

THEORETICAL WEIGHTS PER LINEAL FOOT FOR CEMENT MORTAR LINING							
CEMENT MORTAR LINING	O.D. SIZE	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS
		1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
	POUNDS PER LINEAL FOOT						
3.500"	2.66						
4.500"	3.42	4.20					
6.625"	5.18	6.41	7.61				
8.625"	6.83	8.48	10.09				
10.75"	8.59	10.68	12.73				
12.750"	10.25	12.75	15.22	20.08			
15.250"	12.94	16.11	19.25	25.46	31.57	37.57	48.85
17.375"	15.59	18.18	21.74	28.77	35.71	42.54	55.48
19.781"		20.70	24.06	31.88	39.59	47.20	62.10
21.781"		22.77	26.55	35.19	43.73	52.16	68.72
25.750"			31.52	41.81	52.01	52.10	81.97
31.875"			38.64	51.75	64.43	77.00	101.84
37.875"			45.92	61.69	76.85	91.90	121.71
43.875"				71.56	89.18	106.69	141.39
49.875"				81.56	99.18	116.69	151.39

AWWA C205 CEMENT MORTAR LINING THICKNESS				
PIPE SIZE	4" to 10"	11" to 23"	24" to 36"	Over 36"
COATING THICKNESS	1/4"	5/16"	3/8"	1/2"

Lining Tolerance is + 1/8" - 1/16"

THEORETICAL WEIGHTS PER LINEAL FOOT FOR CEMENT MORTAR COATING							
CEMENT MORTAR COATING	O.D. SIZE	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS
		1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"
	POUNDS PER LINEAL FOOT						
3.500"	6.44	8.25	10.14	14.17	18.51	23.18	
4.500"	8.28	10.61	13.04	18.22	23.81	29.81	
6.625"	11.80	15.01	18.32	25.26	32.61	40.36	
8.625"	15.11	19.15	23.29	31.88	40.88	50.30	
10.75"	18.63	23.55	28.57	38.92	49.68	60.86	
12.750"	21.94	27.69	33.54	45.54	57.96	70.78	
15.250"		34.42	41.61	56.30	71.42	86.91	
17.375"		38.56	46.58	62.93	79.70	96.97	
19.781"		42.70	51.55	69.55	87.98	106.83	
21.781"			56.51	76.17	96.26	116.70	
25.750"			66.45	89.48	112.81	136.62	
31.875"			81.35	109.29	137.65	166.42	
37.875"			96.26	129.16	162.49	196.21	
43.875"			111.25	149.19	187.58	226.42	
49.875"			126.03	163.97	202.36	241.20	

Nominal Diameter	AWWA Pipe Size (O.D.)
4"	4 1/2" (4.500)
6"	6 5/8" (6.625)
8"	8 5/8" (8.625)
10"	10 3/4" (10.750)
12"	12 3/4" (12.750)
14"	15 1/4" (15.250)
16"	17 3/8" (17.375)
18"	19 25/32" (19.781)
20"	21 25/32" (21.781)
24"	25 3/4" (25.750)
30"	31 7/8" (31.875)
36"	37 7/8" (37.875)
40"	41 7/8" (41.875)
42"	43 7/8" (43.875)
48"	49 7/8" (49.875)

Nominal I.D. sizes refer to Cement Lined Pipe

AWWA C205 CEMENT MORTAR COATING THICKNESS			
PIPE SIZE	4" to 12"	13" to 19"	Over 19"
COATING THICKNESS	3/4"	3/4"	3/4"

Due to AWWA C205 tolerances, weights are approximate*

Coating Tolerance is +1/8" - 0