



NP Inches	OD (mm)	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	Vol/m m ³
1/8	10.3		WT	→	1.73	1.73		2.41	2.41							1.24	0.0001
			Weight	→	0.37	0.37		0.47	0.47								
1/4	13.7				2.24	2.24		3.02	3.02							1.65	0.0001
					0.63	0.63		0.80	0.80						0.51		
3/8	17.1				2.31	2.31		3.20	3.20							1.65	0.0003
					0.84	0.84		1.10	1.10						0.64		
1/2	21.3				2.77	2.77		3.73	3.73				4.78	7.47	1.65	2.11	0.0004
					1.27	1.27		1.62	1.62			1.95	2.55	0.82	1.01		
3/4	26.7				2.87	2.87		3.91	3.91				5.56	7.82	1.65	2.11	0.0007
					1.69	1.69		2.20	2.20			2.9	3.64	1.04	1.31		
1	33.4				3.38	3.38		4.55	4.55				6.35	9.09	1.65	2.77	0.0011
					2.50	2.50		3.24	3.24			4.24	5.45	1.33	2.13		
1 1/4	42.2				3.56	3.56		4.85	4.85				6.35	9.7	1.65	2.77	0.0018
					3.39	3.39		4.47	4.47			5.61	7.77	1.68	2.76		
1 1/2	48.3				3.68	3.68		5.08	5.08				7.14	10.15	1.65	2.77	0.0023
					4.05	4.05		5.41	5.41			7.25	9.56	1.95	3.17		
2	60.3				3.91	3.91		5.54	5.54				8.74	11.07	1.65	2.77	0.0036
					5.44	5.44		7.48	7.48			11.11	13.44	2.44	4.01		
2 1/2	73				5.16	5.16		7.01	7.01				9.53	14.02	2.11	3.05	0.0053
					8.63	8.63		11.41	11.41			14.92	20.39	3.77	5.36		
3	88.9				5.49	5.49		7.62	7.62				11.13	15.24	2.11	3.05	0.0079
					11.29	11.29		15.27	15.27			21.35	27.68	4.6	6.59		
3 1/2	101.6				5.74	5.74		8.08	8.08						2.11	3.05	0.0103
					13.57	13.57		18.63	18.63					5.29	7.55		
4	114.3				6.02	6.02		8.56	8.56		11.13		13.49	17.12	2.11	3.05	0.0130
					16.07	16.07		22.32	22.32		28.32	33.54	41.03	5.96	8.52		
5	141.3				6.55	6.55		9.53	9.53		12.7		15.88	19.05	2.77	3.4	0.0199
					21.77	21.77		30.97	30.97		40.28	49.11	57.43	9.67	11.82		
6	168.3				7.11	7.11		10.97	10.97		14.27		18.26	21.95	2.77	3.4	0.028
					28.26	28.26		42.56	42.56		54.2	67.56	79.22	11.55	14.13		
8	219.1	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23	2.77	3.76	0.048	
		33.31	36.81	42.55	42.55	53.08	64.64	64.64	75.92	90.44	100.92	111.27	107.92	15.09	20.37		
10	273.1	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4	3.4	4.19	0.074	
		41.77	51.03	60.31	60.31	81.55	81.55	96.01	114.75	133.06	155.15	172.33	155.15	23.08	28.34		
12	323.9	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4	3.96	4.57	0.104	
		49.73	65.2	73.88	79.73	108.96	97.46	132.08	159.91	186.97	208.14	238.76	186.97	31.89	36.73		
14	355.6	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	3.96	4.78	0.1260	
		54.69	67.9	81.33	81.33	94.55	126.71	107.39	158.1	194.96	224.65	253.56	281.7	35.06	42.14		
16	406.4	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	4.19	4.78	0.1650	
		62.64	77.83	93.27	93.27	123.3	160.12	123.3	203.53	245.56	286.64	333.19	365.35	42.41	48.26		

18	457	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.8	19.05 205.74	12.7 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		4.19 47.77	7.78 60.46	0.2080
20	508	6.35 78.55	9.53 117.15	12.7 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.7 155.12	26.19 311.17	32.54 381.53	38.1 441.49	44.45 508.11	50.01 564.81		4.78 60.46	5.54 70	0.2580
22	559	6.35 86.54	9.53 129.13	12.7 171.09	9.53 129.13		22.23 294.25	12.7 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		4.78 66.57	5.54 77.06	0.3120
24	610	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.7 187.06	30.96 442.08	38.39 547.71	46.02 640.03	52.37 720.15	59.54 808.22		5.54 84.16	6.35 96.37	0.3720
26	660	7.92 127.36	12.7 202.72		9.53 152.87			12.7 202.72									0.4350
28	711	7.92 137.32	12.7 218.69	15.88 271.21	9.53 164.85			12.7 218.69									0.5050
30	762	7.92 147.28	12.7 234.67	15.88 292.18	9.53 176.84			12.7 234.67							6.35 120.72	7.92 150.36	0.5800
32	813	7.92 157.24	12.7 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.7 250.64									0.6600
34	864	7.92 167.2	12.7 266.61	15.88 332.12	9.53 200.31	17.48 364.9		12.7 266.61									0.7460
36	914	7.92 176.96	12.7 282.27	15.88 351.7	9.53 212.56	19.05 420.42		12.7 282.27									0.8350
38	965				9.53 224.54			12.7 298.24									0.9310
40	1016				9.53 236.53			12.7 314.22									1.0320
42	1067				9.53 248.52			12.7 330.19									1.1380
44	1118				9.53 260.5			12.7 346.16									1.2490
46	1168				9.53 272.25			12.7 351.82									1.3640
48	1219				9.53 284.24			12.7 377.79									1.4850

NP=NOMINAL PIPE SIZE

WALL THICKNESS=MM

WEITH=KG/METRE