

Pipes

Pipe piles are applied in various constructions. Some examples: they can be used as foundation piles to support bridges, buildings or other structures onshore and offshore, as a pipe line to transport fluids in or as pipe anchor. We can deliver in various thicknesses, diameters and steel grades. On request we apply coating, weld on interlocks (for combined walls) or modify the pipes to your specific requirements.

Outside Diameter	PIPE WEIGHT LBS/FT - KG/M • Wall Thickness						
	0.250	0.312	0.375	0.500	0.625	0.750	1.00
inch							
mm							
20	52.8	65.7	78.7	104.2	129.5	-	-
508	78.6	97.7	117.1	155.11	192.6	-	-
24	63.5	79.0	94.7	125.6	156.2	186.4	-
610	94.5	117.6	140.9	186.9	232.4	277.4	-
30	79.5	99.0	118.8	157.7	196.3	234.5	310.0
762	118.3	147.4	176.7	234.7	292.1	349.0	461.4
36	95.6	119.0	142.8	189.8	236.4	282.6	374.2
914	142.2	177.1	212.5	282.4	351.7	420.6	556.8
42	111.6	139.0	166.9	221.8	276.4	330.7	438.3
1067	116.1	206.9	248.3	330.1	411.4	492.2	652.3
48	127.6	159.1	190.9	253.9	316.5	378.8	502.4
1219	189.9	236.7	284.1	377.8	471.0	563.8	747.7
60	-	-	239.0	318.0	396.7	475.0	630.7
1524	-	-	355.9	473.3	590.4	706.9	938.6

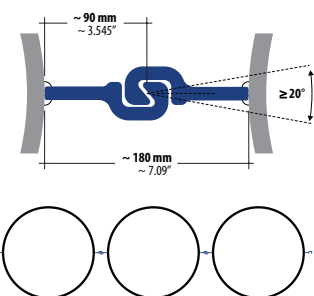
Pipe Weight Calculation	Pipe Weight Calculation
LB / FT = (OD-WT) * WT (*10,69)	KG / M = (OD-WT) * WT (*0.02466)

Micro piles (threaded casings)

Micro piles are treaded small diameter pipe piles. They are also known as treaded casings or mini piles. Because of the short length and the treading they are suitable for foundation constructions with limited access. Micro piles can also be installed by drilling them into the ground instead of vibrating to protect surrounding structures. With a drill bit connected on the end of a micro pile they also used for anchoring purposes: as a casing to install GTB bar anchors or as Screw injection pile with a drill head at the top that enables adding grout cement.

Outside Diameter	Thickness	Weight	Section modules	Moment of inertia	Inside Diameter	Cross Sectional Area	External Surface Area
inch	Inch	lbs/ft	in ³	in ⁴ /ft	inch	in ³	ft ² /ft
mm	mm	kg/m	cm ³	cm ⁴ /m	mm	cm ³	m ² /m
5.500	0.415	22.6	7.84	21.57	4.670	6.63	1.44
139.7	10.5	33.5	129	898	118.6	42.77	0.44
7.000	0.453	31.7	14.33	50.16	6.094	9.32	1.83
177.8	11.5	47.2	235	2088	154.8	60.11	0.56
7.625	0.430	33.1	16.56	63.12	6.765	9.72	2.00
193.7	10.9	49.2	271	2727	171.8	62.71	0.61
8.625	0.500	38.1	18.72	71.37	6.625	11.19	2.10
219.1	12.7	56.7	307	2971	168.3	72.21	0.63
9.625	0.545	52.9	33.41	160.80	8.535	15.55	2.52
244.5	13.8	78.7	548	6693	216.8	100.3	0.77
10.750	0.500	54.8	39.43	211.95	9.750	16.10	2.81
273.1	12.7	81.5	646	8822	247.7	103.9	0.86
13.375	0.480	66.2	60.52	404.73	12.415	19.45	3.50
339.7	12.2	98.5	992	16846	315.3	125.5	1.07

Pipe pile wall



Pipe Pile Diameter x WT	Connector 2 pcs	Section Modules	Moment of Inertia	System Width	Weight Pipe	Weight Wall	Coating both sides
inch mm	per pipe	in ³ /ft cm ³ /m	in ⁴ /ft cm ⁴ /m	inch mm	lbs/ft kg/m	lbs /ft ² kg/m ²	ft ² /ft m ² /m
36 x 0.500		135.9	2,446	43.10	189.8	58.5	10.61
914 x 12.7	LPB 180	7.307	334.059	1.094	282.4	285.7	3.2
36 x 0.750		199.6	3,593	43.10	282.6	84.4	10.61
914 x 19.1	LPB 180	10.733	490.701	1.094	420.6	411.9	3.2
42 x 0.750		240.7	5,054	49.10	330.7	85.8	12.18
1067 x 19.1	LPB 180	12.939	690.167	1.247	492.2	419.0	3.7
48 x 0.750		282.0	6,768	55.10	378.8	86.9	13.75
1219 x 19.1	LPB 180	15.161	924.237	1.399	563.8	424.5	4.2