



Heat exchanger tube - principal SWG sizes

Outside Diameter 			Standard Wire Gauge (SWG)							
			22 (0.711 mm)	20 (0.914 mm)	18 (1.218 mm)	16 (1.625 mm)	14 (2.032 mm)	12 (2.641 mm)	11 (2.946 mm)	10 (3.251 mm)
in	mm		 Weight, kg/m (average wall ¹)							
1/4	0.250	6.350	-	0.12	0.16	0.19	-	-	-	-
5/16	0.313	7.950	-	0.16	0.21	0.26	-	-	-	-
3/8	0.375	9.525	-	0.20	0.25	0.32	0.38	-	-	-
1/2	0.500	12.700	0.21	0.27	0.35	0.45	0.54	0.67	0.72	-
5/8	0.625	15.875	0.27	0.34	0.45	0.58	0.70	0.88	0.95	-
3/4	0.750	19.050	-	0.42	0.54	0.71	0.87	0.11	1.19	1.29
7/8	0.875	22.225	0.38	0.49	0.64	0.84	1.03	1.30	1.42	1.55
1	1.000	25.400	0.44	0.56	0.74	0.97	1.19	1.51	1.66	1.80
1 1/4	1.250	31.750	0.55	0.71	0.93	1.23	1.51	1.93	2.13	2.32
1 1/2	1.500	38.100	0.67	0.85	1.13	1.48	1.84	2.35	2.59	2.84
1 3/4	1.750	44.450	0.78	1.00	1.32	1.74	2.16	2.77	3.06	3.35
2	2.000	50.800	0.89	1.14	1.51	2.00	2.48	3.19	3.53	3.87
2 1/2	2.500	63.500	-	-	1.90	2.52	3.13	4.03	4.47	4.91
3	3.000	76.200	-	-	2.29	3.03	3.77	4.87	5.40	5.94
3 1/2	3.500	88.900	-	-	2.67	3.55	4.42	5.70	6.34	6.97
4	4.000	101.600	-	-	3.06	4.07	5.07	6.54	7.28	8.01

Notes:

Conventional weights are quoted, assuming the tube is specified as average wall. Add 10% to the weight for minimum wall tube. Multiply quoted weights by 1.014 for austenitic and duplex steels, by 0.985 for ferritic and martensitic steels.