

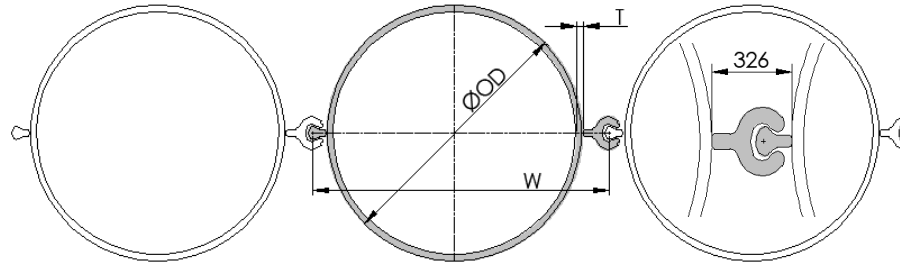


O-Pile® systems are available for immediate shipment, these are examples from an endless variety of possible O-Pile®, please configure your own system on O-Pile.com.

KEY: O-Pile 50 - 936

(50 = Section Modulus in cm³/m)

(936 = System Width in mm)



**Data Sheet**

\* The average weight (per square unit of wall) is usually the most relevant calculation for comparing piling solution costs of the acceptable bending moment, assuming equal or greater minimum thickness of the sheet pile section.

SECTION	Pipe		system width	PER UNIT OF WALL							bending moment / MEL					
	OD	thickness		section modulus	interlock strength	min thickness	moment of inertia	weight : connector ratio *								
	in	in		in³/ft	k/ft	in	in⁴/ft	lb/ft²			k · ft/ft					
	mm	mm		cm³/m	kN/m	mm	cm⁴/m	50%	75%	100%	kg/m²	kN · m/m				
										grade 50	60	65	X70	X80	A690	
O-Pile 28 - 936	24	.375	36.8	52.7	20	.375	632.8	35.3	37.5	39.7	219.7	263.7	286.9	308.9	351.5	219.7
	610	9.52	936	2835	3418	9.52	86409	172.1	182.9	193.6	977	1173	1276	1374	1564	977
O-Pile 35 - 936	24	.472	36.8	65.6	20	.472	787.5	43.1	45.3	47.5	273.4	328.1	357.1	384.4	437.5	273.4
	610	12	936	3528	3418	12	107537	210.5	221.2	232.0	1216	1460	1588	1710	1946	1216
O-Pile 37 - 936	24	.50	36.8	69.2	20	.472	830.5	45.3	47.5	49.7	288.4	346.1	376.6	405.5	461.4	288.4
	610	12.7	936	3721	3418	12	113416	221.3	232.0	242.8	1283	1539	1675	1804	2052	1283
O-Pile 38 - 1088	30	.375	42.8	71.5	20	.375	1072.8	37.1	39.0	40.8	298.0	357.6	389.2	419.0	476.8	298.0
	762	9.52	1088	3845	3418	9.52	146501	180.9	190.2	199.4	1326	1591	1731	1864	2121	1326
O-Pile 41 - 936	24	.551	36.8	75.8	20	.472	909.7	49.4	51.6	53.8	315.9	379.0	412.5	444.1	505.4	315.9
	610	14	936	4076	3418	12	124223	241.3	252.0	262.7	1405	1686	1835	1975	2248	1405
O-Pile 46 - 936	24	.625	36.8	85.2	20	.472	1022.0	55.3	57.5	59.7	354.8	425.8	463.4	498.9	567.8	354.8
	610	15.88	936	4579	3418	12	139556	269.9	280.7	291.4	1578	1894	2061	2219	2525	1578
O-Pile 48 - 1088	30	.472	42.8	89.2	20	.472	1338.4	45.6	47.5	49.4	371.8	446.1	485.5	522.7	594.9	371.8
	762	12	1088	4797	3418	12	182771	222.5	231.7	240.9	1654	1985	2160	2325	2646	1654
O-Pile 49 - 1240	36	.375	48.8	90.9	20	.375	1636.3	38.4	40.1	41.7	378.8	454.5	494.7	532.6	606.0	378.8
	914	10	1240	4887	3418	10	223448	187.6	195.7	203.8	1685	2022	2200	2369	2696	1685
O-Pile 51 - 1088	30	.50	42.8	94.2	20	.472	1412.6	48.0	49.9	51.7	392.4	470.9	512.5	551.7	627.8	392.4
	762	12.7	1088	5063	3418	12	192898	234.2	243.4	252.6	1745	2094	2279	2454	2793	1745
O-Pile 54 - 936	24	.750	36.8	100.6	20	.472	1207.2	65.1	67.3	69.5	419.2	503.0	547.4	589.3	670.7	419.2
	610	19.05	936	5408	3418	12	164849	318.0	328.7	339.5	1864	2237	2435	2621	2983	1864
O-Pile 56 - 1088	30	.551	42.8	103.3	20	.472	1549.2	52.4	54.3	56.2	430.3	516.4	562.0	605.0	688.5	430.3
	762	14	1088	5553	3418	12	211551	255.8	265.1	274.3	1914	2297	2500	2691	3063	1914
O-Pile 60 - 1393	42	.375	54.8	110.7	20	.375	2324.4	39.5	41.0	42.4	461.2	553.4	602.3	648.4	737.9	461.2
	1067	9.52	1393	5951	3418	9.52	317421	192.7	199.9	207.2	2051	2462	2679	2884	3282	2051

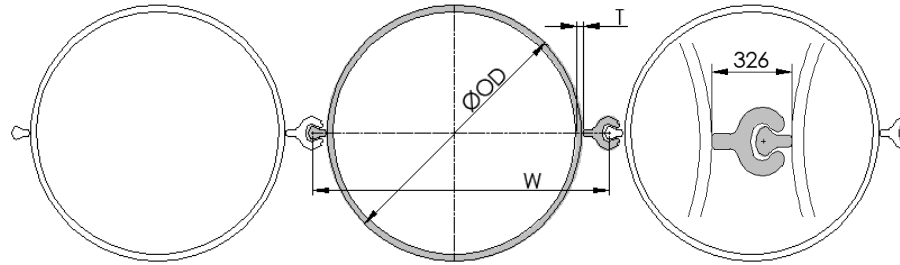


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(936 = System Width in mm)



### Data Sheet

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SECTION	Pipe		system width	section modulus	interlock strength	min thickness	moment of inertia	weight : connector ratio *			bending moment / MEL					
	OD	thickness						lb/ft²								
	in	in						kg/m²								
	mm	mm						50%	75%	100%	grade 50	60	65	X70	X80	A690
O-Pile 61 - 1240	36	.472	48.8	113.6	20	.472	2044.7	47.4	49.1	50.7	473.3	568.0	618.2	665.5	757.3	473.3
	914	12	1240	6107	3418	12	279224	231.5	239.6	247.7	2105	2526	2750	2960	3369	2105
O-Pile 62 - 1088	30	.625	42.8	116.2	20	.472	1743.6	58.8	60.7	62.6	484.3	581.2	632.6	681.0	775.0	484.3
	762	15.88	1088	6250	3418	12	238109	286.9	296.2	305.4	2154	2585	2814	3029	3447	2154
O-Pile 64 - 1240	36	.50	48.8	119.9	20	.472	2159.0	50.0	51.6	53.3	499.8	599.7	652.7	702.7	799.6	499.8
	914	12.7	1240	6449	3418	12	294832	243.9	252.0	260.1	2223	2668	2903	3126	3557	2223
O-Pile 71 - 1240	36	.551	48.8	131.7	20	.472	2369.8	54.7	56.3	58.0	548.6	658.3	716.4	771.3	877.7	548.6
	914	14	1240	7078	3418	12	323622	266.8	274.9	283.0	2440	2928	3187	3431	3904	2440
O-Pile 74 - 1393	42	.472	54.8	138.5	20	.472	2908.0	48.9	50.3	51.8	577.0	692.4	753.6	811.3	923.2	577.0
	1067	12	1393	7445	3418	12	397117	238.5	245.8	253.0	2567	3080	3352	3609	4107	2567
O-Pile 74 - 1088	30	.750	42.8	137.8	20	.472	2066.2	69.5	71.4	73.3	573.9	688.7	749.6	807.0	918.3	573.9
	762	19.05	1088	7406	3418	12	282157	339.3	348.5	357.7	2553	3064	3334	3590	4085	2553
O-Pile 79 - 1393	42	.50	54.8	146.3	20	.472	3071.6	51.5	53.0	54.5	609.4	731.3	795.9	856.9	975.1	609.4
	1067	12.7	1393	7864	3418	12	419453	251.5	258.7	265.9	2711	3253	3540	3812	4337	2711
O-Pile 80 - 1240	36	.625	48.8	148.4	20	.472	2670.7	61.4	63.1	64.7	618.2	741.9	807.4	869.2	989.1	618.2
	914	15.88	1240	7977	3418	12	364702	299.8	307.9	316.0	2750	3300	3591	3866	4400	2750
O-Pile 86 - 1393	42	.551	54.8	160.7	20	.472	3373.6	56.4	57.9	59.4	669.4	803.2	874.2	941.1	1071.0	669.4
	1067	14	1393	8637	3418	12	460695	275.4	282.6	289.8	2977	3573	3889	4186	4764	2977
O-Pile 93 - 1545	48	.50	60.8	173.0	20	.472	4151.4	52.8	54.1	55.4	720.7	864.9	941.3	1013.3	1153.2	720.7
	1219	12.7	1545	9300	3418	12	566903	257.6	264.1	270.6	3206	3847	4187	4508	5129	3206
O-Pile 95 - 1240	36	.750	48.8	176.2	20	.472	3171.4	72.8	74.4	76.1	734.1	880.9	958.8	1032.2	1174.6	734.1
	914	19.05	1240	9472	3418	12	433080	355.3	363.4	371.5	3266	3919	4265	4591	5225	3266
O-Pile 97 - 1393	42	.625	54.8	181.2	20	.472	3805.2	63.5	64.9	66.4	755.0	906.0	986.0	1061.5	1208.0	755.0
	1067	15.88	1393	9742	3418	12	519636	309.8	317.0	324.3	3358	4030	4386	4722	5373	3358

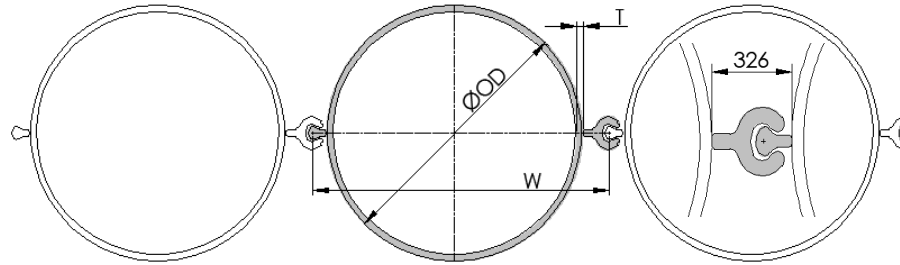


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SECTION	Pipe		system width	PER UNIT OF WALL				weight : connector ratio *			bending moment / MEL					
	OD	thickness		section modulus	interlock strength	min thicknss	moment of inertia	lb/ft²								
	in	in		in³/ft	k/ft	in	in⁴/ft	kg/m²								
	mm	mm		cm³/m	kN/m	mm	cm⁴/m	50%	75%	100%	grade 50	60	65	X70	X80	A690
O-Pile 108 - 1698	54	.50	66.8	200.0	20	.472	5398.9	53.8	55.0	56.2	833.2	999.8	1088.1	1171.4	1333.1	833.2
	1372	12.7	1698	10751	3418	12	737274	262.5	268.5	274.4	3706	4447	4840	5211	5930	3706
O-Pile 115 - 1545	48	.625	60.8	214.5	20	.472	5148.7	65.1	66.4	67.8	893.9	1072.6	1167.4	1256.8	1430.2	893.9
	1219	15.88	1545	11534	3418	12	703094	317.9	324.4	330.9	3976	4771	5193	5590	6362	3976
O-Pile 116 - 1393	42	.750	54.8	215.5	20	.472	4525.5	75.3	76.8	78.3	897.9	1077.5	1172.7	1262.5	1436.7	897.9
	1067	19.05	1393	11586	3418	12	617992	367.8	375.1	382.3	3994	4793	5216	5616	6391	3994
O-Pile 133 - 1698	54	.625	66.8	248.2	20	.472	6701.8	66.5	67.7	68.9	1034.2	1241.1	1350.7	1454.1	1654.8	1034.2
	1372	15.88	1698	13345	3418	12	915193	324.5	330.4	336.3	4600	5521	6008	6468	7361	4600
O-Pile 137 - 1545	48	.750	60.8	255.4	20	.472	6130.1	77.4	78.7	80.1	1064.3	1277.1	1389.9	1496.3	1702.8	1064.3
	1219	19.05	1545	13732	3418	12	837117	377.9	384.4	390.9	4734	5681	6183	6656	7574	4734
O-Pile 159 - 1698	54	.750	66.8	295.8	20	.472	7986.3	79.1	80.3	81.5	1232.5	1478.9	1609.6	1732.8	1971.9	1232.5
	1372	19.05	1698	15903	3418	12	1090600	386.1	392.1	398.0	5482	6579	7160	7708	8772	5482