N-PIPE Solutions Inc.

ANSI PIPE SCHEDULE SI-UNIT (METRIC), ASME B36.10/B36.19

For 5S, 10S, 40S, 80S Figure based on Austenitic Steel
OD=mm, Thickness=mm, Weight= Kg/Meter (Plain End Mass)

NPS	DN	OD	5S	5	10S	10	20	30	STD	40S	40	60	XS	80S	80	100	120	140	160	XXS
1/8		10.3			1.24	1.24		1.45	1.73	1.73	1.73		2.41	2.41	2.41					
					0.28	0.28		0.32	0.37	0.38	0.37		0.47	0.48	0.47					
1/4		13.7			1.65	1.65		1.85	2.24	2.24	2.24		3.02	3.02	3.02					
					0.51	0.49		0.54	0.63	0.64	0.63		0.80	0.82	0.80					
3/8	10	17.1			1.65	1.65		1.85	2.31	2.31	2.31		3.20	3.20	3.20					
					0.64	0.63		0.70	0.84	0.86	0.84		1.10	1.12	1.10					
0.5	15	21.3	1.65	1.65	2.11	2.11		2.41	2.77	2.77	2.77		3.73	3.73	3.73				4.78	7.47
			0.82	0.80	1.01	1.00		1.12	1.27	1.30	1.27		1.62	1.65	1.62				1.95	2.55
0.75	20	26.7	1.65	1.65	2.11	2.11		2.41	2.87	2.87	2.87		3.91	3.91	3.91				5.56	7.82
			1.04	1.03	1.31	1.28		1.44	1.69	1.72	1.69		2.20	2.24	2.20				2.90	3.64
1	25	33.4	1.65	1.65	2.77	2.77		2.90	3.38	3.38	3.38		4.55	4.55	4.55				6.35	9.09
			1.33	1.29	2.13	2.09		2.18	2.50	2.55	2.50		3.24	3.30	3.24				4.24	5.45
1.25	32	42.2	1.65	1.65	2.77	2.77		2.97	3.56	3.56	3.56		4.85	4.85	4.85				6.35	9.70
			1.68	1.65	2.76	2.69		2.87	3.39	3.46	3.39		4.47	4.56	4.47				5.61	7.77
1.5	40	48.3	1.65	1.65	2.77	2.77		3.18	3.68	3.68	3.68		5.08	5.08	5.08				7.14	10.15
			1.95	1.90	3.17	3.11		3.53	4.05	4.13	4.05		5.41	5.52	5.41				7.25	9.55
2	50	60.3	1.65	1.65	2.77	2.77		3.18	3.91	3.91	3.91		5.54	5.54	5.54				8.74	11.07
			2.44	2.39	4.01	3.93		4.48	5.44	5.55	5.44		7.48	7.63	7.48				11.11	13.44
2.5	65	73.0	2.11	2.11	3.05	3.05		4.78	5.16	5.16	5.16		7.01	7.01	7.01				9.53	14.02
			3.77	3.69	5.36	5.26		8.04	8.63	8.80	8.63		11.41	11.64	11.41				14.92	20.39
3	80	88.9	2.11	2.11	3.05	3.05		4.78	5.49	5.49	5.49		7.62	7.62	7.62				11.13	15.24
			4.60	4.52	6.59	6.46		9.92	11.29	11.52	11.29		15.27	15.58	15.27				21.35	27.68
3.5	90	101.6	2.11		3.05			4.78	5.74	5.74	5.74		8.08	8.08	8.08					
			5.29		7.55			11.41	13.57	13.84	13.57		18.64	19.01	18.64					
4	100	114.3	2.11	2.11	3.05	3.05		4.78	6.02	6.02	6.02		8.56	8.56	8.56		11.13		13.49	17.12
			5.96	5.84	8.52	8.37		12.91	16.08	16.40	16.08		22.32	22.77	22.32		28.32		33.54	41.03
5	125	141.3	2.77	2.77	3.40	3.40			6.55	6.55	6.55		9.53	9.53	9.53		12.70		15.88	19.05
			9.67	9.46	11.82	11.56			21.77	22.21	21.77		30.97	31.59	30.97		40.28		49.12	57.43
6	150	168.3	2.77	2.77	3.40	3.40			7.11	7.11	7.11		10.97	10.97	10.97		14.27		18.26	21.95
			11.56	11.31	14.13	13.83			28.26	28.83	28.26		42.56	43.41	42.56		54.21		67.57	79.22
8	200	219.1	2.77	2.77	3.76	3.76	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23
			15.09	14.78	20.37	19.97	33.32	36.82	42.55	43.40	42.55	53.09	64.64	65.93	64.64	75.92	90.44	100.93	111.27	107.93
10	250	273.0	3.40	3.40	4.19	4.19	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
			23.08	22.61	28.34	27.78	41.76	51.01	60.29	61.50	60.29	81.53	81.53	83.16	95.98	114.71	133.01	155.10	172.27	155.10
12	300	323.8	3.96	3.96	4.57	4.57	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40
			31.89	31.24	36.73	35.98	49.71	65.19	73.86	75.34	79.71	108.93	97.44	99.39	132.05	159.87	186.92	208.08	238.69	186.92
14	350	355.6	3.96	3.96	4.78	6.35	7.92	9.53	9.53		11.13	15.09	12.70		19.05	23.83	27.79	31.75	35.71	
			35.06	34.34	42.14	54.69	67.91	81.33	81.33		94.55	126.72	107.40		158.11	194.98	224.66	253.58	281.72	
16	400	406.4	4.19	4.19	4.78	6.35	7.92	9.53	9.53		12.70	16.66	12.70		21.44	26.19	30.96	36.53	40.49	
			42.41	41.56	48.26	62.65	77.83	93.27	93.27		123.31	160.13	123.31		203.54	245.57	286.66	333.21	365.38	
18	450	457.0	4.19	4.19	4.78	6.35	7.92	11.13	9.53		14.27	19.05	12.70		23.83	29.36	34.93	39.67	45.24	
			47.72	46.79	54.36	70.57	87.71	122.38	105.17		155.81	205.75	139.16		254.57	309.64	363.58	408.28	459.39	
20	500	508.0	4.78	4.78	5.54	6.35	9.53	12.70	9.53		15.09	20.62	12.70		26.19	32.54	38.10	44.45	50.01	
			60.46	59.32	70.00	78.56	117.15	155.13	117.15		183.43	247.84	155.13		311.19	381.55	441.52	508.15	564.85	
22	550	559.0	4.78	4.78	5.54	6.35	9.53	12.70	9.53			22.23	12.70		28.58	34.93	41.28	47.63	53.98	
			66.57	65.33	77.06	86.55	129.14	171.10	129.14			294.27	171.10		373.85	451.45	527.05	600.67	672.30	
24	600	610.0	5.54	5.54	6.35	6.35	9.53	14.27	9.53		17.48	24.61	12.70		30.96	38.89	46.02	52.37	59.54	
			84.16	82.58	96.37	94.53	141.12	209.65	141.12		255.43	355.28	187.07		442.11	547.74	640.07	720.19	808.27	
26	650	660.0				7.92	12.70		9.53				12.70							
						127.36	202.74		152.88				202.74							
28	700	711.0				7.92	12.70	15.88	9.53				12.70							
						137.32	218.71	272.23	164.86				218.71							
30	750	762.0	6.35	6.35	7.92	7.92	12.70	15.88	9.53				12.70							
			120.72	118.34	150.36	147.29	234.68	292.20	176.85				234.68							
32	800	813.0				7.92	12.70	15.88	9.53		17.48		12.70							
						157.25	250.65	312.17	188.83		342.94		250.65							
34	850	864.0				7.92	12.70	15.88	9.53		17.48		12.70							
						167.21	266.63	332.14	200.82		364.92		266.63							
36	900	914.0				7.92	12.70	15.88	9.53		19.05		12.70							
						176.97	282.29	351.73	212.57		420.45		282.29							
38	950	965.0							9.53				12.70							
									224.56				298.26							
40	1000	1016.0							9.53				12.70							
									236.54				314.23							
42	1050	1067.0							9.53				12.70							
									248.53				330.21							
44	1100	1118.0							9.53				12.70							
									260.52				346.18							
46	1150	1168.0							9.53				12.70							
									272.27				361.84							
48	1200	1219.0							9.53				12.70							
									284.25				377.81							

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