Steel Pipe Weight (kg/m)

طبق شماره استاندارد 6771 ایران
موضوع استاندارد: لوله های فولادی برای آبرسانی و فاضلاب

برای لوله های فولادی درز جوش و بی درز ST-37

Outside Diameter		Wall Thickness (mm)																		
in	mm	0.5	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.3	2.6	2.9	3.2	3.6	4	4.5	5	5.4	5.6
0.4	10.2	0.120	0.142	0.185	0.227	0.266	0.304	0.339	0.373	0.404	0.448	0.487								
0.47	12	0.142	0.169	0.221	0.271	0.320	0.366	0.410	0.453	0.493	0.550	0.603	0.651	0.694						
0.5	12.7	0.150	0.179	0.235	0.289	0.340	0.390	0.438	0.484	0.528	0.590	0.648	0.701	0.750						
0.53	13.5	0.160	0.191	0.251	0.308	0.364	0.418	0.470	0.519	0.567	0.635	0.699	0.758	0.813	0.879					
0.55	14	0.166	0.198	0.260	0.321	0.379	0.435	0.489	0.542	0.592	0.664	0.731	0.794	0.852	0.923					
0.63	16	0.191	0.228	0.300	0.370	0.438	0.504	0.568	0.630	0.690	0.777	0.859	0.937	1.01	1.10	1.18				
0.68	17.2	0.206	0.246	0.324	0.399	0.473	0.545	0.616	0.684	0.750	0.845	0.936	1.02	1.10	1.21	1.30	1.41			
0.71	18	0.216	0.257	0.339	0.419	0.497	0.573	0.647	0.719	0.789	0.890	0.987	1.08	1.17	1.28	1.38	1.50			
0.75	19	0.228	0.272	0.359	0.444	0.527	0.608	0.687	0.763	0.838	0.947	1.05	1.15	1.25	1.37	1.48	1.61	1.73		
0.79	20	0.240	0.287	0.379	0.469	0.556	0.642	0.726	0.808	0.888	1.00	1.12	1.22	1.33	1.46	1.58	1.72	1.85		
0.84	21.3	0.256	0.306	0.404	0.501	0.595	0.687	0.777	0.866	0.952	1.08	1.20	1.32	1.43	1.57	1.71	1.86	2.01	2.12	
0.87	22	0.265	0.317	0.418	0.518	0.616	0.711	0.805	0.897	0.986	1.12	1.24	1.37	1.48	1.63	1.78	1.94	2.10	2.21	
0.98	25	0.302	0.361	0.477	0.592	0.704	0.815	0.923	1.03	1.13	1.29	1.44	1.58	1.72	1.90	2.07	2.27	2.47	2.61	2.68
1	25.4	0.307	0.367	0.485	0.602	0.716	0.829	0.939	1.05	1.15	1.31	1.46	1.61	1.75	1.94	2.11	2.32	2.52	2.66	2.73
1.06	26.9	0.326	0.389	0.515	0.639	0.761	0.880	0.998	1.11	1.23	1.40	1.56	1.72	1.87	2.07	2.26	2.49	2.70	2.86	2.94
1.18	30	0.364	0.435	0.576	0.715	0.852	0.987	1.12	1.25	1.38	1.57	1.76	1.94	2.11	2.34	2.56	2.83	3.08	3.28	3.37
1.25	31.8	0.386	0.462	0.612	0.760	0.906	1.05	1.19	1.33	1.47	1.67	1.87	2.07	2.26	2.50	2.74	3.03	3.30	3.52	3.62
1.26	32	0.388	0.465	0.616	0.764	0.911	1.06	1.20	1.34	1.48	1.68	1.89	2.08	2.27	2.52	2.76	3.05	3.33	3.54	3.65
1.33	33.7	0.409	0.490	0.649	0.806	0.962	1.12	1.27	1.42	1.56	1.78	1.99	2.20	2.41	2.67	2.93	3.24	3.54	3.77	3.88
1.38	35	0.425	0.509	0.675	0.838	1.00	1.16	1.32	1.47	1.63	1.85	2.08	2.30	2.51	2.79	3.06	3.38	3.70	3.94	4.06
1.5	38	0.462	0.553	0.734	0.912	1.09	1.26	1.44	1.61	1.78	2.02	2.27	2.51	2.75	3.05	3.35	3.72	4.07	4.34	4.47
1.57	40	0.487	0.583	0.773	0.962	1.15	1.33	1.52	1.70	1.87	2.14	2.40	2.65	2.90	3.23	3.55	3.94	4.32	4.61	4.75
1.67	42.4	0.517	0.618	0.821	1.02	1.22	1.42	1.61	1.80	1.99	2.27	2.55	2.82	3.09	3.44	3.79	4.21	4.61	4.93	5.08
1.75	44.5	0.543	0.650	0.862	1.07	1.28	1.49	1.69	1.90	2.10	2.39	2.69	2.97	3.26	3.63	3.99	4.44	4.87	5.21	5.37
1.9	48.3		0.706	0.937	1.17	1.39	1.62	1.84	2.06	2.28	2.61	2.93	3.25	3.56	3.97	4.37	4.86	5.34	5.71	5.90
2	51		0.746	0.990	1.23	1.47	1.71	1.95	2.18	2.42	2.76	3.10	3.44	3.77	4.21	4.64	5.16	5.67	6.07	6.27
2.13	54		0.790	1.05	1.31	1.56	1.82	2.07	2.32	2.56	2.93	3.30	3.65	4.01	4.47	4.93	5.49	6.04	6.47	6.68
2.24	57		0.834	1.11	1.38	1.65	1.92	2.19	2.45	2.71	3.10	3.49	3.87	4.25	4.74	5.23	5.83	6.41	6.87	7.10
2.37	60.3		0.883	1.17	1.46	1.75	2.03	2.32	2.60	2.88	3.29	3.70	4.10	4.51	5.03	5.55	6.19	6.82	7.31	7.55
2.5	63.5		0.931	1.24	1.54	1.84	2.14	2.44	2.74	3.03	3.47	3.90	4.33	4.76	5.32	5.87	6.55	7.21	7.74	8.00
2.76	70			1.37	1.70	2.04	2.37	2.70	3.03	3.35	3.84	4.32	4.80	5.27	5.89	6.51	7.27	8.01	8.60	8.89
2.87	73			1.42	1.78	2.12	2.47	2.82	3.16	3.50	4.01	4.51	5.01	5.51	6.16	6.81	7.60	8.38	9.00	9.31
3	76.1			1.49	1.85	2.22	2.58	2.94	3.30	3.65	4.19	4.71	5.23	5.75	6.44	7.11	7.95	8.77	9.41	9.74
3.25	82.5			1.61	2.01	2.41	2.80	3.19	3.58	3.97	4.55	5.12	5.69	6.26	7.00	7.74	8.66	9.56	10.3	10.6
3.5	88.9			1.74	2.17	2.60	3.02	3.44	3.87	4.29	4.91	5.53	6.15	6.76	7.57	8.37	9.37	10.3	11.1	11.5
4	101.6					2.97	3.46	3.95	4.43	4.91	5.63	6.35	7.06	7.76	8.70	9.63	10.8	11.9	12.8	13.3
4.25	108					3.16	3.68	4.20	4.71	5.23	6.00	6.76	7.52	8.27	9.27	10.3	11.5	12.7	13.7	14.1
4.5	114.3					3.35	3.90	4.45	4.99	5.54	6.35	7.16	7.97	8.77	9.83	10.9	12.2	13.5	14.5	15.0
5	127							4.95	5.56	6.16	7.07	7.98	8.87	9.77	11.0	12.1	13.6	15.0	16.2	16.8
5.24	133							5.18	5.82	6.46	7.41	8.36	9.30	10.2	11.5	12.7	14.3	15.8	17.0	17.6
5.5	139.7							5.45	6.12	6.79	7.79	8.79	9.78	10.8	12.1	13.4	15.0	16.6	17.9	18.5
5.56	141.3							5.51	6.19	6.87	7.88	8.89	9.90	10.9	12.2	13.5	15.2	16.8	18.1	18.7
6	152.4							5.95	6.68	7.42	8.51	9.60	10.7	11.8	13.2	14.6	16.4	18.2	19.6	20.3
6.26	159							6.21	6.98	7.74	8.89	10.0	11.2	12.3	13.8	15.3	17.1	19.0	20.5	21.2
6.63	168.3							6.58	7.39	8.20	9.42	10.6	11.8	13.0	14.6	16.2	18.2	20.1	21.7	22.5
7	177.8								7.81	8.67	9.95	11.2	12.5	13.8	15.5	17.1	19.2	21.3	23.0	23.8
7.63	193.7								8.52	9.45	10.9	12.3	13.6	15.0	16.9	18.7	21.0	23.3	25.1	26.0
8.63	219.1								9.65	10.7	12.3	13.9	15.5	17.0	19.1	21.2	23.8	26.4	28.5	29.5
9.63	244.5									12.0	13.7	15.5	17.3	19.0	21.4	23.7	26.6	29.5	31.8	33.0
10.75	273									13.4	15.4	17.3	19.3	21.3	23.9	26.5	29.8	33.0	35.6	36.9
12.75	323.9											20.6	23.0	25.3	28.4	31.6	35.4	39.3	42.4	44.0
14	355.6											22.6	25.2	27.8	31.2	34.7	39.0	43.2	46.6	48.3
16	406.4											25.9	28.9	31.8	35.8	39.7	44.6	49.5	53.4	55.3
18	457													35.8	40.3	44.7	50.2	55.7	60.1	62.3
20	508													39.8	44.8	49.7	55.9	62.0	66.9	69.4
22	559													43.9	49.3	54.7	61.5	68.3	73.7	76.4
24	610													47.9	53.8	59.8	67.2	74.6	80.5	83.5
26	660															64.7	72.7	80.8	87.2	90.4
28	711															69.7	78.4	87.0	94.0	97.4
30	762															74.8	84.1	93.3	101	104
32	813															79.8	89.7	99.6	108	111
34	864															84.8	95.4	106	114	119
36	914															89.8	101	112	121	125
40	1016															99.8	112	125	135	140
42	1067																	131	141	147
44	1118																	137	148	154
46	1168																	143	155	161
48	1219																	150	162	168
52	1321																			182
56	1422																			196
60	1524																			
64	1626																			
68	1727																			
72	1829																			
76	1930																			
80	2032																			
84	2134																			
88	2235																			
92	2337																			
96	2438																			
100	2540																			

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