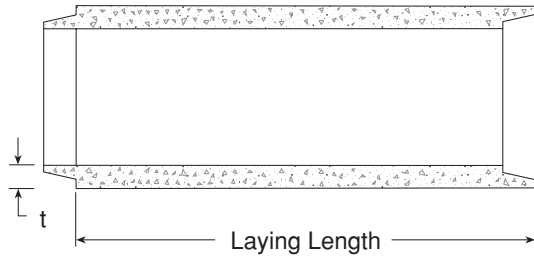
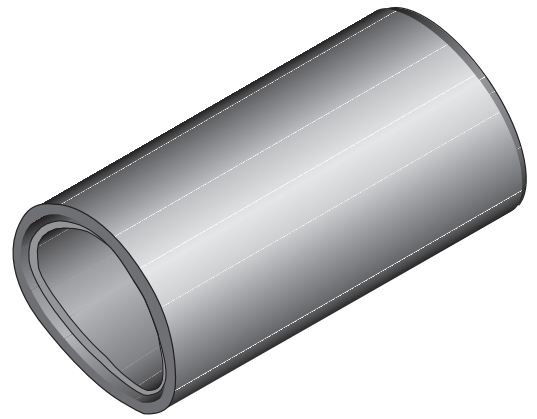


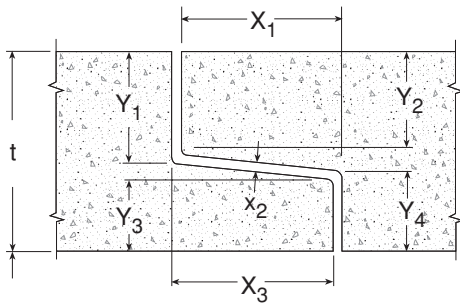
# Reinforced Concrete Pipe



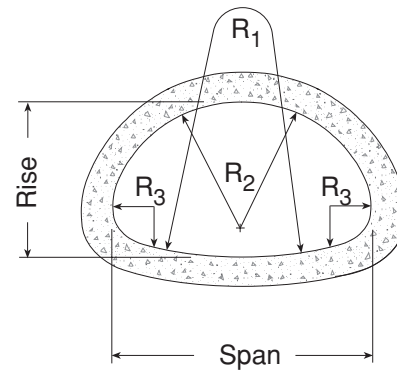
**Section**



**Isometric View**



**Tongue & Groove Joint Detail**



**End View**

**Table of Dimensions and Weights**

Nominal Span (in.)	Equiv. Dia. Size (in.)	Water Area (ft <sup>2</sup> )	Rise (in.)	Span (in.)	"t" (in.)	X <sub>1</sub> , X <sub>3</sub> (in.)	X <sub>2</sub> (in.)	Y <sub>1</sub> (in.)	Y <sub>2</sub> (in.)	Y <sub>3</sub> (in.)	Y <sub>4</sub> (in.)	R <sub>1</sub> (in.)	R <sub>2</sub> (in.)	R <sub>3</sub> (in.)	Weight (lbs./ft.)
22	18	1.7	13.5	22.0	2.5	2	.375	1.375	1.125	.75	1.00	27.5	13.75	5.25	194
20	24	2.8	18.0	28.5	1.5	3	.500	1.625	1.375	1.38	1.60	40.7	14.75	4.03	329
36	30	4.4	22.5	36.3	4.0	4	.625	1.813	1.563	1.56	1.81	51.0	18.75	5.13	485
44	36	6.4	26.5	43.8	4.5	4	.760	2.000	1.750	1.75	2.00	62.0	22.50	8.50	643
51	42	8.3	31.3	51.1	4.5	4	.760	2.000	1.750	1.76	2.00	72.0	26.25	7.75	740
55	45	11.4	38.0	58.5	5.0	5	.760	2.250	2.000	2.00	2.25	84.0	30.00	8.85	973
65	54	14.0	40.0	65.0	5.5	5	.760	2.500	2.250	2.25	2.50	92.5	33.38	10.00	1,184
73	60	17.7	45.0	73.0	6.0	5	.760	3.313	2.750	1.94	2.50	105.0	37.50	11.00	1,440
88	72	25.6	54.0	88.0	7.0	5	1.00	3.813	3.250	2.81	2.75	126.0	45.00	13.31	1,988
102	84	34.6	62.0	102.0	8.0	6	1.00	4.125	3.500	2.88	3.50	162.5	52.00	14.50	2,480
115	90	44.5	72.0	115.5	8.5	7	1.00	4.250	3.750	3.25	3.75	183.0	59.00	15.00	2,900
122	96	51.7	77.5	122.4	9.0	7	1.00	4.500	4.000	3.50	4.00	218.0	62.00	20.00	3,510
138	108	58.0	87.1	138.5	10.0	7	1.00	5.000	4.500	4.00	4.50	259.0	70.00	22.00	4,400
154	120	61.5	98.9	154.0	11.0	7	1.00	5.500	5.000	4.50	5.00	301.4	78.00	24.00	5,400
160	132	66.1	106.5	160.6	10.0	7	1.00	5.000	4.500	4.00	4.50	329.0	85.63	26.60	5,390

**Note:**

(a.) Arch Pipe manufactured according to ASTM Spec. C-506.

**-No Scale-**

All dimensions subject to allowable specification tolerances.

TITLE	NEW ENGLAND	SECTION/PAGE	DATE
18" to 132" Reinforced Concrete Arch Pipe		2.13	05-15-08

