

SUBMITTAL FOR CHARLOTTE PIPE® SERVICE CAST IRON SOIL PIPE AND FITTINGS

Date: _____

Job Name: _____

Location: _____

Engineer: _____

Contractor: _____

► Scope:

This specification covers Service Cast Iron pipe, fittings, and compression gaskets used in sanitary drain, waste and vent (DWV), sewer, and storm drainage applications. This system is intended for use in non-pressure applications.

► Specification:

Pipe and fittings shall comply with ASTM A 74. Compression gaskets shall comply with ASTM C 564. All pipe and fitting shall be made in the United States, and marked with the collective trademark of the Cast Iron Soil Pipe Institute, ©. Service cast iron pipe and fittings are listed by NSF® International to the UP Code.

► Installation:

Installation shall comply with the latest installation instructions published by Charlotte Pipe and Foundry Company® and shall conform to all applicable plumbing, fire, and building code requirements. The system shall be hydrostatically tested after installation to 10 ft. of head (4.3 psi maximum).

WARNING! Never test with or transport/store compressed air or gas in Cast Iron pipe or fittings. Doing so can result in explosive failures and cause severe injury or death.

► Referenced Standards:

ASTM A 74: Cast Iron Soil Pipe and Fittings

ASTM C 564: Rubber Gaskets for Cast Iron Soil Pipe and Fittings



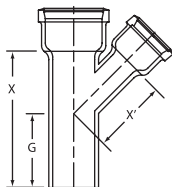
Not all fitting patterns shown

Size	PIPE - SERVICE				
	Telescoping Length Y	Hub I.D. A	O.D. J	Barrel I.D. B	Nominal Thickness T
2"	2.50	2.94	2.30	1.96	0.17
3"	2.75	3.94	3.30	2.96	0.17
4"	3.00	4.94	4.30	3.94	0.18
5"	3.00	5.94	5.30	4.94	0.18
6"	3.00	6.94	6.30	5.94	0.18
8"	3.50	9.25	8.38	7.94	0.23
10"	3.50	11.38	10.50	9.94	0.28
12"	4.24	13.50	12.50	11.94	0.28
15"	4.25	16.95	15.88	15.16	0.36

PART NO. SV 44

Wye

Size	G	X	X'	Weight
2 x 2	4	8	4	8.3
3 x 2	4 ³ / ₁₆	9	5	10.9
3 x 3	5	10 ¹ / ₂	5 ¹ / ₂	12.2
4 x 2	3 ⁵ / ₈	9	5 ³ / ₄	14.4
4 x 3	4 ⁷ / ₁₆	10 ¹ / ₂	6 ¹ / ₄	16.8
4 x 4	5 ¹ / ₄	12	6 ³ / ₄	20.3
5 x 2	3 ¹ / ₈	9	6 ¹ / ₂	15.3
5 x 3	3 ⁷ / ₈	10 ¹ / ₂	7	19.8
5 x 4	4 ¹¹ / ₁₆	12	7 ¹ / ₂	23.0
5 x 5	5 ¹ / ₂	13 ¹ / ₂	8	27.0
6 x 2	2 ⁹ / ₁₆	9	7 ¹ / ₄	19.7
6 x 3	3 ³ / ₈	10 ¹ / ₂	7 ³ / ₄	23.7
6 x 4	4 ³ / ₁₆	12	8 ¹ / ₄	26.7
6 x 5	4 ¹⁵ / ₁₆	13 ¹ / ₂	8 ³ / ₄	29.5
6 x 6	5 ³ / ₄	15	9 ¹ / ₄	36.5
8 x 2	3 ¹ / ₈	10 ¹ / ₂	8 ¹ / ₂	31.0
8 x 3	3 ¹⁵ / ₁₆	12	9	33.2
8 x 4	4 ³ / ₄	13 ¹ / ₂	9 ¹ / ₂	38.3
8 x 5	5 ¹ / ₂	15	10	41.2
8 x 6	6 ⁵ / ₁₆	16 ¹ / ₂	10 ¹ / ₂	45.4
8 x 8	7 ¹ / ₁₆	19 ¹ / ₂	11 ¹³ / ₁₆	58.4
10 x 3	2 ³ / ₄	12	10 ³ / ₄	54.0
10 x 4	3 ⁹ / ₁₆	13 ¹ / ₂	11 ¹ / ₈	55.4
10 x 5	4 ⁵ / ₁₆	15	11 ⁵ / ₈	60.6
10 x 6	5 ¹ / ₈	16 ¹ / ₂	12 ¹ / ₈	64.1
10 x 8	6 ¹ / ₂	19 ¹ / ₂	13 ⁷ / ₁₆	86.9
10 x 10	8	22 ¹ / ₂	14 ¹ / ₂	111.1
12 x 4	4 ¹ / ₈	15	12 ⁷ / ₁₆	69.7
12 x 5	4 ⁷ / ₈	16 ¹ / ₂	12 ¹⁵ / ₁₆	78.0
12 x 6	5 ¹ / ₁₆	18	13 ⁷ / ₁₆	87.7
12 x 8	7 ¹ / ₁₆	21	14 ³ / ₄	100.6
12 x 10	8 ⁹ / ₁₆	24	15 ³ / ₁₆	131.0
12 x 12	10 ¹ / ₈	27	16 ⁷ / ₈	175.2
15 x 4	6 ³ / ₈	15	15	138.5
15 x 6	4	18	15 ³ / ₄	153.6
15 x 8	5 ³ / ₈	21	17 ¹ / ₁₆	187.1
15 x 10	6 ⁷ / ₈	24	18 ¹ / ₈	225.0
15 x 12	8 ⁷ / ₁₆	27	19 ³ / ₁₆	260.0
15 x 15	(XH)	(XH)	(XH)	(XH)



(XH) Please see Extra Heavy dimensions