



Submittal Information

Project Name / Location:	
Owner:	
Engineer:	
Referenced Specs:	
Distributor / Contractor:	
Bid Date:	

NOMINAL SIZE	A DIAMETER MIN	A DIAMETER MAX	B BELL OUTER DIAMETER	C SOCKET DEPTH
3	3.90	4.02	5.80	3.00
4	4.74	4.86	6.86	3.15
6	6.84	6.96	8.75	3.38
8	8.99	9.11	11.05	3.69
10	11.04	11.16	13.15	3.75
12	13.14	13.26	15.30	3.75
14	15.22	15.35	17.85	5.00
16	17.32	17.45	20.00	5.00
18	19.42	19.55	22.10	5.00
20	21.52	21.65	24.25	5.50
24	25.72	25.85	28.50	5.95
30	31.94	32.08	35.40	6.55
36	38.24	38.38	41.84	7.00



Optional Specifications

Coating:	Asphaltic Seal Coat <i>In Accordance With ANSI/AWWA C151/A21-09</i>
	Metalized Zinc in accordance with ISO 8179 applied at 200g/m ²
	NuBlu
	Bare
	Other - Specify:
Lining:	Cement-Mortar - <i>In Accordance With ANSI/AWWA C104/A21.4</i> Single Lined Double Lined Asphalt Coating No Asphalt Coating
	Ceramic Epoxy
	Bare
	Other - Specify:
Gaskets:	Standard SBR (Buna-N) <i>In Accordance With ANSI/AWWA C111/A21.11</i>
	Other - Specify:



Compliance Standards

Thickness Design of Ductile Iron Pipe
Ductile Iron Pipe for Water and Other Liquids
Ductile-Iron Pipe for Gravity Flow Service

Coatings and Linings:

- Zinc
- Asphaltic
- Cement Lining

Joints - Pipe and Fittings

- Push-On and Mechanical Rubber-Gasket Joints
- Flanged
- ANSI B16.1
- Grooved and Shouldered

Pipe Threads

Installation

ANSI/AWWA C150/A21.50
ANSI/AWWA C151/A21.51
ANSI/ASTM A746

ISO 8179-1
ANSI/AWWA C151/A21.51
ANSI/AWWA C104/A21.4

ANSI/AWWA C111/A21.11
ANSI/AWWA C115/A21.15

ANSI/AWWA C606
ANSI/B2.1
ANSI/AWWA C600

PRESSURE CLASS | Thickness, Dimensions & Weight

SIZE	CLASS psi†	THICKNESS	CASTING TOLERANCES	18 FT LAYING LENGTH	
				WEIGHT PER LENGTH (LBS)*	AVG WEIGHT PER FOOT (LBS)**
4	350	0.25	0.05	205	11.4
6	350	0.25	0.05	300	16.6
8	350	0.25	0.05	395	22.0
10	350	0.26	0.06	510	28.4
12	350	0.28	0.06	655	36.4
14	250	0.28	0.07	770	42.9
14	300	0.30	0.07	825	45.8
14	350	0.31	0.07	850	47.2
16	250	0.30	0.07	940	52.3
16	300	0.32	0.07	1000	55.5
16	350	0.34	0.07	1060	58.8
18	250	0.31	0.07	1090	60.5
18	300	0.34	0.07	1185	65.9
18	350	0.36	0.07	1250	69.5
20	250	0.33	0.07	1290	71.6
20	300	0.36	0.07	1395	77.6
20	350	0.38	0.07	1470	81.6
24	200	0.33	0.07	1550	86.1
24	250	0.37	0.07	1725	95.8
24	300	0.40	0.07	1855	103.0
24	350	0.43	0.07	1985	110.2
30	150	0.34	0.07	2000	111.20
30	200	0.38	0.07	2220	123.20
30	250	0.42	0.07	2435	135.20
30	300	0.45	0.07	2595	144.20
30	350	0.49	0.07	2810	156.10
36	150	0.38	0.07	2675	148.70
36	200	0.40	0.07	2935	163.10
36	250	0.47	0.07	3260	181.10
36	300	0.51	0.07	3520	195.50
36	350	0.56	0.07	3840	213.40

THICKNESS CLASS | Thickness, Dimensions & Weight

SIZE	THICKNESS CLASS	THICKNESS	18 FT LAYING LENGTH	
			WEIGHT PER LENGTH (LBS)*	AVG WEIGHT PER FOOT (LBS)**
3	51	0.25	165	9.3
3	52	0.28	185	10.3
3	53	0.31	205	11.3
4	51	0.26	210	11.8
4	52	0.29	235	13.1
4	53	0.32	255	14.3
6	50	0.25	300	16.6
6	51	0.28	330	18.4
6	52	0.31	365	20.2
6	53	0.34	395	22.0
8	50	0.27	425	23.7
8	51	0.30	470	26.1
8	52	0.33	515	28.6
8	53	0.36	560	31.0
10	50	0.29	565	31.4
10	51	0.32	620	34.5
10	52	0.35	675	37.5
10	53	0.38	730	40.5
12	50	0.31	720	40.0
12	51	0.34	785	43.6
12	52	0.37	850	47.2
12	53	0.40	915	50.8
14	50	0.33	900	50.0
14	52	0.39	1050	58.4
14	53	0.42	1125	62.6
16	50	0.34	1060	58.8
16	51	0.37	1145	63.6
16	52	0.40	1230	68.4
16	53	0.43	1315	73.1
16	56	0.52	1575	87.4
18	50	0.35	1220	67.7
18	51	0.38	1315	73.1
18	52	0.41	1415	78.4
18	53	0.44	1510	83.9
20	50	0.36	1395	77.6
20	51	0.39	1505	83.6
20	52	0.42	1615	89.6
20	53	0.45	1720	95.6
24	50	0.38	1765	98.1
24	51	0.41	1895	105.4
24	52	0.44	2025	112.6
24	53	0.47	2155	119.7
30	50	0.39	2270	126.2
30	51	0.43	2490	138.2
30	52	0.47	2705	150.2
30	53	0.51	2920	162.1

Continued on page 4

THICKNESS CLASS | Thickness, Dimensions & Weight

SIZE	THICKNESS CLASS	THICKNESS	18 FT LAYING LENGTH	
			WEIGHT PER LENGTH (LBS)*	AVG WEIGHT PER FOOT (LBS)**
30	52	0.47	2705	150.2
30	53	0.51	2920	162.1
36	50	0.43	3000	166.7
36	51	0.48	3325	184.7
36	52	0.53	3645	202.6
36	53	0.58	3970	220.5

