



Nominal Pipe Size	Outside Diameter	Schedule Designation	Wall Thickness		Weight		Internal Diameter	
			Inch	MM	LBS/ Foot	KG/ Met er	Inch	MM
1/8 3.2	0.405 10.3	10 STD XH/80	0.049 0.068 0.095	1.24 1.73 2.41	0.19 0.24 0.31	0.28 0.37 0.47	0.307 0.269 0.215	7.82 6.84 5.48
1/4 6.4	0.540 13.7	10 STD XH/80	0.065 0.088 0.119	1.65 2.24 3.02	0.33 0.43 0.54	0.49 0.63 0.80	0.410 0.364 0.302	10.4 9.22 7.66
3/8 9.5	0.675 17.1	10 STD XH/80	0.065 0.091 0.126	1.65 2.31 3.20	0.42 0.57 0.74	0.63 0.84 1.10	0.545 0.493 0.423	13.80 12.48 10.70
1/2 12.7	0.840 21.3	5 10 STD XH/80 160 XXH	0.065 0.083 0.109 0.147 0.188 0.294	1.65 2.11 2.77 3.73 4.78 7.47	0.54 0.67 0.85 1.09 1.31 1.72	0.80 1.00 1.27 1.62 1.95 2.55	0.710 0.674 0.622 0.546 0.464 0.252	18.00 17.08 15.76 13.84 11.74 6.36
3/4 19	1.050 26.7	5 10 STD XH/80 160 XXH	0.065 0.083 0.113 0.154 0.219 0.308	1.65 2.11 2.87 3.91 5.56 7.82	0.69 0.86 1.13 1.48 1.95 2.44	1.03 1.28 1.69 2.20 2.90 3.64	0.920 0.884 0.824 0.742 0.612 0.434	23.40 22.48 20.96 18.88 15.58 11.06
1 25	1.315 33.4	5 10 STD XH/80 160 XXH	0.065 0.109 0.133 0.179 0.250 0.358	1.65 2.77 3.38 4.55 6.35 9.09	0.87 1.41 1.68 2.17 2.85 3.66	1.29 2.09 2.50 3.24 4.24 5.45	1.185 1.097 1.049 0.957 0.815 0.599	30.10 27.86 26.64 24.30 20.70 15.22
1-1/4 32	1.660 42.2	5 10 STD XH/80 160 XXH	0.065 0.109 0.140 0.191 0.250 0.382	1.65 2.77 3.56 4.85 6.35 9.70	1.11 1.81 2.27 3.00 3.77 5.22	1.65 2.69 3.39 4.47 5.61 7.77	1.530 1.442 1.380 1.278 1.160 0.896	38.90 36.66 35.08 32.50 29.50 22.80
1-1/2 40	1.900 48.3	5 10 STD XH/80 160 XXH	0.065 0.109 0.145 0.200 0.281 0.400	1.65 2.77 3.68 5.08 7.14 10.15	1.28 2.09 2.72 3.63 4.86 6.41	1.90 3.11 4.05 5.41 7.25 9.55	1.770 1.682 1.610 1.500 1.338 1.100	45.00 42.76 40.94 38.14 34.02 28.00
2 50	2.375 60.3	5 10 STD XH/80 160 XXH	0.065 0.109 0.154 0.218 0.344 0.436	1.65 2.77 3.91 5.54 8.74 11.07	1.61 2.64 3.66 5.03 7.47 9.04	2.39 3.93 5.44 7.48 11.11 13.44	2.245 2.157 2.067 1.939 1.687 1.503	57.00 54.76 52.48 49.22 42.82 38.16
2-1/2 65	2.875 73	5 10 STD XH/80 160 XXH	0.083 0.120 0.203 0.276 0.375 0.552	2.11 3.05 5.16 7.01 9.53 14.02	2.48 3.53 5.80 7.67 10.02 13.71	3.69 5.26 8.63 11.41 14.92 20.39	2.709 2.635 2.469 2.323 2.125 1.771	68.78 66.90 62.68 58.98 53.94 44.96
3 80	3.500 88.9	5 10 STD XH/80 160 XXH	0.083 0.120 0.216 0.300 0.438 0.600	2.11 3.05 5.49 7.62 11.13 15.24	3.03 4.34 7.58 10.26 14.34 18.60	4.52 6.46 11.29 15.27 21.35 27.68	3.334 3.260 3.068 2.900 2.624 2.300	84.68 82.80 77.92 73.66 66.64 58.42

Nominal Pipe Size	Outside Diameter	Schedule Designation	Wall Thickness		Weight		Internal Diameter	
			Inch	MM	LBS/ Foot	KG/ Met er	Inch	MM
3-1/2 90	4.000 101.6	5 10 STD XH/80 XXH	0.083 0.120 0.226 0.318 0.636	2.11 3.05 5.74 8.08 16.15	3.48 4.98 9.12 12.52 22.87	5.18 7.41 13.57 18.64 34.03	3.834 3.760 3.548 2.364 2.728	97.38 95.50 90.12 85.44 69.30
4 100	4.500 114.3	5 10 STD XH/80 120 160 XXH	0.083 0.120 0.156 0.188 0.237 0.337 0.438 0.531 0.674	2.11 3.05 3.96 4.78 6.02 8.56 11.13 13.49 17.12	3.92 5.62 7.24 8.67 10.80 15.00 19.02 22.53 27.57	5.84 8.37 10.78 12.91 16.08 22.32 28.32 33.54 41.03	4.334 4.260 4.188 4.124 4.026 3.826 3.624 3.438 3.152	110.08 108.20 106.38 104.74 102.26 97.18 92.04 87.32 80.06
4-1/2 115	5.000 127	STD XH/80 XXH	0.247 0.355 0.710	6.27 9.02 18.03	12.55 17.63 32.56	18.67 26.24 48.45	4.506 4.290 3.580	114.46 108.96 90.94
5 125	5.563 141.3	5 10 STD XH/80 120 160 XXH	0.109 0.134 0.258 0.375 0.500 0.625 0.750	2.77 3.40 6.55 9.53 12.70 15.88 19.05	6.36 7.78 14.63 20.80 27.06 32.99 38.59	9.46 11.56 21.77 30.97 40.28 49.12 57.43	5.345 5.295 5.047 4.813 4.563 4.313 4.063	135.76 134.50 128.20 122.24 115.90 109.54 103.20
6 150	6.625 168.3	5 10 30 STD XH/80 120 160 XXH	0.109 0.134 0.188 0.250 0.280 0.432 0.562 0.719 0.864	2.77 3.40 4.78 6.47 7.11 10.97 14.27 18.26 21.95	7.59 9.30 12.94 17.04 18.99 28.60 36.43 45.39 53.21	11.31 13.83 19.28 25.39 28.26 42.56 54.21 67.57 79.22	6.407 6.357 6.249 6.125 6.065 5.761 5.501 5.187 4.897	162.76 161.50 158.74 155.59 154.08 146.36 139.76 131.78 124.40
8 200	8.625 219.1	5 10 20 30 STD XH/80 100 120 140 160 XXH	0.109 0.148 0.250 0.277 0.322 0.406 0.500 0.594 0.719 0.812 0.906 0.875	2.77 3.76 6.35 7.04 8.18 10.31 12.70 15.09 18.26 20.62 22.23 23.01	9.92 13.41 22.38 24.72 28.58 35.67 43.43 51.00 60.77 67.82 72.49 74.76	14.78 19.97 33.32 36.82 42.55 53.09 64.64 75.92 90.44 100.93 107.93 111.27	8.407 8.329 8.125 8.071 7.981 7.813 7.625 7.437 7.187 7.001 6.875 6.813	213.56 211.58 206.40 205.02 202.74 198.48 193.70 188.92 182.58 177.86 174.64 173.08
10 250	10.750 273	5 10 20 30 STD XH/60 80 100 120 140XXH 160	0.134 0.165 0.188 0.250 0.307 0.365 0.500 0.594 0.719 0.844 1.000 1.125	3.40 4.19 4.78 6.35 7.80 9.27 12.70 15.09 18.26 21.44 25.40 28.58	15.21 18.67 21.23 28.06 34.27 40.52 54.79 64.49 77.10 89.38 104.23 115.75	22.61 27.78 31.62 41.76 51.01 60.29 81.53 95.98 114.71 133.01 155.10 172.27	10.482 10.420 10.374 10.250 10.136 10.020 9.750 9.562 9.312 9.062 8.750 8.500	230.20 228.62 227.44 224.30 221.40 218.46 211.60 206.82 200.48 194.12 186.20 179.84
12 300	12.750 323.8	5 10 20 30 ST D 40 XH 60 80	0.156 0.180 0.188 0.250 0.330 0.375 0.406 0.500 0.562 0.688 0.844	3.96 4.57 4.78 6.35 8.38 9.53 10.31 12.70 14.27 17.48 21.44	21.00 24.19 25.25 33.41 43.81 49.61 53.57 65.48 73.22 88.71 107.42	31.24 35.98 37.61 49.71 65.19 73.86 79.71 97.44 108.93 132.05 159.87	12.438 12.390 12.374 12.250 12.090 12.000 11.938 11.750 11.626 11.374 11.062	315.88 314.66 314.24 311.10 307.04 304.74 303.18 298.40 295.26 288.84 280.92

Nominal Pipe Size	Outside Diameter	Schedule Designation	Wall Thickness		Weight		Internal Diameter	
Inch MM	Inch MM	ASME	Inch	MM	LBS/ Foot	KG/ Meter	Inch	MM
14 350	14 355.6	10 STD	0.188	4.78	27.76	41.36	13.624	346.04
			0.250	6.35	36.75	54.69	13.500	342.90
			0.312	7.92	45.65	67.91	13.376	339.76
			0.375	9.53	54.62	81.33	13.250	336.54
			0.438	11.13	63.50	94.55	13.124	333.34
			0.500	12.70	72.16	107.40	13.000	330.20
			0.594	15.09	85.13	126.72	12.812	325.42
			0.750	19.05	106.23	158.11	12.500	317.50
			0.938	23.83	130.98	194.98	12.124	307.94
			1.094	27.79	150.93	224.66	11.812	300.02
			1.250	31.75	170.37	253.58	11.500	292.10
			1.406	35.71	189.29	281.72	11.188	284.18
			1.60					
16 400	16 406.4	10 STD	0.188	4.78	31.78	47.34	15.624	396.84
			0.250	6.35	42.09	62.65	15.500	393.70
			0.312	7.92	52.32	77.83	15.376	390.56
			0.375	9.53	62.64	93.27	15.250	387.34
			0.500	12.70	82.85	123.31	15.000	381.00
			0.656	16.66	107.60	160.13	14.688	373.08
			0.844	21.44	136.74	203.54	14.312	363.52
			1.031	26.19	164.98	245.57	13.938	354.02
			1.219	30.96	192.61	286.66	13.562	344.48
			1.438	36.53	223.85	333.21	13.124	333.34
			1.594	40.49	245.48	365.38	12.812	325.42
			1.60					
			1.60					
18 450	18 457	10 STD	0.188	4.78	35.80	53.31	17.624	447.44
			0.250	6.35	47.44	70.57	17.500	444.30
			0.312	7.92	58.99	87.71	17.376	441.16
			0.375	9.53	70.65	105.17	17.250	437.94
			0.438	11.13	82.23	122.38	17.124	434.74
			0.562	14.27	104.76	155.81	16.876	428.46
			0.500	12.70	93.54	139.16	17.000	431.60
			0.750	19.05	138.30	205.75	16.500	418.90
			0.938	23.83	171.08	254.57	16.124	409.34
			1.156	29.36	208.15	309.64	15.688	398.28
			1.375	34.93	244.37	363.58	15.250	387.14
			1.562	39.67	274.48	408.28	14.876	377.66
			1.781	45.24	308.79	459.39	14.438	366.52
			1.60					
20 500	20 508	10 STD	0.218	5.54	46.10	68.61	19.564	496.92
			0.250	6.35	52.78	78.55	19.500	495.30
			0.375	9.53	78.67	117.15	19.250	488.94
			0.500	12.70	104.23	155.13	19.000	482.60
			0.594	15.09	123.23	183.43	18.812	477.82
			0.812	20.62	166.56	247.84	18.376	466.76
			1.031	26.19	209.06	311.19	17.938	455.62
			1.281	32.54	256.34	381.55	17.438	442.92
			1.500	38.10	296.65	441.52	17.000	431.80
			1.750	44.45	341.41	508.15	16.500	419.10
			1.969	50.01	379.53	564.85	16.062	407.98
			1.60					
			1.60					

Nominal Pipe Size	Outside Diameter	Schedule Designation	Wall Thickness		Weight		Internal Diameter	
Inch MM	Inch MM	ASME	Inch	MM	LBS/ Foot	KG/ Meter	Inch	MM
22 550	22 559	10 STD	0.218	5.54	50.76	75.55	21.564	547.92
			0.250	6.35	58.13	86.55	21.500	546.30
			0.375	9.53	86.69	129.14	21.250	539.94
			0.500	12.70	114.92	171.10	21.000	533.60
			0.875	22.23	197.60	294.27	20.250	514.54
			1.125	28.58	251.05	373.85	19.750	501.84
			1.375	34.93	303.16	451.45	19.250	489.14
			1.625	41.28	353.94	527.05	18.750	476.44
			1.875	47.63	403.38	600.67	18.250	463.74
			2.125	53.98	451.49	672.30	17.750	451.04
			1.60					
			1.60					
			1.60					
24 600	24 610	10 STD	0.250	6.35	63.47	94.53	23.500	597.30
			0.375	9.53	94.71	141.12	23.250	590.94
			0.500	12.70	125.61	187.07	23.000	584.60
			0.562	14.27	140.81	209.65	22.876	581.46
			0.688	17.48	171.45	255.43	22.624	575.04
			0.969	24.61	238.57	355.28	22.062	560.78
			1.219	30.96	296.86	442.11	21.562	548.08
			1.531	38.89	367.74	547.74	20.938	532.22
			1.812	46.02	429.79	640.07	20.376	517.96
			2.062	52.37	483.57	720.19	19.876	505.26
			2.344	59.54	542.64	808.27	19.312	490.92
			1.60					
			1.60					
			1.60					
26 650	26 660	STD	0.375	9.53	102.72	152.88	25.250	640.94
			0.500	12.70	136.3	202.74	25.000	634.60
28 700	28 711	STD	0.375	9.53	110.74	164.86	27.250	691.94
			0.500	12.70	146.99	218.71	27.000	685.60
30 750	30 762	STD	0.375	9.53	118.76	176.85	29.250	742.94
			0.500	12.70	157.68	234.68	29.000	736.60
32 800	32 813	STD	0.375	9.53	126.78	188.83	31.250	793.94
			0.500	12.70	168.37	250.65	31.000	787.60
34 850	34 864	STD	0.375	9.53	134.79	200.82	33.250	844.94
			0.500	12.70	179.06	266.63	33.000	838.60
36 900	36 914	STD	0.375	9.53	142.81	212.57	35.250	894.94
			0.500	12.70	189.75	282.29	35.000	888.60
42 1050	42 1067	STD	0.375	9.53	166.86	248.53	41.250	1047.94
			0.500	12.70	221.82	330.21	41.000	1041.60
48 1200	48 1219	STD	0.375	9.53	190.92	284.25	47.250	1199.94
			0.500	12.70	253.89	377.81	47.000	1193.60

Conversion Factors	
1 Inch =	25.4mm
1 Pound =	0.45359 kg
1 Kilogram =	2.2046 lbs
1 Pound/Foot =	1.4882 kg/m
1 Metric Ton =	2,204.623lbs
1 Net Ton =	2,000lbs
1 Foot =	0.3048m
1 Meter =	3.28084ft
1 Mile =	1.609km
1 Kilometer =	0.6214mi
1 Mile =	5,280ft
1 cubic ft =	0.02832 cubic m



Plain End Pipe Weight per Foot/Meter

lbs/ft = [Actual OD (in.)] – Wall Thickness (in.)] x [Wall Thickness (in.)] x 10.69]
kg/m = [Actual OD (mm)] – Wall Thickness (mm)] x [Wall Thickness (mm) x 0.0246615]

Volume

Cubic ft = Breadth (ft) x Height (ft) x Length (ft)
Cubic m = Breadth (m) x Height (m) x Length (m)