

## CAST IRON SOIL PIPE DATA

Table A2.3-1; Single Hub Service (SV) Weight Cast Iron Soil Pipe - 10' Length

Size (in)	Weight per Piece (lbs)	Barrel I. D. (in)	Average Pipe Weight (lb/ft)	Water Weight Full (lb/ft)	Pipe + Half Water Weight (lb/ft)	Pipe + Water Weight (lb/ft)
2	41	1.96	4.1	1.3	4.8	5.4
3	60	2.96	6.0	3.0	7.5	9.0
4	79	3.94	7.9	5.3	10.5	13.2
5	100	4.94	10.0	8.3	14.2	18.3
6	124	5.94	12.4	12.0	18.4	24.4
8	181	7.94	18.1	21.5	28.8	39.6
10	260	9.94	26.0	33.6	42.8	59.6
12	346	11.94	34.6	48.5	58.9	83.1
15	525	15.16	52.5	78.2	91.6	130.7

Table A2.3-2; Single Hub Extra Heavy (XH) Cast Iron Soil Pipe - 10' Length

Size (in)	Weight per Piece (lbs)	Barrel I. D. (in)	Average Pipe Weight (lb/ft)	Water Weight (lb/ft)	Pipe + Half Water Weight (lb/ft)	Pipe + Water Weight (lb/ft)
2	45	2.00	4.5	1.4	5.2	5.9
3	84	3.00	8.4	3.1	9.9	11.5
4	105	4.00	10.5	5.4	13.2	15.9
5	134	5.00	13.4	8.5	17.7	21.9
6	157	6.00	15.7	12.3	21.8	28.0
8	246	8.00	24.6	21.8	35.5	46.4
10	375	10.00	37.5	34.0	54.5	71.5
12	471	12.00	47.1	49.0	71.6	96.1
15	676	15.00	67.6	76.6	105.9	144.2

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### SECTION – A2.3

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Table A2.3-3; Hubless Cast Iron Soil Pipe - 10' Length

Size (in)	Weight per Piece (lbs)	Barrel I. D. (in)	Average Pipe Weight (lb/ft)	Water Weight (lb/ft)	Pipe + Half Water Weight (lb/ft)	Pipe + Water Weight (lb/ft)
1 1/2	29	1.50	2.9	0.8	3.3	3.7
2	38	1.96	3.8	1.3	4.5	5.1
3	54	2.96	5.4	3.0	6.9	8.4
4	71	3.94	7.1	5.3	9.7	12.4
5	98	4.94	9.8	8.3	14.0	18.1
6	118	5.94	11.8	12.0	17.8	23.8
8	165	7.94	16.5	21.5	27.2	38.0
10	255	10.00	25.5	34.0	42.5	59.5
12	318	11.94	31.8	48.5	56.1	80.3
15	493	15.11	49.3	77.7	88.2	127.0

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