

DIAMETER	Wall	Weight	Inside Diameter	Cross Sectional Area	Total Area of Pile	Internal Area	Internal Volume	External Coating Area
in mm	in mm	lb/ft kg/m	in mm	in ² cm ²	in ² cm ²	in ² cm ²	ft ³ /ft m ³ /m	ft ² /ft m ² /m
8 5/8 219	0.188	16.96	8.25	4.98	58.43	53.44	0.37	2.26
	4.775	25.23	209.50	32.15	376.90	344.80	0.03	0.69
	0.250	22.38	8.13	6.58	58.43	51.85	0.36	2.26
	6.350	33.31	206.40	42.44	376.90	334.50	0.03	0.69
	0.322	28.58	7.98	8.40	58.43	50.03	0.35	2.26
	8.179	42.53	202.70	54.19	376.90	322.80	0.03	0.69
	0.375	33.07	7.88	9.72	58.43	48.71	0.34	2.26
	9.525	49.22	200.00	62.71	376.90	314.20	0.03	0.69
	0.500	43.43	7.63	12.76	58.43	45.66	0.32	2.26
	12.700	64.63	193.70	82.34	376.90	294.60	0.03	0.69
	0.533	46.11	7.56	13.55	58.43	44.88	0.31	2.26
	13.538	68.61	192.00	87.42	376.90	289.50	0.03	0.69
	0.625	53.45	7.38	15.71	58.43	42.72	0.30	2.26
	15.875	79.54	187.30	101.30	376.90	275.60	0.03	0.69
9 5/8 244	0.250	25.06	9.13	7.36	72.76	65.40	0.45	2.52
	6.350	37.28	231.80	47.50	469.40	421.90	0.04	0.77
	0.312	31.06	9.00	9.13	72.76	63.63	0.44	2.52
	7.925	46.22	228.60	58.89	469.40	410.52	0.04	0.77
	0.375	37.08	8.88	10.90	72.76	61.86	0.43	2.52
	9.525	55.18	225.40	70.31	469.40	399.10	0.04	0.77
	0.500	48.77	8.63	14.33	72.76	58.43	0.41	2.52
	12.700	72.58	219.10	92.47	469.40	376.90	0.04	0.77
	0.545	52.90	8.54	15.55	72.76	57.21	0.40	2.52
10 3/4 273	0.188	21.23	10.37	6.24	90.76	84.52	0.59	2.81
	4.775	31.59	263.50	40.25	585.56	545.32	0.06	0.86
	0.250	28.06	10.25	8.25	90.76	82.52	0.57	2.81
	6.350	41.76	260.40	53.20	585.60	532.40	0.05	0.86
	0.312	34.81	10.13	10.23	90.76	80.53	0.56	2.81
	7.925	51.81	257.20	66.01	585.60	519.60	0.05	0.86
	0.375	41.59	10.00	12.22	90.76	78.54	0.55	2.81
	9.525	61.89	254.00	78.86	585.60	506.70	0.05	0.86
	0.500	54.79	9.75	16.10	90.76	74.66	0.52	2.81
	12.700	81.53	247.70	103.90	585.60	481.70	0.05	0.86
	0.593	64.39	9.56	18.92	90.76	71.84	0.50	2.81
	15.062	95.82	242.90	122.10	585.60	463.50	0.05	0.86

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12 305	0.250	31.40	11.50	9.23	113.10	103.90	0.72	3.14
	6.350	46.73	292.10	59.54	729.70	670.10	0.07	0.96
	0.312	38.98	11.38	11.46	113.10	101.60	0.71	3.14
	7.925	58.01	289.00	73.91	729.70	655.70	0.07	0.96
	0.335	41.77	11.33	12.28	113.10	100.80	0.70	3.14
	8.509	62.16	287.80	79.20	729.70	650.50	0.07	0.96
	0.375	46.60	11.25	13.70	113.10	99.40	0.69	3.14
	9.525	69.35	285.80	88.36	729.70	641.30	0.06	0.96
	0.500	61.47	11.00	18.06	113.10	95.03	0.66	3.14
	12.700	91.47	279.40	116.50	729.70	613.10	0.06	0.96
	0.625	76.00	10.75	22.33	113.10	90.76	0.63	3.14
	15.875	113.10	273.10	144.10	729.70	585.60	0.06	0.96
12 3/4 324	0.250	33.41	12.25	9.82	127.70	117.90	0.82	3.34
	6.350	49.71	311.20	63.34	823.70	760.40	0.08	1.02
	0.312	41.48	12.13	12.19	127.70	115.50	0.80	3.34
	7.925	61.73	308.00	78.65	823.70	745.10	0.08	1.02
	0.375	49.61	12.00	14.58	127.70	113.10	0.79	3.34
	9.525	73.82	304.80	94.06	823.70	729.70	0.07	1.02
	0.394	52.04	11.96	15.29	127.70	112.40	0.78	3.34
	10.008	77.44	303.80	98.67	823.70	725.00	0.07	1.02
	0.406	53.58	11.94	15.74	127.70	111.90	0.78	3.34
	10.312	79.73	303.20	101.60	823.70	722.10	0.07	1.02
	0.500	65.48	11.75	19.24	127.70	108.40	0.75	3.34
	12.700	97.44	298.50	124.10	823.70	699.60	0.07	1.02
	0.525	68.61	11.70	20.16	127.70	107.50	0.75	3.34
	13.335	102.10	297.20	130.10	823.70	693.60	0.07	1.02
	0.687	88.59	11.38	26.04	127.70	101.60	0.71	3.34
	17.450	131.80	289.00	168.00	823.70	655.70	0.07	1.02
14 356	0.219	32.26	13.56	9.48	153.90	144.50	1.00	3.67
	5.563	48.01	344.50	61.17	993.10	932.00	0.09	1.12
	0.250	36.75	13.50	10.80	153.90	143.10	0.99	3.67
	6.350	54.68	342.90	69.67	993.10	923.50	0.09	1.12
	0.312	45.65	13.38	13.42	153.90	140.50	0.98	3.67
	7.925	67.94	339.80	86.56	993.10	906.60	0.09	1.12
	0.375	54.62	13.25	16.05	153.90	137.90	0.96	3.67
	9.525	81.28	336.60	103.60	993.10	889.60	0.09	1.12
	0.438	63.50	13.12	18.66	153.90	135.30	0.94	3.67
	11.125	94.50	333.30	120.40	993.10	872.70	0.09	1.12
	0.500	72.16	13.00	21.21	153.90	132.70	0.92	3.67
	12.700	107.40	330.20	136.80	993.10	856.30	0.09	1.12
	0.625	89.36	12.75	26.26	153.90	127.70	0.89	3.67
	15.875	133.00	323.90	169.40	993.10	823.70	0.08	1.12

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16 406	0.219	36.95	15.56	10.86	201.10	190.20	1.32	4.19
	5.563	54.98	395.30	70.05	1297.00	1227.00	0.12	1.28
	0.250	42.09	15.50	12.37	201.10	188.70	1.31	4.19
	6.350	62.64	393.70	79.81	1297.00	1217.00	0.12	1.28
	0.312	52.32	15.38	15.38	201.10	185.70	1.29	4.19
	7.925	77.86	390.60	99.21	1297.00	1198.00	0.12	1.28
	0.375	62.64	15.25	18.41	201.06	182.65	1.27	4.19
	9.525	93.22	387.35	118.76	1297.17	1178.41	0.12	1.28
	0.406	67.68	15.19	19.89	201.10	181.20	1.26	4.19
	10.312	100.70	385.80	128.30	1297.00	1169.00	0.12	1.28
	0.500	82.85	15.00	24.35	201.10	176.70	1.23	4.19
	12.700	123.30	381.00	157.10	1297.00	1140.00	0.11	1.28
	0.625	102.70	14.75	30.19	201.10	170.90	1.19	4.19
	15.875	152.90	374.70	194.80	1297.00	1102.00	0.11	1.28
18 457	0.250	47.44	17.50	13.94	254.50	240.50	1.67	4.71
	6.350	70.59	444.50	89.94	1642.00	1552.00	0.16	1.44
	0.312	59.00	17.38	17.34	254.50	237.10	1.65	4.71
	7.925	87.79	441.40	111.90	1642.00	1530.00	0.15	1.44
	0.375	70.66	17.25	20.76	254.50	233.71	1.62	4.71
	9.525	105.10	438.20	134.00	1642.00	1508.00	0.15	1.44
	0.500	93.54	17.00	27.49	254.50	227.00	1.58	4.71
	12.700	139.20	431.80	177.30	1642.00	1464.00	0.15	1.44
	0.625	116.10	16.75	34.12	254.50	220.40	1.53	4.71
	15.875	172.80	425.50	220.10	1642.00	1422.00	0.14	1.44
20 508	0.250	52.78	19.50	15.51	314.20	298.70	2.07	5.24
	6.350	78.55	495.30	100.10	2027.00	1927.00	0.19	1.60
	0.312	65.67	19.38	19.30	314.20	294.90	2.05	5.24
	7.925	97.72	492.20	124.50	2027.00	1902.00	0.19	1.60
	0.375	78.67	19.25	23.12	314.20	291.00	2.02	5.24
	9.525	117.10	489.00	149.20	2027.00	1878.00	0.19	1.60
	0.500	104.20	19.00	30.63	314.20	283.50	1.97	5.24
	12.700	155.10	482.60	197.60	2027.00	1829.00	0.18	1.60
	0.625	129.50	18.75	38.04	314.20	276.10	1.92	5.24
	15.875	192.60	476.30	245.40	2027.00	1781.00	0.18	1.60

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24 610	0.250	63.47	23.50	18.65	452.40	433.70	3.01	6.28
	6.350	94.46	596.90	120.30	2919.00	2798.00	0.28	1.92
	0.312	79.01	23.38	23.22	452.40	429.20	2.98	6.28
	7.925	117.60	593.80	149.80	2919.00	2769.00	0.28	1.92
	0.375	94.71	23.25	27.83	452.40	424.60	2.95	6.28
	9.525	140.90	590.60	179.60	2919.00	2739.00	0.27	1.92
	0.500	125.60	23.00	36.91	452.40	415.50	2.89	6.28
	12.700	186.90	584.20	238.20	2919.00	2680.00	0.27	1.92
	0.625	156.20	22.75	45.90	452.40	406.50	2.82	6.28
	15.875	232.40	577.90	296.11	2919.00	2623.00	0.26	1.92
	0.750	186.40	22.50	54.78	452.40	397.60	2.76	6.28
	19.050	277.40	571.50	353.40	2919.00	2565.00	0.26	1.92
	0.875	216.30	22.25	63.57	452.40	388.80	2.70	6.28
	22.225	321.90	565.20	410.10	2919.00	2509.00	0.25	1.92
	1.000	245.90	22.00	72.26	452.40	380.10	2.64	6.28
	25.400	365.90	558.80	466.20	2919.00	2452.00	0.25	1.92
30 762	0.250	79.50	29.50	23.37	706.90	683.50	4.75	7.85
	6.350	118.30	749.30	150.80	4560.00	4410.00	0.44	2.39
	0.312	99.00	29.38	29.10	706.90	677.80	4.71	7.85
	7.925	147.30	746.20	187.70	4560.00	4373.00	0.44	2.39
	0.375	118.80	29.25	34.90	706.90	672.00	4.67	7.85
	9.525	176.70	743.00	225.20	4560.00	4335.00	0.43	2.39
	0.500	157.70	29.00	46.34	706.90	660.50	4.59	7.85
	12.700	234.60	736.60	299.00	4560.00	4261.00	0.43	2.39
	0.625	196.30	28.75	57.68	706.90	649.20	4.51	7.85
	15.875	292.10	730.30	372.10	4560.00	4188.00	0.42	2.39
	0.750	234.50	28.50	68.92	706.90	637.90	4.43	7.85
	19.050	349.00	723.90	444.60	4560.00	4116.00	0.41	2.39
	0.875	272.40	28.25	80.06	706.90	626.80	4.35	7.85
	22.225	405.40	717.60	516.50	4560.00	4044.00	0.40	2.39
	1.000	310.00	28.00	91.11	706.90	615.80	4.28	7.85
	25.400	461.30	711.20	587.80	4560.00	3973.00	0.40	2.39

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36 914	0.250	95.50	35.50	28.08	1018.00	989.80	6.87	9.42
	6.350	142.19	901.70	181.20	6567.00	6386.00	0.64	2.87
	0.312	119.00	35.38	34.98	1018.00	982.90	6.83	9.42
	7.925	177.10	898.55	225.70	6567.00	6341.00	0.63	2.87
	0.375	142.80	35.25	41.97	1018.00	975.90	6.78	9.43
	9.525	212.50	895.40	270.80	6567.00	6296.00	0.63	2.87
	0.500	189.80	35.00	55.76	1018.00	962.10	6.68	9.43
	12.700	282.40	889.00	359.80	6567.00	6207.00	0.62	2.87
	0.625	236.40	34.75	69.46	1018.00	948.40	6.59	9.43
	15.875	351.70	882.70	448.10	6567.00	6119.00	0.61	2.87
	0.750	282.60	34.50	83.06	1018.00	934.80	6.49	9.43
	19.050	420.60	876.30	535.80	6567.00	6031.00	0.60	2.87
	0.875	328.60	34.25	96.55	1018.00	921.30	6.40	9.43
	22.225	488.90	870.00	622.90	6567.00	5944.00	0.59	2.87
	1.000	374.20	34.00	110.00	1018.00	907.90	6.31	9.43
	25.400	556.80	863.60	709.40	6567.00	5858.00	0.59	2.87
42 1067	0.250	111.58	41.50	32.79	1385.00	1353.00	9.39	11.00
	6.350	166.10	1054.00	211.60	8938.00	8727.00	0.87	3.35
	0.375	166.90	41.25	49.04	1385.00	1336.00	9.28	11.00
	9.525	248.30	1048.00	316.40	8938.00	8622.00	0.86	3.35
	0.500	221.80	41.00	65.19	1385.00	1320.00	9.17	11.00
	12.700	330.10	1041.00	420.60	8938.00	8518.00	0.85	3.35
	0.625	276.40	40.75	81.24	1385.00	1304.00	9.06	11.00
	15.875	411.40	1035.00	524.10	8938.00	8414.00	0.84	3.35
	0.750	330.70	40.50	97.19	1385.00	1288.00	8.95	11.00
	19.050	492.20	1029.00	627.10	8938.00	8311.00	0.83	3.35
	0.875	384.70	40.25	113.00	1385.00	1272.00	8.84	11.00
	22.225	572.40	1022.00	729.30	8938.00	8209.00	0.82	3.35
	1.000	438.30	40.00	128.80	1385.00	1257.00	8.73	11.00
	25.400	652.20	1016.00	831.00	8938.00	8107.00	0.81	3.35

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48 1219	0.375	190.90	47.25	56.11	1810.00	1753.00	12.18	12.57
	9.525	284.10	1200.00	362.00	11670.00	11310.00	1.13	3.83
	0.500	253.90	47.00	74.61	1810.00	1735.00	12.05	12.57
	12.700	377.80	1194.00	481.40	11670.00	11190.00	1.12	3.83
	0.625	316.50	46.75	93.02	1810.00	1717.00	11.92	12.57
	15.875	471.00	1187.00	600.10	11670.00	11070.00	1.11	3.83
	0.750	378.80	46.50	111.30	1810.00	1698.00	11.79	12.57
	19.050	563.70	1181.00	718.30	11670.00	10960.00	1.10	3.83
	0.875	440.80	46.25	129.50	1810.00	1680.00	11.67	12.57
	22.225	656.00	1175.00	835.80	11670.00	10840.00	1.08	3.83
	1.000	502.40	46.00	147.70	1810.00	1662.00	11.54	12.57
	25.400	747.70	1168.00	952.60	11670.00	10720.00	1.07	3.83
	1.250	624.70	45.50	183.60	1810.00	1626.00	11.29	12.57
	31.750	929.60	1156.00	1184.00	11670.00	10490.00	1.05	3.83
	1.375	685.30	45.25	201.40	1810.00	1608.00	11.17	12.57
	34.925	1020.00	1149.00	1299.00	11670.00	10380.00	1.04	3.83