

REFRIGERATION COILS – SOFT						
Actual O.D. Inches	50 Foot Coils			100 Foot Coils		
	Coils Per Pallet	Weight Per Coil	Weight Per Pallet*	Coils Per Pallet	Weight Per Coil	Weight Per Pallet*
1/4"	300	4.0	1200	160	8.04	1286
3/8"	240	6.7	1608	120	13.4	1608
1/2"	200	9.1	1820	50	18.2	910

\*Weight per pallet does not include packaging material

**COLOR CODE**

Type	K	L	M	DWV	ACR / OXY / MED	Refrigeration
Color	Green	Blue	Red	Yellow	Blue	Red

**DISCOUNT FACTORS**

	–	+1/2	+1	+1 1/2	+2	+2 1/2	+3	+3 1/2	+4	+4 1/2
–	.5000	.4975	.4950	.4925	.4900	.4875	.4850	.4825	.4800	.4775
1/5	.4750	.4726	.4703	.4679	.4655	.4631	.4608	.4584	.4560	.4536
2/5	.4513	.4490	.4467	.4445	.4422	.4400	.4377	.4355	.4332	.4309
3/5	.4287	.4265	.4244	.4223	.4201	.4180	.4158	.4137	.4115	.4094
4/5	.4073	.4052	.4032	.4011	.3991	.3971	.3950	.3930	.3910	.3889
5/5	.3869	.3850	.3830	.3811	.3792	.3772	.3753	.3733	.3714	.3695
6/5	.3675	.3657	.3639	.3620	.3602	.3584	.3565	.3547	.3528	.3510
7/5	.3492	.3474	.3457	.3439	.3422	.3404	.3387	.3369	.3352	.3335
8/5	.3317	.3301	.3284	.3267	.3251	.3234	.3218	.3201	.3184	.3168
9/5	.3151	.3135	.3120	.3104	.3088	.3072	.3057	.3041	.3025	.3009
10/5	.2994	.2979	.2964	.2949	.2934	.2919	.2904	.2889	.2874	.2859
11/5	.2844	.2830	.2816	.2801	.2787	.2773	.2759	.2744	.2730	.2716

**PACKAGING: BUNDLE/SLINGLOAD QUANTITIES**

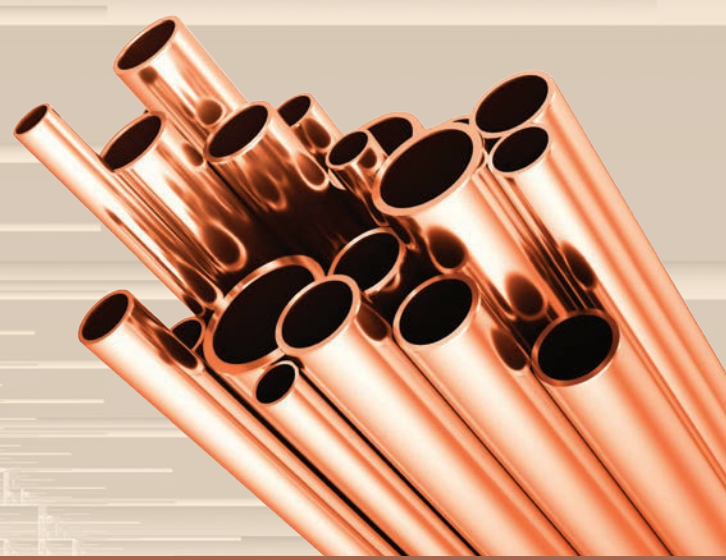
Type K						
Size	Pieces per bundle	Bundle per sling	Weight per bundle*	Slingload		
				Number of pieces	20 ft. (total feet)	10 ft. (total feet)
1/4"	25	24	72.5	600	12000	6000
3/8"	25	14	134.5	350	7000	3500
1/2"	25	10	172	250	5000	2500
5/8"	10	22	83.6	220	4400	2200
3/4"	10	14	128.2	140	2800	1400
1"	5	20	83.9	100	2000	1000
1-1/4"	5	18	104	90	1800	900
1-1/2"	5	14	136	70	1400	700
2"	3	16	123.6	48	960	480
2-1/2"	-	-	-	32	640	320
3"	-	-	-	24	480	240
4"	-	-	-	14	280	140

Type L						
Size	Pieces per bundle	Bundle per sling	Weight per bundle*	Slingload		
				Number of pieces	20 ft. (total feet)	10 ft. (total feet)
1/4"	25	24	63	600	12000	6000
3/8"	25	20	99	500	10000	5000
1/2"	25	14	142.5	350	7000	3500
5/8"	10	26	72.4	260	5200	2600
3/4"	10	20	91	200	4000	2000
1"	5	30	65.5	150	3000	1500
1-1/4"	5	22	88.4	110	2200	1100
1-1/2"	5	16	114	80	1600	800
2"	3	18	105	54	1080	540
2-1/2"	-	-	-	40	800	400
3"	-	-	-	30	600	300
4"	-	-	-	16	320	160

Type M						
Size	Pieces per bundle	Bundle per sling	Weight per bundle*	Slingload		
				Number of pieces	20 ft. (total feet)	10 ft. (total feet)
1/4"	25	40	53	1000	20000	10000
3/8"	25	26	72.5	650	13000	6500
1/2"	25	18	102	450	9000	4500
5/8"	10	30	52.6	300	6000	3000
3/4"	10	30	65.6	300	6000	3000
1"	5	40	46.5	200	4000	2000
1-1/4"	5	28	68.2	140	2800	1400
1-1/2"	5	18	94	90	1800	900
2"	3	20	87.6	60	1200	600
2-1/2"	-	-	-	44	880	440
3"	-	-	-	32	640	320
4"	-	-	-	18	360	180

Type DWV						
Size	Pieces per bundle	Bundle per sling	Weight per bundle*	Slingload		
				Number of pieces	20 ft. (total feet)	10 ft. (total feet)
1/4"	-	-	-	-	-	-
3/8"	-	-	-	-	-	-
1/2"	-	-	-	-	-	-
5/8"	-	-	-	-	-	-
3/4"	-	-	-	-	-	-
1"	-	-	-	-	-	-
1-1/4"	5	28	65	140	2800	1400
1-1/2"	5	22	80.9	110	2200	1100
2"	3	14	64.2	42	840	420
2-1/2"	-	-	-	-	-	-
3"	1	28	33.8	28	560	280
4"	1	20	57.4	20	400	200

Type ACR						
Size	Pieces per bundle	Bundle per sling	Weight per bundle*	Slingload		
				Number of pieces	20 ft. (total feet)	10 ft. (total feet)
1/4"	25	24	63	600	12000	6000
3/8"	25	20	99	500	10000	5000
1/2"	25	14	142.5	350	7000	3500
5/8"	10	26	72.4	260	5200	2600
3/4"	10	20	91	200	4000	2000
1"	5	30	65.5	150	3000	1500
1-1/4"	5	22	88.4	110	2200	1100
1-1/2"	5	16	114	80	1600	800
2"	3	18	105	54	1080	540
2-1/2"	1	40	49.6	40	800	400
3"	1	30	66.6	30	600	300
3-1/2"	1	22	85.8	22	440	220
4"	1	16	107.6	16	320	160



\*Weight per bundle reflects 20-foot lengths.  
NOTE: All sizes noted in the Size columns are nominal.

**COPPER TUBE: PLUMBING**

Diameter		Type K			Type L			Type M	DWV	Medical Gas	
NOM	O.D.	Hard Lengths	Soft Coils	Soft Lengths	Hard Lengths	Soft Coils	Soft Lengths	Hard Lengths	Hard Lengths	Type K*	Type L*
1/4"	3/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	-	-	10 ft., 20 ft.	10 ft., 20 ft.
3/8"	1/2"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
1/2"	5/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
5/8"	3/4"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
3/4"	7/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
1"	1-1/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
1-1/4"	1-3/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
1-1/2"	1-5/8"	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	60 ft., 100 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
2"	2-1/8"	10 ft., 20 ft.	40 ft., 60 ft.	10 ft., 20 ft.	10 ft., 20 ft.	40 ft., 60 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
2-1/2"	2-5/8"	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
3"	3-1/8"	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
3-1/2"	3-5/8"	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
4"	4-1/8"	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	-	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
5"	5-1/8"	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	-	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.
6"	6-1/8"	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.
8"	8-1/8"	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	-	10 ft., 20 ft.	-	10 ft., 20 ft.	10 ft., 20 ft.

\*Nitrogen charged through 3-1/8" only, hard lengths.  
Made to applicable ASTM standards B88, B306, B280. Meets NSF 61G.

**COPPER TUBE: REFRIGERATION**

ACR Tube <small>Nitrogen charged through 3-1/8" only</small>	
O.D. Dia.	Hard Lengths
3/8"	10 ft., 20 ft.
1/2"	10 ft., 20 ft.
5/8"	10 ft., 20 ft.
3/4"	10 ft., 20 ft.
7/8"	10 ft., 20 ft.
1-1/8"	10 ft., 20 ft.
1-3/8"	10 ft., 20 ft.
1-5/8"	10 ft., 20 ft.
2-1/8"	10 ft., 20 ft.
2-5/8"	10 ft., 20 ft.
3-1/8"	10 ft., 20 ft.
3-5/8"	10 ft., 20 ft.
4-1/8"	10 ft., 20 ft.
5-1/8"	10 ft., 20 ft.
6-1/8"	10 ft., 20 ft.
8-1/8"	10 ft., 20 ft.

Refrigeration Service Tube	
O.D. Dia.	Soft Coils
1/8"	50 ft., 100 ft.
3/16"	50 ft., 100 ft.
1/4"	50 ft., 100 ft.
5/16"	50 ft., 100 ft.
3/8"	50 ft., 100 ft.
1/2"	50 ft., 100 ft.
5/8"	50 ft., 100 ft.
3/4"	50 ft., 100 ft.
7/8"	50 ft., 100 ft.
1-1/8"	50 ft., 100 ft.
1-3/8"	50 ft., 100 ft.
1-5/8"	50 ft., 100 ft.

Temperature Control Tube				
O.D. Dia.	Wall Thickness 0.25"		Wall Thickness 0.32"	
	Hard Lengths	Soft Lengths	Hard Lengths	Soft Lengths
1/4"	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.	10 ft., 20 ft.

Temperature Control Tube is not recommended for forming or bending purposes.

Temperature Control Tube order quantities are in 2000 ft. per box increments.

Standard ACR Copper Tube is produced from Type L Copper Tube. Heavy Wall ACR Copper Tube produced from Type K Copper Tube is available upon request.

Made to applicable ASTM standard B280.



There is risk in the copper purchasing process. Cost, lead times, quality and the need for product innovation. They can all put production schedules and customer satisfaction at risk. At **Aeris Metal Products**, we use our 40 years of proven experience in copper tube, refrigeration tube and LWC manufacturing and distribution to eliminate this risk and ensure a consistent copper purchasing process with reliable outcomes.

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