

■ Specification of Pipe

CARBON AND ALLOY STEEL PIPE

Unit : mm

Nominal Wall Thickness and Inside Diameter																	
Nominal Pipe Size		Out-Side Dia.		S.G.P		Schedule 10		Schedule 20		Schedule 30		Schedule 40		Schedule 60		Schedule 80	
				Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.
A	B	A	B	t	A	t	A	t	A	t	A	t	A	t	A	t	A
6	1/8	10.5	10.29	2	6.5	-	-	-	-	-	-	1.7	7.1	-	-	2.4	5.7
8	1/4	13.8	13.72	2.3	9.2	-	-	-	-	-	-	2.2	9.4	-	-	3	7.8
10	3/8	17.3	17.14	2.3	12.7	-	-	-	-	-	-	2.3	12.7	-	-	3.2	10.9
15	1/2	21.7	21.34	2.8	16.1	-	-	-	-	-	-	2.8	16.1	-	-	3.7	14.3
20	3/4	27.2	26.67	2.8	21.6	-	-	-	-	-	-	2.9	21.4	-	-	3.9	19.4
25	1	34	33.40	3.2	27.6	-	-	-	-	-	-	3.4	27.2	-	-	4.5	25
32	1 1/4	42.7	42.16	3.5	35.7	-	-	-	-	-	-	3.6	35.5	-	-	4.9	32.9
40	1 1/2	48.6	48.26	3.5	41.6	-	-	-	-	-	-	3.7	41.2	-	-	5.1	38.4
50	2	60.5	60.32	3.8	52.9	-	-	-	-	-	-	3.9	52.7	-	-	5.5	49.5
65	2 1/2	76.3	73.02	4.2	67.9	-	-	-	-	-	-	5.2	65.9	-	-	7	62.3
80	3	89.1	88.9	4.2	80.7	-	-	-	-	-	-	5.5	78.1	-	-	7.6	73.9
90	3 1/2	101.6	101.6	4.2	93.2	-	-	-	-	-	-	5.7	90.2	-	-	8.1	85.4
100	4	114.3	114.3	4.5	105.3	-	-	-	-	-	-	7.1	102.3	-	-	8.6	97.1
125	5	139.8	141.3	4.5	105.3	-	-	-	-	-	-	8.2	126.6	-	-	9.5	120.8
150	6	165.2	168.3	5	155.2	-	-	-	-	-	-	9.3	151	-	11.0	143.2	-
200	8	216.4	219.08	5.8	204.7	-	-	6.4	203.5	7	202.3	10.3	199.9	10.3	195.7	12.7	190.9
250	10	267.4	273.05	6.6	254.2	-	-	6.4	254.6	7.8	251.8	11.1	248.8	12.7	242	15.1	237.2
300	12	318.5	323.8	6.9	304.7	-	-	6.4	305.7	8.4	301.7	12.7	297.3	14.3	289.9	17.4	283.7
350	14	355.6	355.6	7.9	339.6	6.4	342.8	7.9	339.8	9.5	336.6	14.3	333.4	15.1	325.4	19	317.6
400	16	406.4	406.4	7.9	390.6	6.4	393.6	7.9	390.6	9.5	387.4	15.1	381	16.7	373	21.4	363.6
450	18	457.2	457.2	7.9	441.4	6.4	444.4	7.9	441.4	11.1	435	14.3	428.6	19	419.2	23.8	408.6
500	20	508	508.2	7.9	492.2	6.4	495.2	9.5	489	12.7	482.6	15.1	477.8	20.6	466.8	26.2	455.6
600	24	609.6	558.8	-	-	6.4	596.8	9.5	590.6	14.3	581	17.5	574.6	24.6	560.4	30.9	547.8

STAINLESS STEEL PIPE

Unit : mm

Nominal Wall Thickness and Inside Diameter																		Nominal Pipe Size	
Nominal Pipe Size		Out-Side Dia.		Schedule 5		Schedule 10		Schedule 20		Schedule 40		Schedule 80		Schedule 120		Schedule 160			
				Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.		
A	B	A	B	t	A	t	A	t	A	t	A	t	A	t	A	t	A	A	B
6	1/8	10.5	10.29	1	8.5	1.2	8.1	1.5	7.5	1.7	7.1	2.4	5.7	-	-	-	-	6	1/2
8	1/4	13.8	13.72	1.2	11.4	1.65	10.5	2	9.8	2.2	9.4	3	7.8	-	-	-	-	8	1/4
10	3/8	17.3	17.14	1.2	14.9	1.65	14	2	13.3	2.3	12.7	3.2	10.9	-	-	-	-	10	3/4
15	1/2	21.7	21.34	1.65	18.4	2.1	17.5	2.5	16.7	2.8	16.1	3.7	14.3	-	-	4.7	12.3	15	1/2
20	3/4	27.2	26.67	1.65	23.9	2.1	23	2.5	22.2	2.9	21.4	3.9	19.4	-	-	5.5	16.2	20	3/4
25	1	34	33.40	1.65	30.7	2.8	28.4	3	28	3.4	27.2	4.5	25	-	-	6.4	21.2	25	1
32	1 1/4	42.7	42.16	1.65	39.4	2.8	37.1	3	36.7	3.6	35.5	4.9	32.9	-	-	6.4	29.9	32	1 1/4
40	1 1/2	48.6	48.26	1.65	45.3	2.8	43	3	42.6	3.7	41.2	5.1	38.4	-	-	7.1	34.4	40	1 1/2
50	2	60.5	60.32	1.65	57.2	2.8	54.9	3.5	53.5	3.9	52.7	5.5	49.5	-	-	8.7	43.1	50	2
65	2 1/2	76.3	73.02	2.1	72.1	3	70.3	3.5	69.3	5.2	65.9	7	62.3	-	-	9.5	57.3	65	2 1/2
80	3	89.1	88.9	2.1	84.9	3	83.1	4	81.1	5.5	78.1	7.6	73.9	-	-	11.1	66.9	80	3
90	3 1/2	101.6	101.6	2.1	97.4	3	95.6	4	93.6	5.7	90.2	8.1	85.4	-	-	12.7	76.2	90	3 1/2
100	4	114.3	114.3	2.1	110.1	3	108.3	4	106.3	6	102.3	8.6	97.1	11.1	92.1	13.5	87.3	100	4
125	4	139.8	141.3	2.8	134.2	3.4	133	5	129.8	6.6	126.6	9.5	120.8	12.7	114.4	15.9	108	125	5
150	6	165.2	168.3	2.8	159.6	3.4	158.4	5	155.2	7.1	151	11	143.2	14.3	136.2	18.2	128.8	150	6
200	8	216.4	219.08	2.8	210.7	4	208.3	6.5	203.3	8.2	199.9	12.7	190.9	18.2	179.9	23	170.3	200	8
250	10	267.4	273.05	3.4	260.6	4	259.4	6.5	254.4	9.3	248.8	15.1	237.2	21.4	224.6	28.6	210.2	250	10
300	12	318.5	323.8	4	310.5	4.5	309.5	6.5	305.5	10.3	297.9	17.4	283.7	25.4	267.7	33.3	254.9	300	12
350	14	355.6	355.6	4	347.6	5	345.6	8	339.6	11.1	333.4	19	317.6	27.8	300	35.7	284.2	350	14
400	16	406.4	406.4	4.5	397.4	5	396.4	8	390.4	12.7	381	21.4	363.6	30.9	344.6	40.5	325.4	400	16
450	18	457.2	457.2	4.5	448.2	5	447.2	8	441.2	14.3	428.6	23.8	409.6	34.9	387.4	45.2	366.8	450	18
500	20	508	508.2	5	498	5.5	497	9.5	489	15.1	477.8	26.2	455.6	38.1	431.8	40	408	500	20
600	24	609.6	558.8	5.5	598.6	6.5	596.6	9.5	590.6	17.5	574.6	30.9	547.8	45.9	517.8	59.5	490.6	600	24

Unit : mm

Nominal Wall Thickness and Inside Diameter															
Schedule 100		Schedule 120		Schedule 140		Schedule 160		STD		Ex-Stg		XX-Stg		Nominal Pipe Size	
Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.	Wall Thick-ness	Wall Outside I.D.		
t	A	t	A	t	A	t	A	t	A	t	A	t	A	A	B
-	-	-	-	-	-	-	-	1.7	7.1	2.4	5.7	-	-	6	1/8
-	-	-	-	-	-	-	-	2.2	9.4	3	7.8	-	-	8	1/4
-	-	-	-	-	-	-	-	2.3	12.7	3.2	10.9	-	-	10	3/8
-	-	-	-	-	-	4.7	12.3	2.8	16.1	3.7	14.3	7.5	6.7	15	1/2
-	-	-	-	-	-	5.5	16.2	2.9	21.4	3.9	19.4	7.8	11.6	20	3/4
-	-	-	-	-	-	6.4	21.2	3.4	27.2	4.5	25	9.1	15.8	25	1
-	-	-	-	-	-	6.4	29.9	3.6	35.5	4.9	32.9	9.7	23.3	32	1 1/4
-	-	-	-	-	-	7.1	34.4	3.7	41.2	5.1	38.4	10.2	28.2	40	1 1/2
-	-	-	-	-	-	8.7	43.21	3.9	52.7	5.5	49.5	11.1	38.3	50	2
-	-	-	-	-	-	9.5	57.3	5.2	65.9	7	62.3	14	48.3	65	2 1/2
-	-	-	-	-	-	11.1	66.9	5.5	78.1	7.6	73.9	15.2	58.7	80	3
-	-	-	-	-	-	12.7	76.2	5.7	90.2	8.1	85.4	16.2	69.2	90	3 1/2
-	-	11.1	92.1	-	-	13.5	87.3	6	102.3	8.6	97.1	17.1	80.1	100	4
-	-	12.7	114.4	-	-	15.9	108	6.6	126.6	9.5	120.8	19	101.8	125	5
-	-	14.3	136.6	-	-	18.2	128.8	7.1	151	11	143.2	21.9	121.4	150	6
15.1	186	18.2	179.9	20.6	175.1	23	170.3	8.2	199.9	12.7	190.9	22.2	171.9	200	8
18.2	231	21.1	224.6	25.4	216.6	28.6	210.2	9.3	248.8	12.7	242	25.4	216.6	250	10
21.4	275.7	25.4	267.7	28.6	261.3	33.3	251.9	9.5	299.5	12.7	293.1	25.4	267.7	300	12
23.8	308	27.8	300	31.8	292	35.7	284.2	9.5	336.6	12.7	330.2	25.4	-	350	14
26.2	354	30.9	344.6	36.5	333.4	40.5	325.4	9.5	387.4	12.7	381	-	-	400	16
29.4	298.4	34.9	387.4	39.7	377.8	45.2	366.8	9.5	438.2	12.7	431.8	-	-	450	18
32.5	443	38.1	431.8	44.5	419	50	408	9.5	489	12.7	482.6	-	-	500	20
38.9	531.8	45.9	517.8	52.4	504.8	59.5	490.6	9.5	590.6	12.7	584.2	-	-	600	24