301 stainless steel tube:

(WL: wall thickness AT:actual (real) thickness WP:weight of piece S:specification)

WL / AT / WP / S	0.4A	0.4	0.5	0.6	0.7	0.8	0.9	1	1.2	1.5	2	2.5	2.5B	3
	0.24	0.27	0.31	0.35	0.41	0.51	0.61	0.71	0.91	1.11	1.51	1.71	1.91	2.41
10*10	0.47	0.50	0.57	0.67	0.78	0.95	1.09	1.26						
12*12	0.56	0.60	0.69	0.80	0.94	1.13	1.33	1.53	1.97	2.41				
15*15	0.69	0.75	0.86	1.00	1.17	1.45	1.68	1.94	2.47	3.05				
17*17	0.79	0.85	0.98	1.14	1.32	1.63	1.95	2.21	2.82	3.48				
18*18	0.84	0.91	1.04	1.21	1.39	1.71	2.05	2.37	2.99	3.7	4.86	5.5		
19*19	0.89	0.96	1.10	1.28	1.49	1.84	2.20	2.55	3.14	3.91	5.14	5.82		
20*20	0.93	1.00	1.14	1.33	1.54	1.90	2.26	2.61	3.34	4.13	5.43	5.82		
22*22	1.03	1.11	1.27	1.48	1.72	2.10	2.49	2.88	3.65	4.56	6	6.79		
23*23	1.07	1.15	1.32	1.52	1.77	2.19	2.60	3.01	3.86	4.77	6.28	7.11		
24*24		1.20	1.38	1.59	1.85	2.29	2.72	3.15	4.03	4.98	6.57	7.43	8.33	
25*25		1.26	1.45	1.67	1.93	2.39	2.84	3.29	4.17	5.04	6.77	7.76	8.69	
28*28			1.60	1.86	2.17	2.67	3.18	3.68	4.73	5.84	7.71	8.72	9.77	
30*30			1.77	2.00	2.33	2.87	3.42	3.95	5.03	6.09	8.18	9.37	10.5	
35*35				2.36	2.72	3.37	4.01	4.66	5.94	7.35	9.7	10.98	12.31	
38*38				2.57	2.95	3.64	4.34	5.03	6.41	7.76	10.45	11.94	13.39	16.96
40*40					3.12	3.86	4.60	5.33	6.81	8.42	11.42	12.59	14.12	18.07
45*45					3.51	4.35	5.18	6.01	7.67	9.5	12.55	14.2	16.02	20.15
50*50					3.91	4.81	5.72	6.64	8.46	10.29	13.9	15.81	17.73	22.43
60*60						5.82	6.93	8.05	10.27	12.72	16.82	19.03	21.35	26.99
70*70							8.10	9.4	12.01	14.86	19.67	22.25	24.97	31.55
80*80									13.74	17.01	22.51	25.48	28.56	36.11
100*100									17.21	21.31	28.21	31.92	35.82	45.23
20*10	0.69	0.75	0.86	1	1.17	1.45	1.68	1.65	2.49	3.08	4.18			
23*11	0.79	0.85	0.98	1.14	1.32	1.63	1.95	2.26	2.84	3.51				
24*12	0.84	0.91	1.04	1.12	1.39	1.71	2.05	2.37	3.01	3.73	4.92	5.57		

301 stainless steel tube:

301 stainless steel light pipe, 301 stainless steel seamless pipe, 301 welded stainless steel tubes,301 polished stainless steel pipe, 301 stainless steel thick-walled tube, 301 stainless steel Pipes, 301 seamless stainless steel,301 stainless steel tube, 301 stainless steel sanitary pipe, 301 stainless steel Precision tubes, 301 stainless steel capillary tubes and so on.

Weight calculation（suit for 301、304、321）:

(external diameter — wall thickness）*wall thickness*0.02491 = kg/m

Eg: §57×3.5 (57－3.5)×3.5×0.02491＝4.66kg/m

Chemical Composition of 301 stainless steel tube:

Chemical Composition (%)						
C	Mn	Si	Cr	Ni	S	P
≤0.15	≤2.0	≤1.0	16.0～18.0	6.0～8.0	≤0.03	≤0.045

301 stainless steel tube:

Compared with the 304,less Cr, Ni content, the tensile strength and hardness increased cold under cold working , non-magnetic,but after cold working.

301 stainless steel and 301 heat-resistant steel are the most widely used in 301 series. It mainly used in food production equipment, vehicles, conveyor belts, bolts, aircraft, GRA chemical equipment and nuclear energy.