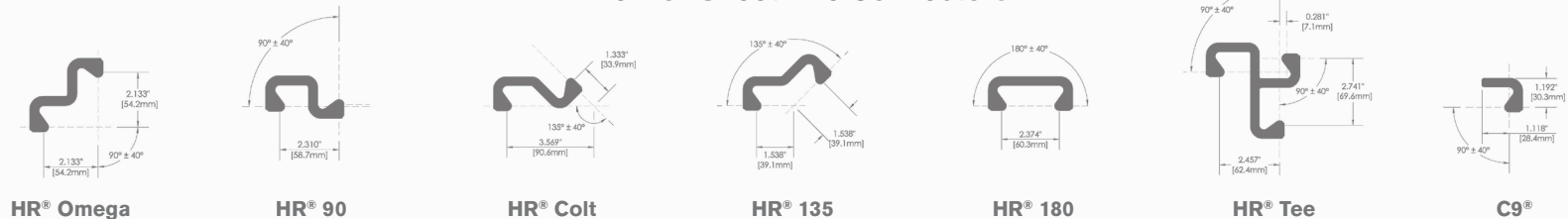


OZ HR[®]

sheet-pile.com/oz

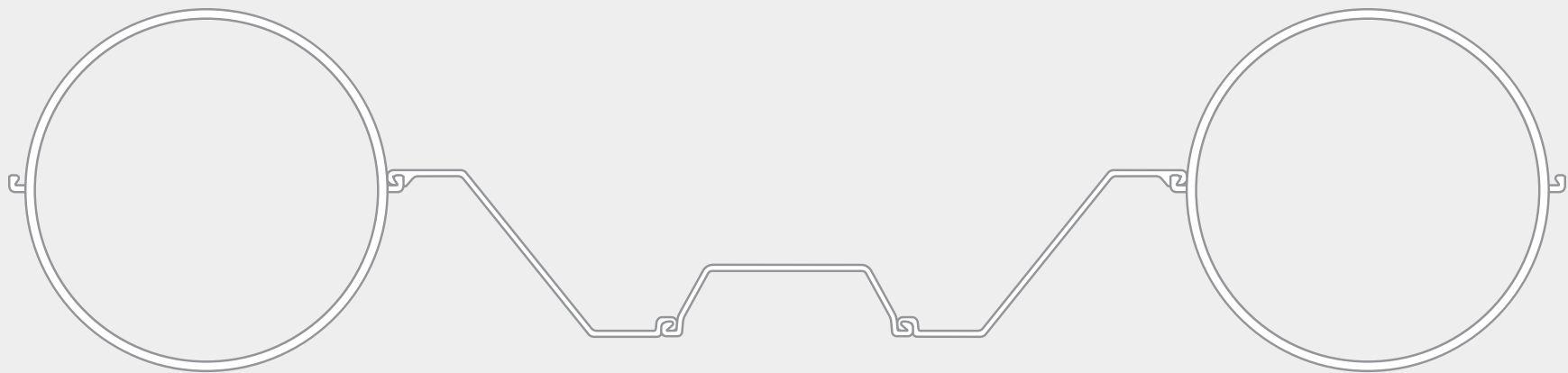
PilePro[®] Sheet Pile Connectors



Sheet Pile LLC is the owner and assignee of US 7,390,145, related to these connectors.

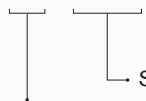


Configuration A1



SECTION NAME:

78 - 2527



Section width in mm

Section modulus (elastic) in $\text{cm}^3/\text{m} \div 100$

These are examples from a large variety of possible OZ® solutions.

Please configure your own system on sheet-pile.com/oz

Sheet Pile LLC is the owner and assignee of numerous patents and trademarks related to the OZ® system, including, but not limited to, United States Patent Nos. 8,088,469, 8,323,765, and 7,935,406.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
27-3206	OZ®	50.4	126.22	0.394	40	25.1	28.1	31.2	1008.2	14.03	28.25	A1
		2710.3	3206	10	1016	122.3	137.3	152.3	137683.1	4.28	8.61	
27-3104	OZ®	50.8	122.22	0.472	36	27.1	30.3	33.5	915	13.51	27.21	A1
		2733.1	3104.4	12	914	132.4	147.9	163.4	124955.5	4.12	8.29	
28-3155	OZ®	51.4	124.22	0.438	38	26.3	29.4	32.6	976.2	13.77	27.73	A1
		2762.3	3155.2	11.112	965	128.5	143.7	159	133307.2	4.2	8.45	
28-3257	OZ®	51.8	128.22	0.375	42	24.7	27.7	30.7	1087.5	14.29	28.78	A1
		2784.2	3256.8	9.525	1066	120.5	135.2	150	148509.6	4.36	8.77	
28-2901	OZ®	52.2	114.22	0.75	28	33.1	36.5	39.9	731.5	12.46	25.11	A1
		2809.1	2901.2	19.05	711	161.7	178.3	194.8	99892.8	3.8	7.65	
28-2800	OZ®	52.5	110.22	1	24	37.3	40.8	44.3	629.9	11.93	24.07	A1
		2822.1	2799.6	25.4	609	182.2	199.3	216.5	86016.6	3.64	7.34	
29-3104	OZ®	53.4	122.22	0.5	36	28.1	31.3	34.5	960.7	13.51	27.21	A1
		2869.5	3104.4	12.7	914	137.4	152.8	168.3	131191.5	4.12	8.29	
29-2952	OZ®	53.7	116.22	0.688	30	32.2	35.6	38.9	805.6	12.72	25.64	A1
		2887.4	2952	17.462	762	157.4	173.7	190	110008.1	3.88	7.81	
29-3257	OZ®	54.1	128.22	0.394	42	25.5	28.5	31.5	1135.7	14.29	28.78	A1
		2907.5	3256.8	10	1066	124.3	139	153.7	155088.1	4.36	8.77	
29-3054	OZ®	54.4	120.22	0.562	34	29.7	33	36.2	924.2	13.24	26.68	A1
		2922.8	3053.6	14.288	863	145.2	160.9	176.6	126208.4	4.04	8.13	
29-3003	OZ®	54.4	118.22	0.625	31	31.1	34.4	37.7	871.1	12.98	26.16	A1
		2927.1	3002.8	15.875	812	151.9	167.9	183.9	118958	3.96	7.97	
30-3155	OZ®	54.9	124.22	0.472	38	27.7	30.8	33.9	1043.8	13.77	27.73	A1
		2953.6	3155.2	12	965	135.1	150.3	165.5	142543.1	4.2	8.45	
30-3206	OZ®	55.3	126.22	0.438	40	26.8	29.9	32.9	1106.5	14.03	28.25	A1
		2974.4	3206	11.112	1016	130.8	145.8	160.8	151102	4.28	8.61	
30-3308	OZ®	55.4	130.22	0.375	43	25	28	31	1218.8	14.55	29.3	A1
		2978.4	3307.6	9.525	1117	122.2	136.8	151.3	166434.6	4.44	8.93	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
30-2901	OZ®	55.7	114.22	0.812	28	35	38.4	41.8	779.1	12.46	25.11	A1
		2992.1	2901.2	20.638	711	170.8	187.4	203.9	106399.4	3.8	7.65	
31-2952	OZ®	57.6	116.22	0.75	30	34.2	37.5	40.9	864.6	12.72	25.64	A1
		3099	2952	19.05	762	167	183.3	199.6	118071.8	3.88	7.81	
31-3155	OZ®	57.7	124.22	0.5	38	28.7	31.8	35	1096.9	13.77	27.73	A1
		3103.8	3155.2	12.7	965	140.2	155.4	170.6	149790.8	4.2	8.45	
31-3308	OZ®	57.9	130.22	0.394	43	25.8	28.8	31.8	1273.5	14.55	29.3	A1
		3112.1	3307.6	10	1117	126.1	140.7	155.2	173901.6	4.44	8.93	
32-3003	OZ®	58.9	118.22	0.688	31	33.2	36.5	39.7	943.1	12.98	26.16	A1
		3169	3002.8	17.462	812	162	178	194	128789.8	3.96	7.97	
32-2901	OZ®	59	114.22	0.875	28	36.8	40.2	43.6	826.1	12.46	25.11	A1
		3172.5	2901.2	22.225	711	179.8	196.4	212.9	112814.4	3.8	7.65	
32-3104	OZ®	59.1	122.22	0.562	36	30.4	33.6	36.8	1063.5	13.51	27.21	A1
		3176.4	3104.4	14.288	914	148.6	164	179.5	145225.5	4.12	8.29	
32-3206	OZ®	59.2	126.22	0.472	40	28.2	31.3	34.3	1184.4	14.03	28.25	A1
		3183.9	3206	12	1016	137.6	152.6	167.6	161742.7	4.28	8.61	
32-3257	OZ®	59.4	128.22	0.438	42	27.3	30.3	33.3	1248	14.29	28.78	A1
		3195.1	3256.8	11.112	1066	133.1	147.8	162.6	170426.5	4.36	8.77	
32-3054	OZ®	59.5	120.22	0.625	34	31.9	35.1	38.4	1010.8	13.24	26.68	A1
		3196.6	3053.6	15.875	863	155.9	171.6	187.3	138027.6	4.04	8.13	
33-2952	OZ®	61.5	116.22	0.812	30	36.2	39.5	42.8	922.9	12.72	25.64	A1
		3307.9	2952	20.638	762	176.6	192.9	209.2	126030.5	3.88	7.81	
33-3206	OZ®	62.3	126.22	0.5	40	29.3	32.3	35.4	1245.6	14.03	28.25	A1
		3348.3	3206	12.7	1016	142.9	157.9	172.9	170094.8	4.28	8.61	
34-2901	OZ®	62.3	114.22	0.938	28	38.7	42.1	45.4	872.4	12.46	25.11	A1
		3350.3	2901.2	23.812	711	188.8	205.3	221.9	119138.3	3.8	7.65	
34-3409	OZ®	63	134.22	0.375	48	25.7	28.6	31.5	1511.6	15.08	30.35	A1
		3386.1	3409.2	9.525	1219	125.6	139.7	153.8	206416.2	4.6	9.25	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
01 34-3003	OZ®	63.4	118.22	0.75	31	35.3	38.5	41.8	1014.2	12.98	26.16	A1
02		3408	3002.8	19.05	812	172.2	188.2	204.1	138501.7	3.96	7.97	
03 34-3257	OZ®	63.7	128.22	0.472	42	28.7	31.7	34.7	1337.1	14.29	28.78	A1
04		3423.2	3256.8	12	1066	140.1	154.8	169.6	182592.4	4.36	8.77	
05 34-3308	OZ®	63.7	130.22	0.438	43	27.7	30.7	33.6	1401	14.55	29.3	A1
06		3423.7	3307.6	11.112	1117	135.2	149.8	164.3	191313.9	4.44	8.93	
07 34-3155	OZ®	64	124.22	0.562	38	31.1	34.2	37.3	1216.4	13.77	27.73	A1
08		3441.9	3155.2	14.288	965	151.8	167.1	182.3	166108.3	4.2	8.45	
09 35-3054	OZ®	64.5	120.22	0.688	34	34.1	37.3	40.5	1096.3	13.24	26.68	A1
10		3467.2	3053.6	17.462	863	166.5	182.2	198	149712.1	4.04	8.13	
11 35-3104	OZ®	64.7	122.22	0.625	36	32.7	35.9	39	1165.1	13.51	27.21	A1
12		3480.1	3104.4	15.875	914	159.7	175.2	190.7	159109	4.12	8.29	
13 35-2952	OZ®	65.4	116.22	0.875	30	38.1	41.5	44.8	980.4	12.72	25.64	A1
14		3514	2952	22.225	762	186.2	202.4	218.7	133884.5	3.88	7.81	
15 35-2901	OZ®	65.6	114.22	1	28	40.5	43.9	47.3	918.1	12.46	25.11	A1
16		3525.6	2901.2	25.4	711	197.7	214.3	230.8	125371.9	3.8	7.65	
17 35-3409	OZ®	65.9	134.22	0.394	48	26.6	29.5	32.3	1580.7	15.08	30.35	A1
18		3541.1	3409.2	10	1219	129.7	143.8	157.9	215863.3	4.6	9.25	
19 36-3460	OZ®	66.9	136.22	0.375	50	26.1	28.9	31.7	1673.4	15.34	30.87	A1
20		3598.8	3460	9.525	1270	127.2	141.1	155	228521.4	4.67	9.41	
21 36-3257	OZ®	67	128.22	0.5	42	29.8	32.8	35.9	1407	14.29	28.78	A1
22		3602.3	3256.8	12.7	1066	145.6	160.3	175.1	192144.4	4.36	8.77	
23 36-3003	OZ®	67.8	118.22	0.812	31	37.3	40.6	43.9	1084.5	12.98	26.16	A1
24		3644.1	3002.8	20.638	812	182.2	198.2	214.2	148095.4	3.96	7.97	
25 37-3308	OZ®	68.3	130.22	0.472	43	29.2	32.2	35.1	1502.1	14.55	29.3	A1
26		3670.9	3307.6	12	1117	142.5	157	171.5	205128.8	4.44	8.93	
27 37-2952	OZ®	69.1	116.22	0.938	30	40.1	43.4	46.7	1037.2	12.72	25.64	A1
28		3717.5	2952	23.812	762	195.7	211.9	228.2	141635.2	3.88	7.81	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)				
37-3206	OZ [®]	69.2	126.22	0.562	40	31.8	34.8	37.9	1383.3	14.03	28.25	A1
		3718.6	3206	14.288	1016	155	170	185	188906.1	4.28	8.61	
37-3054	OZ [®]	69.5	120.22	0.75	34	36.3	39.5	42.7	1180.9	13.24	26.68	A1
		3734.7	3053.6	19.05	863	177.1	192.8	208.6	161263.1	4.04	8.13	
38-3460	OZ [®]	70	136.22	0.394	50	26.9	29.8	32.6	1750.6	15.34	30.87	A1
		3764.8	3460	10	1270	131.4	145.3	159.2	239062.7	4.67	9.41	
38-3155	OZ [®]	70.2	124.22	0.625	38	33.5	36.6	39.7	1334.7	13.77	27.73	A1
		3776.6	3155.2	15.875	965	163.5	178.7	193.9	182260.7	4.2	8.45	
38-3104	OZ [®]	70.3	122.22	0.688	36	35	38.2	41.3	1265.7	13.51	27.21	A1
		3780.5	3104.4	17.462	914	170.8	186.3	201.8	172843.7	4.12	8.29	
38-3511	OZ [®]	71	138.22	0.375	52	26.4	29.2	32	1845.8	15.6	31.4	A1
		3816.9	3510.8	9.525	1320	128.8	142.4	156.1	252065.9	4.75	9.57	
39-3308	OZ [®]	71.9	130.22	0.5	43	30.3	33.3	36.3	1581.6	14.55	29.3	A1
		3865	3307.6	12.7	1117	148.2	162.7	177.2	215977.7	4.44	8.93	
39-3003	OZ [®]	72.1	118.22	0.875	31	39.4	42.7	45.9	1153.9	12.98	26.16	A1
		3877.2	3002.8	22.225	812	192.3	208.3	224.3	157571.3	3.96	7.97	
39-3409	OZ [®]	72.6	134.22	0.438	48	28.5	31.4	34.3	1742.1	15.08	30.35	A1
		3902.6	3409.2	11.112	1219	139.4	153.5	167.5	237901.3	4.6	9.25	
39-2952	OZ [®]	72.9	116.22	1	30	42	45.3	48.7	1093.2	12.72	25.64	A1
		3918.2	2952	25.4	762	205.1	221.4	237.6	149282.9	3.88	7.81	
40-3511	OZ [®]	74.3	138.22	0.394	52	27.3	30.1	32.9	1931.6	15.6	31.4	A1
		3994.1	3510.8	10	1320	133.1	146.8	160.5	263773.2	4.75	9.57	
40-3054	OZ [®]	74.4	120.22	0.812	34	38.4	41.7	44.9	1264.5	13.24	26.68	A1
		3999.1	3053.6	20.638	863	187.7	203.4	219.1	172681.4	4.04	8.13	
40-3257	OZ [®]	74.5	128.22	0.562	42	32.4	35.4	38.4	1564.6	14.29	28.78	A1
		4005.7	3256.8	14.288	1066	158.1	172.8	187.6	213664.9	4.36	8.77	
40-3562	OZ [®]	75.1	140.22	0.375	53	26.7	29.4	32.2	2029	15.86	31.92	A1
		4040.1	3561.6	9.525	1371	130.3	143.8	157.2	277071.3	4.83	9.73	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ[®].

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)				
41-3104	OZ [®]	75.8	122.22	0.75	36	37.3	40.4	43.6	1365.2	13.51	27.21	A1
		4077.7	3104.4	19.05	914	181.9	197.4	212.8	186430.2	4.12	8.29	
41-3206	OZ [®]	76	126.22	0.625	40	34.2	37.3	40.4	1519.8	14.03	28.25	A1
		4085.4	3206	15.875	1016	167.1	182	197	207536.8	4.28	8.61	
41-3003	OZ [®]	76.4	118.22	0.938	31	41.4	44.7	48	1222.4	12.98	26.16	A1
		4107.5	3002.8	23.812	812	202.3	218.3	234.3	166930.2	3.96	7.97	
41-3155	OZ [®]	76.4	124.22	0.688	38	35.8	39	42.1	1451.7	13.77	27.73	A1
		4107.9	3155.2	17.462	965	175	190.2	205.5	198248.9	4.2	8.45	
42-3460	OZ [®]	77.2	136.22	0.438	50	29	31.8	34.6	1930.7	15.34	30.87	A1
		4152.1	3460	11.112	1270	141.3	155.2	169.1	263658.1	4.67	9.41	
42-3409	OZ [®]	77.9	134.22	0.472	48	30.1	33	35.9	1870.2	15.08	30.35	A1
		4189.5	3409.2	12	1219	147	161.1	175.2	255394.2	4.6	9.25	
42-3562	OZ [®]	78.7	140.22	0.394	53	27.6	30.4	33.1	2123.7	15.86	31.92	A1
		4228.9	3561.6	10	1371	134.7	148.2	161.7	290016.6	4.83	9.73	
43-3054	OZ [®]	79.2	120.22	0.875	34	40.6	43.8	47	1347.2	13.24	26.68	A1
		4260.5	3053.6	22.225	863	198.2	213.9	229.7	183968.4	4.04	8.13	
43-3612	OZ [®]	79.4	142.22	0.375	56	27	29.7	32.4	2222.9	16.12	32.44	A1
		4268.2	3612.4	9.525	1422	131.8	145	158.3	303557.7	4.91	9.89	
43-3308	OZ [®]	80	130.22	0.562	43	33	36	38.9	1760.6	14.55	29.3	A1
		4302.6	3307.6	14.288	1117	161.1	175.6	190.1	240427.5	4.44	8.93	
43-3003	OZ [®]	80.6	118.22	1	31	43.5	46.7	50	1290.1	12.98	26.16	A1
		4335	3002.8	25.4	812	212.2	228.2	244.2	176173.6	3.96	7.97	
44-3104	OZ [®]	81.3	122.22	0.812	36	39.5	42.7	45.9	1463.6	13.51	27.21	A1
		4371.6	3104.4	20.638	914	192.9	208.4	223.9	199870.2	4.12	8.29	
44-3257	OZ [®]	81.9	128.22	0.625	42	34.9	38	41	1720.8	14.29	28.78	A1
		4405.5	3256.8	15.875	1066	170.6	185.3	200.1	234988.6	4.36	8.77	
44-3511	OZ [®]	82	138.22	0.438	52	29.3	32.1	34.9	2131.6	15.6	31.4	A1
		4407.8	3510.8	11.112	1320	143.3	156.9	170.6	291092.6	4.75	9.57	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ[®].

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
44-3409	OZ®	82.1	134.22	0.5	48	31.4	34.2	37.1	1970.8	15.08	30.35	A1
		4415	3409.2	12.7	1219	153.1	167.2	181.3	269136.7	4.6	9.25	
44-3155	OZ®	82.5	124.22	0.75	38	38.2	41.3	44.4	1567.6	13.77	27.73	A1
		4435.9	3155.2	19.05	965	186.5	201.8	217	214074.5	4.2	8.45	
44-3206	OZ®	82.7	126.22	0.688	40	36.7	39.7	42.8	1654.9	14.03	28.25	A1
		4448.6	3206	17.462	1016	179.1	194	209	225987.8	4.28	8.61	
45-3460	OZ®	82.9	136.22	0.472	50	30.6	33.4	36.3	2073.7	15.34	30.87	A1
		4459.6	3460	12	1270	149.2	163.1	177	283185.3	4.67	9.41	
45-3612	OZ®	83.1	142.22	0.394	56	27.9	30.6	33.4	2327.3	16.12	32.44	A1
		4468.7	3612.4	10	1422	136.3	149.6	162.9	317814.2	4.91	9.89	
45-3054	OZ®	84.1	120.22	0.938	34	42.7	46	49.2	1428.9	13.24	26.68	A1
		4518.9	3053.6	23.812	863	208.7	224.4	240.1	195124.8	4.04	8.13	
47-3104	OZ®	86.7	122.22	0.875	36	41.8	44.9	48.1	1561	13.51	27.21	A1
		4662.4	3104.4	22.225	914	203.9	219.4	234.9	213164.2	4.12	8.29	
47-3562	OZ®	86.9	140.22	0.438	53	29.7	32.5	35.2	2345	15.86	31.92	A1
		4669.4	3561.6	11.112	1371	145.1	158.6	172.1	320230.2	4.83	9.73	
47-3460	OZ®	87.4	136.22	0.5	50	31.8	34.7	37.5	2186.1	15.34	30.87	A1
		4701.2	3460	12.7	1270	155.4	169.3	183.2	298528	4.67	9.41	
47-3308	OZ®	88.1	130.22	0.625	43	35.6	38.6	41.6	1938.1	14.55	29.3	A1
		4736.3	3307.6	15.875	1117	174	188.5	203	264664.1	4.44	8.93	
47-3511	OZ®	88.1	138.22	0.472	52	31	33.8	36.6	2290.5	15.6	31.4	A1
		4736.3	3510.8	12	1320	151.4	165	178.7	312786.8	4.75	9.57	
48-3155	OZ®	88.5	124.22	0.812	38	40.6	43.7	46.8	1682.3	13.77	27.73	A1
		4760.4	3155.2	20.638	965	198	213.2	228.5	229738.2	4.2	8.45	
48-3054	OZ®	88.8	120.22	1	34	44.9	48.1	51.3	1509.6	13.24	26.68	A1
		4774.2	3053.6	25.4	863	219.1	234.8	250.6	206151.8	4.04	8.13	
48-3257	OZ®	89.3	128.22	0.688	42	37.5	40.5	43.5	1875.5	14.29	28.78	A1
		4801.6	3256.8	17.462	1066	183	197.7	212.5	256117	4.36	8.77	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
0148-3206	OZ®	89.4	126.22	0.75	40	39.1	42.2	45.3	1788.7	14.03	28.25	A1
02		4808.3	3206	19.05	1016	191	206	221	244260.8	4.28	8.61	
0349-3409	OZ®	91.6	134.22	0.562	48	34.2	37	39.9	2197.8	15.08	30.35	A1
04		4923.3	3409.2	14.288	1219	166.8	180.9	195	300124.1	4.6	9.25	
0549-3612	OZ®	91.8	142.22	0.438	56	30.1	32.8	35.5	2571	16.12	32.44	A1
06		4936.6	3612.4	11.112	1422	146.9	160.2	173.5	351091.2	4.91	9.89	
0749-3104	OZ®	92.1	122.22	0.938	36	44	47.2	50.3	1657.3	13.51	27.21	A1
08		4950	3104.4	23.812	914	214.9	230.3	245.8	226313.3	4.12	8.29	
0950-3511	OZ®	92.9	138.22	0.5	52	32.3	35.1	37.9	2415.3	15.6	31.4	A1
10		4994.5	3510.8	12.7	1320	157.7	171.4	185.1	329834.2	4.75	9.57	
1150-3562	OZ®	93.4	140.22	0.472	53	31.4	34.2	36.9	2520.7	15.86	31.92	A1
12		5019.3	3561.6	12	1371	153.4	166.9	180.4	344225.1	4.83	9.73	
1351-3155	OZ®	94.5	124.22	0.875	38	42.9	46	49.1	1795.9	13.77	27.73	A1
14		5081.7	3155.2	22.225	965	209.5	224.7	239.9	245241.2	4.2	8.45	
1552-3206	OZ®	96.1	126.22	0.812	40	41.6	44.6	47.7	1921.2	14.03	28.25	A1
16		5164.5	3206	20.638	1016	202.9	217.9	232.9	262356.5	4.28	8.61	
1752-3308	OZ®	96.1	130.22	0.688	43	38.3	41.2	44.2	2114	14.55	29.3	A1
18		5166.2	3307.6	17.462	1117	186.8	201.3	215.8	288689.4	4.44	8.93	
1952-3257	OZ®	96.6	128.22	0.75	42	40	43	46.1	2028.8	14.29	28.78	A1
20		5194.1	3256.8	19.05	1066	195.4	210.1	224.9	277051.4	4.36	8.77	
2152-3104	OZ®	97.4	122.22	1	36	46.2	49.4	52.6	1752.5	13.51	27.21	A1
22		5234.4	3104.4	25.4	914	225.8	241.3	256.7	239319	4.12	8.29	
2352-3460	OZ®	97.6	136.22	0.562	50	34.7	37.6	40.4	2439.5	15.34	30.87	A1
24		5246.2	3460	14.288	1270	169.5	183.4	197.3	333130.6	4.67	9.41	
2553-3562	OZ®	98.5	140.22	0.5	53	32.8	35.5	38.3	2658.8	15.86	31.92	A1
26		5294.3	3561.6	12.7	1371	159.9	173.4	186.9	363084.6	4.83	9.73	
2753-3612	OZ®	98.7	142.22	0.472	56	31.8	34.6	37.3	2764.6	16.12	32.44	A1
28		5308.3	3612.4	12	1422	155.4	168.7	182	377525.2	4.91	9.89	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
54-3155	OZ®	100.4	124.22	0.938	38	45.2	48.4	51.5	1908.2	13.77	27.73	A1
		5399.6	3155.2	23.812	965	220.9	236.1	251.3	260584.7	4.2	8.45	
54-3409	OZ®	101	134.22	0.625	48	37	39.8	42.7	2422.9	15.08	30.35	A1
		5427.6	3409.2	15.875	1219	180.4	194.5	208.6	330864.1	4.6	9.25	
55-3206	OZ®	102.6	126.22	0.875	40	44	47.1	50.1	2052.4	14.03	28.25	A1
		5517.3	3206	22.225	1016	214.8	229.8	244.8	280276.4	4.28	8.61	
56-3511	OZ®	103.7	138.22	0.562	52	35.3	38.1	40.9	2697	15.6	31.4	A1
		5576.8	3510.8	14.288	1320	172.2	185.8	199.5	368292.7	4.75	9.57	
56-3257	OZ®	103.8	128.22	0.812	42	42.5	45.6	48.6	2180.7	14.29	28.78	A1
		5582.9	3256.8	20.638	1066	207.7	222.5	237.2	297792.6	4.36	8.77	
56-3308	OZ®	104	130.22	0.75	43	40.9	43.9	46.8	2288.4	14.55	29.3	A1
		5592.4	3307.6	19.05	1117	199.6	214.1	228.6	312503.9	4.44	8.93	
56-3612	OZ®	104.2	142.22	0.5	56	33.2	35.9	38.6	2916.7	16.12	32.44	A1
		5600.4	3612.4	12.7	1422	162.1	175.4	188.7	398303.6	4.91	9.89	
57-3155	OZ®	106.3	124.22	1	38	47.6	50.7	53.8	2019.4	13.77	27.73	A1
		5714.3	3155.2	25.4	965	232.2	247.5	262.7	275769.8	4.2	8.45	
58-3460	OZ®	107.6	136.22	0.625	50	37.6	40.4	43.3	2690.9	15.34	30.87	A1
		5787	3460	15.875	1270	183.5	197.4	211.3	367471.7	4.67	9.41	
59-3206	OZ®	109.1	126.22	0.938	40	46.4	49.5	52.6	2182.4	14.03	28.25	A1
		5866.6	3206	23.812	1016	226.7	241.7	256.6	298021.5	4.28	8.61	
59-3562	OZ®	110	140.22	0.562	53	35.8	38.5	41.3	2970.4	15.86	31.92	A1
		5914.8	3561.6	14.288	1371	174.7	188.2	201.7	405635.7	4.83	9.73	
59-3409	OZ®	110.3	134.22	0.688	48	39.7	42.6	45.5	2646.2	15.08	30.35	A1
		5927.8	3409.2	17.462	1219	194.1	208.1	222.2	361358.1	4.6	9.25	
60-3257	OZ®	111	128.22	0.875	42	45.1	48.1	51.1	2331.2	14.29	28.78	A1
		5968.2	3256.8	22.225	1066	220	234.8	249.5	318342.2	4.36	8.77	
60-3308	OZ®	111.9	130.22	0.812	43	43.5	46.5	49.4	2461.3	14.55	29.3	A1
		6014.8	3307.6	20.638	1117	212.3	226.9	241.4	336108.4	4.44	8.93	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
62-3511	OZ®	114.5	138.22	0.625	52	38.2	41	43.8	2976.5	15.6	31.4	A1
		6154.9	3510.8	15.875	1320	186.6	200.2	213.9	406466.3	4.75	9.57	
62-3206	OZ®	115.6	126.22	1	40	48.8	51.9	55	2311	14.03	28.25	A1
		6212.5	3206	25.4	1016	238.5	253.5	268.4	315592.8	4.28	8.61	
62-3714	OZ®	115.9	146.22	0.5	60	34	36.7	39.3	3476.5	16.65	33.49	A1
		6230.3	3714	12.7	1524	166.2	179.2	192.1	474750.1	5.07	10.21	
63-3612	OZ®	116.4	142.22	0.562	56	36.3	39	41.7	3260.1	16.12	32.44	A1
		6259.7	3612.4	14.288	1422	177.2	190.5	203.8	445192.1	4.91	9.89	
63-3460	OZ®	117.6	136.22	0.688	50	40.5	43.3	46.1	2940.5	15.34	30.87	A1
		6323.6	3460	17.462	1270	197.5	211.4	225.3	401546.8	4.67	9.41	
63-3257	OZ®	118.1	128.22	0.938	42	47.6	50.6	53.6	2480.3	14.29	28.78	A1
		6349.9	3256.8	23.812	1066	232.3	247	261.8	338701.2	4.36	8.77	
64-3409	OZ®	119.5	134.22	0.75	48	42.5	45.4	48.3	2867.7	15.08	30.35	A1
		6424	3409.2	19.05	1219	207.6	221.7	235.8	391608.6	4.6	9.25	
64-3308	OZ®	119.7	130.22	0.875	43	46.1	49.1	52	2632.6	14.55	29.3	A1
		6433.5	3307.6	22.225	1117	225.1	239.6	254.1	359506	4.44	8.93	
65-3562	OZ®	121.5	140.22	0.625	53	38.8	41.6	44.3	3279.8	15.86	31.92	A1
		6530.9	3561.6	15.875	1371	189.5	203	216.4	447886.3	4.83	9.73	
67-3257	OZ®	125.1	128.22	1	42	50.1	53.1	56.1	2628	14.29	28.78	A1
		6728	3256.8	25.4	1066	244.5	259.3	274	358871.1	4.36	8.77	
67-3511	OZ®	125.2	138.22	0.688	52	41.1	44	46.8	3254	15.6	31.4	A1
		6728.7	3510.8	17.462	1320	200.9	214.6	228.3	444360.8	4.75	9.57	
68-3308	OZ®	127.4	130.22	0.938	43	48.7	51.7	54.6	2802.4	14.55	29.3	A1
		6848.6	3307.6	23.812	1117	237.8	252.3	266.8	382698	4.44	8.93	
69-3460	OZ®	127.5	136.22	0.75	50	43.3	46.2	49	3188.1	15.34	30.87	A1
		6856.1	3460	19.05	1270	211.5	225.4	239.2	435361.8	4.67	9.41	
69-3612	OZ®	128.6	142.22	0.625	56	39.4	42.1	44.8	3601.1	16.12	32.44	A1
		6914.6	3612.4	15.875	1422	192.3	205.6	218.9	491765	4.91	9.89	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
69-3409	OZ®	128.6	134.22	0.812	48	45.3	48.2	51.1	3087.4	15.08	30.35	A1
		6916.3	3409.2	20.638	1219	221.2	235.3	249.4	421615.6	4.6	9.25	
70-3714	OZ®	129.6	146.22	0.562	60	37.3	39.9	42.6	3888.9	16.65	33.49	A1
		6969.3	3714	14.288	1524	182	194.9	207.9	531061.4	5.07	10.21	
71-3562	OZ®	132.9	140.22	0.688	53	41.8	44.6	47.3	3587	15.86	31.92	A1
		7142.6	3561.6	17.462	1371	204.2	217.7	231.1	489839.4	4.83	9.73	
73-3308	OZ®	135	130.22	1	43	51.3	54.3	57.2	2970.7	14.55	29.3	A1
		7259.9	3307.6	25.4	1117	250.4	264.9	279.4	405681.5	4.44	8.93	
73-3511	OZ®	135.7	138.22	0.75	52	44.1	46.9	49.7	3529.4	15.6	31.4	A1
		7298.2	3510.8	19.05	1320	215.2	228.9	242.6	481976.2	4.75	9.57	
74-3460	OZ®	137.4	136.22	0.812	50	46.2	49	51.9	3433.8	15.34	30.87	A1
		7384.5	3460	20.638	1270	225.4	239.3	253.2	468916.8	4.67	9.41	
74-3409	OZ®	137.7	134.22	0.875	48	48.1	51	53.8	3305.4	15.08	30.35	A1
		7404.6	3409.2	22.225	1219	234.7	248.8	262.9	451382.1	4.6	9.25	
76-3612	OZ®	140.7	142.22	0.688	56	42.5	45.2	47.9	3939.8	16.12	32.44	A1
		7564.9	3612.4	17.462	1422	207.4	220.7	234	538016.8	4.91	9.89	
77-3714	OZ®	143.3	146.22	0.625	60	40.5	43.2	45.8	4298.6	16.65	33.49	A1
		7703.6	3714	15.875	1524	197.8	210.7	223.6	587017.2	5.07	10.21	
77-3562	OZ®	144.1	140.22	0.75	53	44.8	47.6	50.3	3892	15.86	31.92	A1
		7750	3561.6	19.05	1371	218.9	232.3	245.8	531492	4.83	9.73	
79-3511	OZ®	146.3	138.22	0.812	52	47	49.8	52.6	3802.8	15.6	31.4	A1
		7863.6	3510.8	20.638	1320	229.5	243.2	256.9	519312.4	4.75	9.57	
79-3409	OZ®	146.7	134.22	0.938	48	50.8	53.7	56.6	3521.6	15.08	30.35	A1
		7888.9	3409.2	23.812	1219	248.2	262.3	276.3	480908.1	4.6	9.25	
79-3460	OZ®	147.1	136.22	0.875	50	49	51.9	54.7	3677.6	15.34	30.87	A1
		7908.8	3460	22.225	1270	239.3	253.2	267.1	502211.6	4.67	9.41	
82-3612	OZ®	152.7	142.22	0.75	56	45.5	48.3	51	4276.2	16.12	32.44	A1
		8210.9	3612.4	19.05	1422	222.4	235.7	249	583955.8	4.91	9.89	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
						lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)				
84-3562	OZ [®]	155.4	140.22	0.812	53	47.8	50.6	53.3	4194.9	15.86	31.92	A1
		8353	3561.6	20.638	1371	233.5	247	260.5	572849.8	4.83	9.73	
84-3409	OZ [®]	155.7	134.22	1	48	53.6	56.5	59.4	3736.1	15.08	30.35	A1
		8369.3	3409.2	25.4	1219	261.6	275.7	289.8	510194.6	4.6	9.25	
84-3511	OZ [®]	156.7	138.22	0.875	52	49.9	52.7	55.5	4074.2	15.6	31.4	A1
		8424.7	3510.8	22.225	1320	243.8	257.4	271.1	556369.5	4.75	9.57	
84-3460	OZ [®]	156.8	136.22	0.938	50	51.8	54.7	57.5	3919.5	15.34	30.87	A1
		8429.1	3460	23.812	1270	253.1	267	280.9	535249.1	4.67	9.41	
84-3714	OZ [®]	156.9	146.22	0.688	60	43.7	46.4	49	4705.8	16.65	33.49	A1
		8433.3	3714	17.462	1524	213.5	226.4	239.3	642617.7	5.07	10.21	
89-3612	OZ [®]	164.7	142.22	0.812	56	48.6	51.3	54.1	4610.3	16.12	32.44	A1
		8852.3	3612.4	20.638	1422	237.4	250.7	264	629576.5	4.91	9.89	
89-3460	OZ [®]	166.4	136.22	1	50	54.7	57.5	60.4	4159.6	15.34	30.87	A1
		8945.3	3460	25.4	1270	267	280.8	294.7	568028.7	4.67	9.41	
90-3562	OZ [®]	166.5	140.22	0.875	53	50.8	53.6	56.3	4495.6	15.86	31.92	A1
		8951.8	3561.6	22.225	1371	248.1	261.6	275.1	613912.8	4.83	9.73	
90-3511	OZ [®]	167.1	138.22	0.938	52	52.8	55.6	58.4	4343.6	15.6	31.4	A1
		8981.8	3510.8	23.812	1320	258	271.7	285.3	593156	4.75	9.57	
92-3714	OZ [®]	170.3	146.22	0.75	60	46.9	49.6	52.2	5110.3	16.65	33.49	A1
		9158.3	3714	19.05	1524	229.2	242.1	255	697862.7	5.07	10.21	
95-3612	OZ [®]	176.5	142.22	0.875	56	51.7	54.4	57.1	4942.1	16.12	32.44	A1
		9489.4	3612.4	22.225	1422	252.3	265.6	278.9	674884.3	4.91	9.89	
95-3511	OZ [®]	177.3	138.22	1	52	55.7	58.5	61.3	4610.9	15.6	31.4	A1
		9534.6	3510.8	25.4	1320	272.2	285.8	299.5	629664.3	4.75	9.57	
95-3562	OZ [®]	177.6	140.22	0.938	53	53.8	56.6	59.3	4794.1	15.86	31.92	A1
		9546.2	3561.6	23.812	1371	262.7	276.2	289.6	654681	4.83	9.73	
99-3714	OZ [®]	183.7	146.22	0.812	60	50.1	52.8	55.4	5512.3	16.65	33.49	A1
		9878.6	3714	20.638	1524	244.8	257.7	270.7	752752.3	5.07	10.21	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ[®].

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
						lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)				
101-3612	OZ®	188.3	142.22	0.938	56	54.7	57.5	60.2	5271.6	16.12	32.44	A1
		10122.1	3612.4	23.812	1422	267.2	280.5	293.8	719882.1	4.91	9.89	
101-3562	OZ®	188.5	140.22	1	53	56.8	59.5	62.3	5090.5	15.86	31.92	A1
		10136.5	3561.6	25.4	1371	277.2	290.7	304.2	695158.9	4.83	9.73	
106-3714	OZ®	197.1	146.22	0.875	60	53.3	56	58.6	5911.7	16.65	33.49	A1
		10594.4	3714	22.225	1524	260.4	273.3	286.3	807294.6	5.07	10.21	
108-3612	OZ®	200	142.22	1	56	57.8	60.5	63.2	5598.8	16.12	32.44	A1
		10750.4	3612.4	25.4	1422	282.1	295.4	308.7	764567	4.91	9.89	
113-3714	OZ®	210.3	146.22	0.938	60	56.5	59.2	61.8	6308.5	16.65	33.49	A1
		11305.6	3714	23.812	1524	276	288.9	301.9	861484.1	5.07	10.21	
120-3714	OZ®	223.4	146.22	1	60	59.7	62.4	65	6702.8	16.65	33.49	A1
		12012.2	3714	25.4	1524	291.5	304.5	317.4	915326.3	5.07	10.21	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.

Specifications

When using steel sheet pile, it is necessary to make allowances for deviations from theoretical exactness. The degree of precision obtainable in the production of sheet pile is limited by the basic character of the rolling processes and normal limitations of mill equipment. Care must be taken during installation to assure that each element is being set at the desired driving dimension.

- Dimensions typically shown are nominal.
- Actual thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.
- Interlocks should be reasonably free-sliding when threaded.
- Terms, tolerance, dimensions, and delivery conditions are in accordance with EN 10248 and/or ASTM A6.
- Welding is in accordance with AWS D1.1.

	AMERICAN ASTM A 6		EUROPEAN EN 10248
Mass	5%	-2.5%	± 5%
Length	+ 5in.	-0 in.	± 200mm
Height			± 7mm
Thickness			± 0.5mm for ≤ 8.5mm ± 6% for > 8.5mm
Width Interlocked			± 3%
Straightness			0.2% of the length
Ends ou of Square			2% of the width

Available Steel Grades

AMERICAN			CANADIAN			EUROPEAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10248	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)		(ksi)	(MPa)
A 328	39	270	Grade 260 W	38	260	S 240 GP	35	240
A 572 Grade 42	42	290	Grade 300 W	44	300	S 270 GP	39	270
A 572 Grade 50	50	345	Grade 355 W	50	350	S 320 GP	46	320
A 572 Grade 55	55	380	Grade 400 W	58	400	S 355 GP	51	355
A 572 Grade 60	60	415				S 390 GP	57	390
A 572 Grade 65*	65	450				S 430 GP	62	430
A 588 Grade 50	50	345				S 450 GP*	65	450
API 5L x70	70	485						
ASTM A 690 MARINER®	50	345						

ENGINEERING DISCLAIMER

This publication contains information on the properties of hot-rolled sheet pile based on accepted engineering practices related to sheet pile products and projects. The use of the data contained herein must be supplemented with qualified professional judgment.

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