

Carbon Steel Pipes for Pressure Service(SPPS, STPG)

KS D 3562-1999
JIS G 3454-1988

Nominal Size	Outside Diameter	Schedule No.																					
		Sch 10			Sch 20			Sch 30			Sch 40			Sch 60			Sch 80			Sch 160			
		Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight	Hydrostatic Pressure test	Wall thickness	Weight		
A	B	mm	mm	kg/m	kg/cm ²	mm	kg/m	kg/cm ²	mm	kg/m	kg/cm ²	mm	kg/m	kg/cm ²	mm	kg/m	kg/cm ²	mm	kg/m	kg/cm ²	mm	kg/m	
★ 6	1/8	10.5										1.7	0.369		2.2	0.450		2.4	0.479				
★ 8	1/4	13.8										2.2	0.629		2.4	0.675		3.0	0.799				
10	3/8	17.3										2.3	0.851		2.8	1.00		3.2	1.11				
15	1/2	21.7										2.8	1.31		3.2	1.46		3.7	1.64		4.7	1.97	
20	3/4	27.2										2.9	1.74		3.4	2.00		3.9	2.24		5.5	2.94	
25	1	34.0										3.4	2.57		3.9	2.89		4.5	3.27		6.4	4.36	
32	1 1/4	42.7										3.6	3.47		4.5	4.24		4.9	4.57		6.4	5.73	
40	1 1/2	48.6										3.7	4.10		4.5	4.89		5.1	5.47		7.1	7.27	
50	2	60.5				3.2	4.52					3.9	5.44		4.9	6.72		5.5	7.46		8.7	11.1	
65	2 1/2	76.3		20	4.5	7.97	35			50	5.2	9.12	60	6.0	10.4	90	7.0	12.0	120	9.5	15.6		
80	3	89.1			4.5	9.39					5.5	11.3		6.6	13.4		7.6	15.3		11.1	21.4		
90	3 1/2	101.6			4.5	10.8					5.7	13.5		7.0	16.3		8.1	18.7		12.7	27.8		
100	4	114.3			4.9	13.2					6.0	16.0		7.1	18.8		8.6	22.4		13.5	33.6		
125	5	139.8			5.1	16.9					6.6	21.7		8.1	26.3		9.5	30.5		15.9	48.6		
150	6	165.2			5.5	21.7					7.1	27.7		9.3	35.8		11.0	41.8		18.2	66.0		
200	8	216.3			6.4	33.1		7.0	36.1		8.2	42.1		10.3	52.3		12.7	63.8		23.0	110		
250	10	267.4			6.4	41.2		7.8	49.9		9.3	59.2		12.7	79.8		15.1	93.9					
300	12	318.5			6.4	49.3		8.4	64.2		10.3	78.3		14.3	107		17.4	129					
350	14	355.6	6.4	55.1	7.9	67.7		9.5	81.1		11.1	94.3		15.1	127		19.0	158					
400	16	406.4	6.4	63.1	7.9	77.6		9.5	93.0		12.7	123		16.7	160		21.4	203					
450	18	457.2	6.4	71.1	7.9	87.5		11.1	122		14.3	156		19.0	205		23.8	254					
500	20	508.0	6.4	79.2	9.5	117		12.7	155		15.1	184		20.6	248		26.2	311					
550	22	558.8	6.4	87.2	9.5	129		12.7	171		15.9	213		-	-		-	-					
600	24	609.6	6.4	95.2	9.5	141		14.3	210		-	-		-	-		-	-					
650	26	660.4	7.9	103	12.7	203		-	-		-	-		-	-		-	-					

The size marked ★ are producible but rare chance in roll, Please consult with our Sales Dept.

NOTE) Tolerance ① Tolerance of O.D : 25A below ±0.3mm, 32A Over ±0.8%

② Tolerance of wall thickness : 3mm below ±0.3mm, 3mm Over ±10%

Steel Tubes and Tubulars Suitable for Screwing to BS 21 Pipe Threads

BS 1387-1985

Tube	Nominal Size		Outside Diameter				Wall Thickness		Weight					
			max.		min.				Plain Ends			Screwed and Socketed		
	in.	mm	in.	mm	in.	mm	in.	mm	lb/ft	kg/ft	kg/m	lb/ft	kg/ft	kg/m
Light	1/4	8	0.535	13.6	0.520	13.2	0.071	1.8	0.346	0.157	0.515	0.349	0.158	0.519
	3/8	10	0.673	17.1	0.657	16.7	0.071	1.8	0.450	0.204	0.670	0.454	0.206	0.676
	1/2	15	0.843	21.4	0.827	21.0	0.079	2.0	0.636	0.289	0.947	0.642	0.291	0.956
	3/4	20	1.059	26.9	1.039	26.4	0.091	2.3	0.927	0.421	1.380	0.934	0.424	1.390
	1	25	1.331	33.8	1.307	33.2	0.102	2.6	1.331	0.603	1.980	1.344	0.610	2.000
	1 1/4	32	1.673	42.5	1.650	41.9	0.102	2.6	1.707	0.774	2.540	1.727	0.783	2.570
	1 1/2	40	1.906	48.4	1.882	47.8	0.114	2.9	2.171	0.984	3.230	2.198	0.997	3.270
	2	50	2.370	60.2	2.346	59.6	0.114	2.9	2.742	1.244	4.080	2.789	1.265	4.150
	2 1/2	65	2.992	76.0	2.961	75.2	0.126	3.2	3.837	1.740	5.710	3.918	1.777	5.830
Medium	3	80	3.492	88.7	3.461	87.9	0.126	3.2	4.516	2.048	6.720	4.630	2.100	6.890
	4	100	4.484	113.9	4.449	113.0	0.142	3.6	6.552	2.972	9.750	6.721	3.048	10.000
	1/4	8	0.547	13.9	0.524	13.3	0.091	2.3	0.431	0.195	0.641	0.433	0.197	0.645
	3/8	10	0.685	17.4	0.661	16.8	0.091	2.3	0.564	0.256	0.839	0.568	0.258	0.845
	1/2	15	0.854	21.7	0.831	21.1	0.102	2.6	0.813	0.369	1.210	0.820	0.372	1.220
	3/4	20	1.071	27.2	1.047	26.6	0.102	2.6	1.048	0.475	1.560	1.055	0.479	1.570
	1	25	1.346	34.2	1.315	33.4	0.126	3.2	1.620	0.735	2.410	1.633	0.741	2.430
	1 1/4	32	1.689	42.9	1.657	42.1	0.126	3.2	2.083	0.945	3.100	2.104	0.954	3.130
	1 1/2	40	1.921	48.8	1.890	48.0	0.126	3.2	2.399	1.088	3.570	2.426	1.100	3.610
Heavy	2	50	2.394	60.8	2.354	59.8	0.142	3.6	3.380	1.533	5.030	3.427	1.554	5.100
	2 1/2	65	3.016	76.6	2.969	75.4	0.142	3.6	4.328	1.963	6.440	4.402	1.996	6.550
	3	80	3.524	89.5	3.469	88.1	0.157	4.0	5.625	2.551	8.370	5.739	2.603	8.540
	4	100	4.524	114.9	4.461	113.3	0.177	4.5	8.199	3.718	12.200	8.401	3.810	12.500
	5	125	5.535	140.6	5.461	138.7	0.197	5.0	11.156	5.059	16.600	11.492	5.212	17.100
	6	150	6.539	166.1	6.461	164.1	0.197	5.0	13.239	6.004	19.700	13.643	6.187	20.300
	1/4	8	0.547	13.9	0.524	13.3	0.114	2.9	0.514	0.233	0.765	0.517	0.234	0.769
	3/8	10	0.685	17.4	0.661	16.8	0.114	2.9	0.685	0.311	1.020	0.692	0.314	1.030
	1/2	15	0.854	21.7	0.831	21.1	0.126	3.2	0.968	0.439	1.440	0.974	0.442	1.450
3/4	20	1.071	27.2	1.047	26.6	0.126	3.2	1.257	0.570	1.870	1.263	0.573	1.880	
1	25	1.346	34.2	1.315	33.4	0.157	4.0	1.976	0.896	2.940	1.989	0.902	2.960	
1 1/4	32	1.689	42.9	1.657	42.1	0.157	4.0	2.554	1.158	3.800	2.574	1.167	3.830	
1 1/2	40	1.921	48.8	1.890	48.0	0.157	4.0	2.944	1.335	4.380	2.970	1.347	4.420	
2	50	2.394	60.8	2.354	59.8	0.177	4.5	4.160	1.887	6.190	4.207	1.908	6.260	
2 1/2	65	3.016	76.6	2.969	75.4	0.177	4.5	5.329	2.417	7.930	5.410	2.454	8.050	
3	80	3.524	89.5	3.469	88.1	0.197	5.0	6.922	3.139	10.300	7.057	3.200	10.500	
4	100	4.524	114.9	4.461	113.3	0.213	5.4	9.745	4.419	14.500	9.946	4.511	14.800	
5	125	5.535	140.6	5.461	138.7	0.213	5.4	12.030	5.456	17.900	12.366	5.608	18.400	
6	150	6.539	166.1	6.461	164.1	0.213	5.4	14.315	6.492	21.300	14.718	6.675	21.900	