

Carbon/Steel Pipes for Ordinary Piping JIS G3452 1994

Normal Size		Outside Diameter mm.	Tolerance of Outside Dia		Wall Thickness mm.	Tolerance of Wall Thickness	Unit Weight Plain Ends kg./m.	Packing pce./bal.
mm.	inch		Taper threaded	plain ends				
15	1 / 2	21.7	+ / - 0.5 mm.		2.8	+ Not Specified	1.31	200
20	3 / 4	27.2	+ / - 0.5 mm.		2.8		1.68	127
25	1	34	+ / - 0.5 mm.		3.2		2.43	114
32	1 1/4	42.7	+ / - 0.5 mm.		3.5		3.38	91
40	1 1/2	48.6	+ / - 0.5 mm.		3.5		3.89	70
50	2	60.5	+ / - 0.5 mm.	+ / - 1%	3.8	- 12.5%	5.31	44
65	2 1/2	76.3	+ / - 0.7 mm.	+ / - 1%	4.2		7.47	37
80	3	89.1	+ / - 0.8 mm.	+ / - 1%	4.2		8.79	19
100	4	114.3	+ / - 0.8 mm.	+ / - 1%	4.5		12.18	10
125	5	139.8	+ / - 0.8 mm.	+ / - 1%	4.5		15.01	10
150	6	165.2	+ / - 0.8 mm.	+ / - 1%	5.0		19.75	7
200	8	216.3	+ / - 1.0 mm.	+ / - 1%	5.8		30.11	7

Chemical Composition		Mechanical Properties			Hydrostatic Testing
P.max	S.max	Tensile Strength (Min)	Elongation		
			No. 11, 12	No. 5	
0.040	0.040	290 N/mm2 (29.6 kgf/mm2)	Longitudinal 30 % (min)	Transverse 25 % (min)	2.5 Mpa