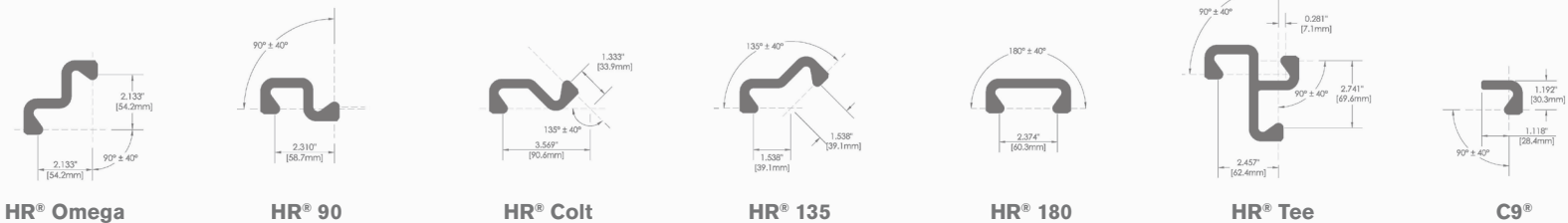


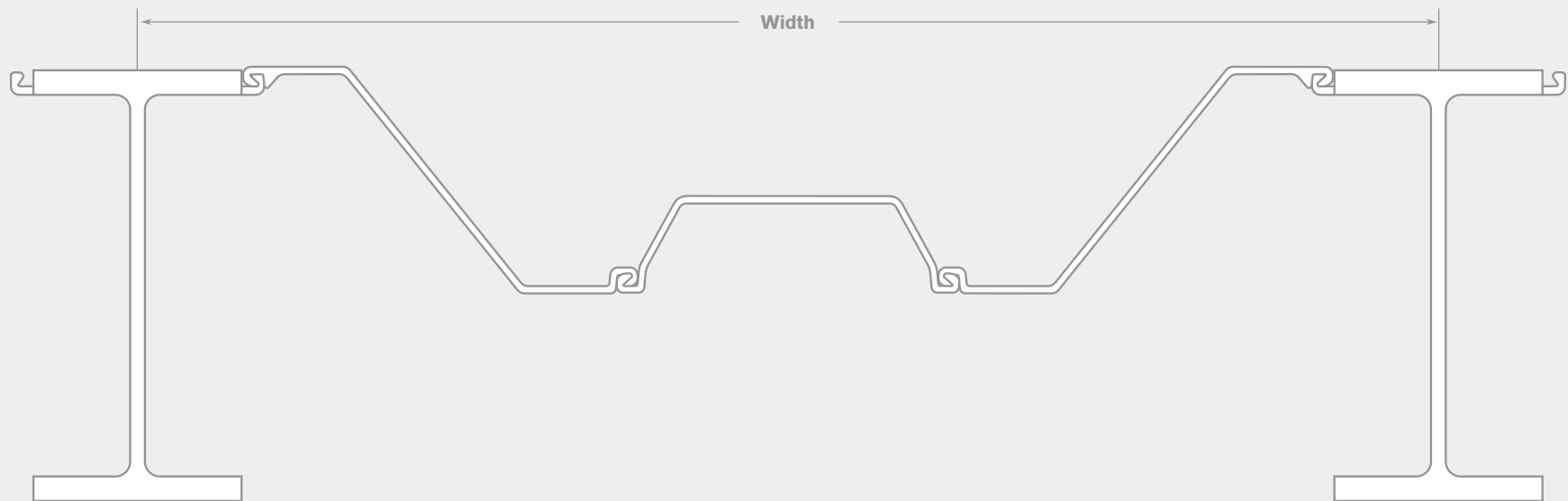


PilePro[®] Sheet Pile Connectors



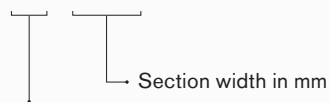


Configuration B2



SECTION NAME:

69 - 2740



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

These are examples from a large variety of possible IZ[®] solutions.

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

Sheet Pile LLC is the owner and assignee of numerous patents and IP, that may be related to this sheet pile solution.

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
27-2280	IZ [®]	50.4	89.8	25.6	29.9	34.3	612.1	24.84	W24X94	B2
		2709.5	2280	125	146.1	167.2	83587.7	7.57	W610X140	
27-2314	IZ [®]	50.6	91.1	24.6	28.9	33.1	746.9	26.15	W30X90	B2
		2720	2314	120.1	140.9	161.7	101999.4	7.97	W760X134	
27-2334	IZ [®]	51	91.9	26.5	30.8	35	477.5	24.61	W18X106	B2
		2739.7	2334	129.5	150.1	170.8	65205.3	7.5	W460X158	
28-2362	IZ [®]	51.1	93	25.6	29.8	34	546.7	25.43	W21X101	B2
		2749.9	2362	125	145.4	165.8	74660.9	7.75	W530X150	
28-2304	IZ [®]	51.5	90.7	25.3	29.5	33.8	693.3	25.59	W27X94	B2
		2768.3	2304	123.4	144.3	165.2	94675.2	7.8	W690X140	
29-2374	IZ [®]	53.2	93.5	25.9	30	34.2	639.9	26.02	W24X104	B2
		2860.3	2374	126.3	146.6	166.9	87380.7	7.93	W610X155	
29-2279	IZ [®]	53.4	89.7	26.7	31.1	35.4	654.6	24.84	W24X103	B2
		2869.9	2279	130.6	151.7	172.8	89397.9	7.57	W610X153	
29-2363	IZ [®]	53.7	93	26.9	31.1	35.2	577.6	25.46	W21X111	B2
		2889.4	2363	131.2	151.6	172	78880.7	7.76	W530X165	
29-2315	IZ [®]	53.8	91.1	25.8	30.1	34.4	797.5	26.18	W30X99	B2
		2892.6	2315	126.2	147	167.8	108905	7.98	W760X147	
29-2336	IZ [®]	54.1	92	28.2	32.4	36.7	513.5	24.64	W18X119	B2
		2909.5	2336	137.8	158.4	179	70119.2	7.51	W460X177	
29-2501	IZ [®]	54.5	98.5	28.4	32.3	36.3	477.9	26.54	HP18x135	B2
		2931.2	2500.8	138.6	157.8	177.1	65256.5	8.09	HP360x202	
29-2304	IZ [®]	54.7	90.7	26.4	30.7	34.9	741.3	25.62	W27X102	B2
		2942.7	2304	128.8	149.7	170.6	101227.3	7.81	W690X152	
31-2365	IZ [®]	56.7	93.1	28.2	32.4	36.6	614.7	25.49	W21X122	B2
		3046.7	2365	137.8	158.1	178.5	83937.9	7.77	W530X182	
31-2333	IZ [®]	57	91.9	29.7	33.9	38.2	548.7	24.67	W18X130	B2
		3064.8	2333	145	165.7	186.3	74934.8	7.52	W460X193	

* 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 IZ[®].

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
31-2375	IZ®	57.4	93.5	27.5	31.6	35.8	695.5	26.05	W24X117	B2
		3083.5	2375	134.2	154.5	174.8	94973	7.94	W610X174	
31-2316	IZ®	57.7	91.2	27	31.3	35.5	860.9	26.21	W30X108	B2
		3101.9	2316	131.9	152.7	173.5	117562.5	7.99	W760X161	
32-2306	IZ®	58.7	90.8	27.9	32.2	36.4	801.4	25.66	W27X114	B2
		3158.4	2306	136.2	157.1	178	109437	7.82	W690X170	
32-2504	IZ®	59	98.6	31	34.9	38.8	522.5	26.61	HP18x157	B2
		3169.9	2504	151.1	170.4	189.6	71353.7	8.11	HP360x234	
32-2366	IZ®	59.5	93.1	29.5	33.7	37.8	648.6	25.52	W21X132	B2
		3197.5	2366	144	164.4	184.7	88571.2	7.78	W530X196	
32-2335	IZ®	60.2	91.9	31.3	35.6	39.8	586.2	24.7	W18X143	B2
		3234.6	2335	153	173.6	194.2	80057.2	7.53	W460X213	
33-2317	IZ®	61.4	91.2	28.1	32.4	36.6	920.9	26.25	W30X116	B2
		3300.7	2317	137.2	158	178.8	125755.5	8	W760X173	
33-2377	IZ®	61.8	93.6	29.3	33.4	37.6	757	26.12	W24X131	B2
		3323.8	2377	143	163.3	183.5	103371.4	7.96	W610X195	
34-2337	IZ®	63.6	92	33.2	37.5	41.7	626.8	24.77	W18X158	B2
		3417.1	2337	162.3	182.9	203.5	85597.5	7.55	W460X235	
34-2368	IZ®	63.6	93.2	31.4	35.6	39.8	701	25.59	W21X147	B2
		3419	2368	153.5	173.8	194.2	95731	7.8	W530X219	
35-2507	IZ®	64.1	98.7	33.8	37.7	41.7	577.1	26.67	HP18x181	B2
		3447.5	2507.2	165.1	184.3	203.5	78810.1	8.13	HP360x269	
35-2342	IZ®	64.1	92.2	28	32.2	36.4	1054	27.07	W33X118	B2
		3447.7	2342	136.8	157.3	177.9	143939.8	8.25	W840X176	
35-2304	IZ®	64.5	90.7	29.9	34.2	38.4	891.9	25.69	W27X129	B2
		3469.9	2304	145.8	166.7	187.7	121794.6	7.83	W690X192	
35-2317	IZ®	64.9	91.2	29.1	33.3	37.6	978.2	26.28	W30X124	B2
		3487.6	2317	142	162.8	183.5	133575.5	8.01	W760X185	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
36-2378	IZ®	67.2	93.6	31.2	35.3	39.5	831	26.18	W24X146	B2
		3613.9	2378	152.2	172.5	192.7	113475	7.98	W610X217	
37-2339	IZ®	67.9	92.1	35.4	39.6	43.8	680	24.84	W18X175	B2
		3648.7	2339	172.9	193.5	214	92859.5	7.57	W460X260	
37-2318	IZ®	68.1	91.3	30.2	34.4	38.7	1031.9	26.31	W30X132	B2
		3660	2318	147.3	168.1	188.9	140908.4	8.02	W760X196	
37-2510	IZ®	69.1	98.8	36.7	40.6	44.5	632.6	26.74	HP18x204	B2
		3713.7	2510.4	179	198.2	217.4	86385.2	8.15	HP460x304	
38-2365	IZ®	70	93.1	33.9	38.1	42.3	786.3	25.59	W21X166	B2
		3760.8	2365	165.6	186	206.4	107372.1	7.8	W530X248	
38-2342	IZ®	70	92.2	29.6	33.8	38	1157.7	27.1	W33X130	B2
		3764	2342	144.5	165	185.6	158089.1	8.26	W840X193	
38-2405	IZ®	70.9	94.7	30.9	35	39.1	969.5	26.97	W27X146	B2
		3809.9	2405	150.8	170.8	190.9	132392.8	8.22	W690X217	
39-2379	IZ®	72.4	93.7	33.3	37.4	41.5	905	26.21	W24X162	B2
		3892.6	2379	162.4	182.6	202.9	123590.6	7.99	W610X241	
40-2354	IZ®	73.6	92.7	30.1	34.2	38.4	1308.6	27.66	W36X135	B2
		3957.8	2354	146.7	167.2	187.7	178696.5	8.43	W920X201	
40-2368	IZ®	74.3	93.2	36	40.2	44.3	844.4	25.66	W21X182	B2
		3997	2368	175.7	196.1	216.4	115312.6	7.82	W530X272	
40-2316	IZ®	75.2	91.2	32.3	36.5	40.8	1153.7	26.35	W30X148	B2
		4045	2316	157.6	178.4	199.2	157551.4	8.03	W760X220	
41-2343	IZ®	75.3	92.2	31	35.2	39.4	1254.7	27.13	W33X141	B2
		4050.7	2343	151.5	172	192.6	171345.1	8.27	W840X210	
41-2406	IZ®	76.2	94.7	32.8	36.9	41	1051.8	27	W27X161	B2
		4098	2406	160.2	180.2	200.3	143635.8	8.23	W690X240	
42-2377	IZ®	77.2	93.6	35	39.1	43.3	974	26.21	W24X176	B2
		4150.1	2377	170.8	191	211.3	133011.3	7.99	W610X262	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
43-2369	IZ [®]	79.8	93.3	38.4	42.6	46.7	918.8	25.72	W21X201	B2
		4289.6	2369	187.6	207.9	228.2	125471.8	7.84	W530X300	
43-2344	IZ [®]	80.5	92.3	32.4	36.7	40.9	1348.5	27.2	W33X152	B2
		4327.7	2344	158.4	179	199.5	184143.8	8.29	W840X226	
44-2459	IZ [®]	81.9	96.8	47.1	51.2	55.2	684.8	25.79	W14X283	B2
		4400.7	2459	230.2	249.8	269.4	93515.3	7.86	W360X421	
44-2354	IZ [®]	81.9	92.7	32	36.2	40.4	1468.1	27.72	W36X150	B2
		4401.5	2354	156.4	176.9	197.3	200488.3	8.45	W920X223	
44-2408	IZ [®]	82	94.8	34.9	39	43.1	1139.5	27.07	W27X178	B2
		4408.2	2408	170.5	190.5	210.5	155609.2	8.25	W690X265	
44-2379	IZ [®]	82	93.7	37	41.1	45.3	1044.4	26.28	W24X192	B2
		4408.9	2379	180.5	200.8	221	142626.9	8.01	W610X285	
45-2350	IZ [®]	83	92.5	32	36.2	40.3	1584.5	28.05	W40X149	B2
		4461.5	2350	156	176.5	197	216382.8	8.55	W1000X222	
46-2431	IZ [®]	85.1	95.7	33.9	38	42	1294.4	27.82	W30X173	B2
		4573.3	2431	165.7	185.5	205.3	176759.9	8.48	W760X257	
47-2355	IZ [®]	86.7	92.7	33.3	37.5	41.7	1561.3	27.76	W36X160	B2
		4660.2	2355	162.7	183.1	203.6	213202.5	8.46	W920X238	
47-2462	IZ [®]	86.9	96.9	50.5	54.6	58.6	743.9	25.89	W14X311	B2
		4670.7	2462	246.8	266.4	285.9	101588.4	7.89	W360X463	
47-2390	IZ [®]	86.9	94.1	55.2	59.4	63.5	730.3	24.8	W12X336	B2
		4671.3	2390	269.7	289.8	310	99731.7	7.56	W310X500	
47-2380	IZ [®]	87	93.7	38.9	43.1	47.2	1118.3	26.31	W24X207	B2
		4677.4	2380	190	210.2	230.5	152716.9	8.02	W610X307	
48-2342	IZ [®]	88.6	92.2	34.5	38.7	43	1497.4	27.2	W33X169	B2
		4760.8	2342	168.6	189.2	209.7	204476.9	8.29	W840X251	
48-2406	IZ [®]	88.8	94.7	37	41.1	45.2	1247.7	27.07	W27X194	B2
		4772.6	2406	180.4	200.5	220.5	170380.4	8.25	W690X289	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
49-2356	IZ®	91.6	92.8	34.6	38.8	43	1657.4	27.79	W36X170	B2
		4925.6	2356	168.9	189.4	209.8	226330.5	8.47	W920X253	
50-2432	IZ®	92.3	95.7	36.2	40.2	44.3	1414.8	27.85	W30X191	B2
		4960.4	2432	176.6	196.4	216.2	193208.5	8.49	W760X284	
50-2466	IZ®	92.8	97.1	54.3	58.3	62.3	814.5	25.98	W14X342	B2
		4987.7	2466	265.2	284.7	304.2	111226.5	7.92	W360X509	
51-2383	IZ®	93.9	93.8	41.7	45.8	50	1222	26.41	W24X229	B2
		5049.2	2383	203.6	223.8	244	166875.2	8.05	W610X341	
51-2350	IZ®	94.2	92.5	34.3	38.5	42.7	1816.3	28.12	W40X167	B2
		5062	2350	167.4	187.9	208.4	248037.7	8.57	W1000X249	
52-2357	IZ®	97	92.8	36.2	40.3	44.5	1762.7	27.82	W36X182	B2
		5216	2357	176.5	197	217.4	240717.3	8.48	W920X271	
52-2409	IZ®	97.1	94.8	39.8	43.9	48	1380.5	27.17	W27X217	B2
		5222.2	2409	194.6	214.5	234.5	188521.6	8.28	W690X323	
53-2468	IZ®	98.5	97.2	57.7	61.7	65.7	882.5	26.05	W14X370	B2
		5297	2468	281.8	301.3	320.9	120507	7.94	W360X551	
54-2434	IZ®	100.2	95.8	38.6	42.7	46.8	1549.7	27.92	W30X211	B2
		5385	2434	188.7	208.5	228.3	211629.4	8.51	W760X314	
54-2385	IZ®	100.9	93.9	44.4	48.5	52.6	1329	26.48	W24X250	B2
		5425.8	2385	216.6	236.8	257	181491.5	8.07	W610X372	
55-2450	IZ®	101.7	96.5	37.1	41.2	45.2	1711.9	28.58	W33X201	B2
		5468.3	2450	181.4	201	220.7	233771	8.71	W840X299	
55-2358	IZ®	102.2	92.8	37.6	41.8	46	1864.9	27.85	W36X194	B2
		5494.5	2358	183.8	204.2	224.6	254671	8.49	W920X289	
56-2410	IZ®	103.3	94.9	42.2	46.3	50.4	1480.7	27.2	W27X235	B2
		5555.2	2410	205.9	225.9	245.8	202209.3	8.29	W690X350	
56-2471	IZ®	103.8	97.3	61.1	65.1	69.1	950	26.12	W14X398	B2
		5580	2471	298.3	317.8	337.3	129735.7	7.96	W360X592	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
56-2350	IZ [®]	104.8	92.5	36.3	40.5	44.7	2041.9	28.18	W40X183	B2
		5633.1	2350	177.4	197.9	218.4	278839.2	8.59	W1000X272	
59-2359	IZ [®]	109.3	92.9	39.7	43.9	48.1	2004.4	27.89	W36X210	B2
		5873.7	2359	194	214.4	234.9	273715	8.5	W920X313	
59-2474	IZ [®]	109.7	97.4	64.5	68.5	72.4	1023.3	26.21	W14X426	B2
		5896.1	2474	314.8	334.2	353.7	139737.2	7.99	W360X634	
59-2388	IZ [®]	109.9	94	48	52.1	56.3	1469.2	26.54	W24X279	B2
		5909.5	2388	234.4	254.6	274.7	200629.1	8.09	W610X415	
59-2432	IZ [®]	110.5	95.7	41.7	45.7	49.8	1729.4	27.95	W30X235	B2
		5941.4	2432	203.4	223.2	243	236170.3	8.52	W760X350	
59-2451	IZ [®]	110.6	96.5	39.6	43.6	47.7	1876.2	28.64	W33X221	B2
		5944.7	2451	193.5	213.1	232.8	256218.4	8.73	W840X329	
60-2450	IZ [®]	111.5	96.5	36.8	40.8	44.9	2154.9	29.43	W40X199	B2
		5993.2	2450	179.8	199.4	219.1	294268.4	8.97	W1000X296	
60-2412	IZ [®]	111.6	95	44.9	49	53.1	1616.8	27.26	W27X258	B2
		5999.7	2412	219.4	239.3	259.3	220787.7	8.31	W690X384	
62-2478	IZ [®]	115	97.6	67.9	71.9	75.9	1093	26.31	W14X455	B2
		6180.4	2478	331.7	351.1	370.6	149256.3	8.02	W360X677	
64-2350	IZ [®]	118	92.5	40	44.2	48.4	2323.6	28.22	W40X211	B2
		6346.1	2350	195.1	215.6	236.1	317304.5	8.6	W1000X314	
64-2390	IZ [®]	118.7	94.1	51.3	55.5	59.6	1609.7	26.61	W24X306	B2
		6380.8	2390	250.6	270.8	290.9	219817.7	8.11	W610X455	
64-2468	IZ [®]	119.1	97.2	40.4	44.4	48.4	2137.7	29.2	W36X230	B2
		6401.6	2468	197.2	216.7	236.3	291915.1	8.9	W920X342	
64-2453	IZ [®]	119.4	96.6	42.1	46.1	50.1	2039.5	28.71	W33X241	B2
		6417.2	2453	205.5	225.1	244.7	278507.1	8.75	W840X359	
65-2414	IZ [®]	120.1	95	47.9	52	56.1	1758.7	27.33	W27X281	B2
		6456.1	2414	233.8	253.8	273.7	240166.7	8.33	W690X419	

* 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 IZ[®].

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
65-2435	IZ [®]	120.4	95.9	44.9	49	53	1902.5	28.02	W30X261	B2
		6470.8	2435	219.2	239	258.8	259803.6	8.54	W760X389	
65-2358	IZ [®]	120.8	92.8	42.5	46.7	50.8	2242.5	27.92	W36X232	B2
		6494.9	2358	207.4	227.8	248.3	306233.3	8.51	W920X345	
66-2450	IZ [®]	122.4	96.5	38.9	42.9	47	2386	29.49	W40X215	B2
		6582.3	2450	190	209.7	229.3	325825.4	8.99	W1000X321	
67-2482	IZ [®]	124.3	97.7	73.3	77.3	81.3	1218.8	26.41	W14X500	B2
		6684.3	2482	358	377.4	396.9	166440.1	8.05	W360X744	
68-2469	IZ [®]	126.3	97.2	42.3	46.3	50.3	2276.5	29.23	W36X245	B2
		6787.8	2469	206.4	225.9	245.4	310881.5	8.91	W920X365	
69-2393	IZ [®]	128	94.2	55	59.2	63.3	1761.4	26.71	W24X335	B2
		6882.4	2393	268.7	288.8	308.9	240540.4	8.14	W610X498	
69-2417	IZ [®]	128.9	95.2	51	55.1	59.2	1908.7	27.4	W27X307	B2
		6932.1	2417	249.1	269.1	289	260645.6	8.35	W690X457	
70-2352	IZ [®]	129.4	92.6	43	47.2	51.4	2568.5	28.28	W40X235	B2
		6959.4	2352	210	230.4	250.9	350751.6	8.62	W1000X350	
70-2451	IZ [®]	130.2	96.5	44.9	48.9	52.9	2248.2	28.71	W33X263	B2
		7001.5	2451	219.1	238.7	258.4	307014.5	8.75	W840X392	
71-2360	IZ [®]	131.7	92.9	45.6	49.8	54	2464.9	27.99	W36X256	B2
		7079	2360	222.9	243.3	263.7	336605.3	8.53	W920X381	
72-2437	IZ [®]	132.9	95.9	48.7	52.7	56.8	2127.2	28.08	W30X292	B2
		7146.1	2437	237.7	257.5	277.3	290489.1	8.56	W760X434	
72-2470	IZ [®]	133.2	97.2	44.1	48.1	52.1	2415.5	29.27	W36X260	B2
		7163.1	2470	215.2	234.7	254.2	329861.4	8.92	W920X387	
73-2487	IZ [®]	134.8	97.9	79.1	83.1	87.1	1364.4	26.57	W14X550	B2
		7249.6	2487	386.4	405.7	425.1	186315.2	8.1	W360X818	
73-2450	IZ [®]	136	96.5	40.8	44.8	48.8	2918.3	30.12	W44X230	B2
		7312.2	2450	199	218.6	238.3	398516.1	9.18	W1100X343	

* 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 IZ[®].

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
75-2450	IZ®	139	96.5	43.1	47.1	51.2	2736.8	29.53	W40X249	B2
		7474.7	2450	210.5	230.2	249.8	373734.7	9	W1000X371	
75-2397	IZ®	139.2	94.4	59.4	63.5	67.7	1948.8	26.8	W24X370	B2
		7486.1	2397	290.2	310.3	330.4	266130.8	8.17	W610X551	
75-2420	IZ®	139.5	95.3	54.6	58.7	62.8	2091.8	27.49	W27X336	B2
		7497.4	2420	266.7	286.6	306.5	285649.9	8.38	W690X500	
76-2353	IZ®	141.6	92.6	46.7	50.9	55.1	2832.9	28.35	W40X264	B2
		7615.4	2353	228.2	248.7	269.1	386862.1	8.64	W1000X393	
76-2454	IZ®	142.1	96.6	48.3	52.3	56.3	2476	28.81	W33X291	B2
		7641.3	2454	235.8	255.4	275	338126.2	8.78	W840X433	
77-2472	IZ®	143	97.3	46.6	50.6	54.6	2612.8	29.33	W36X280	B2
		7689.8	2472	227.4	246.9	266.4	356804.5	8.94	W920X417	
78-2440	IZ®	145.8	96.1	52.9	56.9	60.9	2362.6	28.18	W30X326	B2
		7840.4	2440	258	277.8	297.5	322632.7	8.59	W760X484	
79-2492	IZ®	146.9	98.1	86.1	90	94	1535.8	26.71	W14X605	B2
		7899.3	2492	420.2	439.6	458.9	209725.5	8.14	W360X900	
80-2354	IZ®	147.9	92.7	48.6	52.8	57	2969.1	28.35	W40X278	B2
		7950	2354	237.5	257.9	278.4	405452.4	8.64	W1000X415	
81-2422	IZ®	150.7	95.4	58.6	62.7	66.8	2290.4	27.56	W27X368	B2
		8103.1	2422	286.2	306.1	326	312778.9	8.4	W690X548	
82-2473	IZ®	152.1	97.4	49	53	57	2792.9	29.36	W36X300	B2
		8175.6	2473	239.4	258.8	278.3	381390.1	8.95	W920X446	
82-2452	IZ®	152.5	96.5	46.5	50.5	54.5	3025.2	29.59	W40X277	B2
		8196.8	2452	227	246.6	266.3	413118.9	9.02	W1000X412	
83-2456	IZ®	153.8	96.7	51.6	55.6	59.6	2704.4	28.87	W33X318	B2
		8271.2	2456	251.9	271.5	291.1	369310	8.8	W840X473	
83-2450	IZ®	154.6	96.5	44.8	48.8	52.8	3346.9	30.18	W44X262	B2
		8310.1	2450	218.5	238.2	257.9	457053.7	9.2	W1100X390	

* 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 IZ®.

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
85-2443	IZ [®]	158.2	96.2	56.7	60.7	64.7	2594.5	28.28	W30X357	B2
		8506.5	2443	276.7	296.4	316.1	354296.6	8.62	W760X531	
86-2498	IZ [®]	159.7	98.3	92.9	96.9	100.8	1729.5	26.87	W14X665	B2
		8588.4	2498	453.8	473.1	492.4	236181.3	8.19	W360X990	
86-2452	IZ [®]	160.3	96.5	49.1	53.1	57.1	3192.9	29.59	W40X297	B2
		8617.1	2452	239.5	259.1	278.8	436024	9.02	W1000X443	
89-2472	IZ [®]	164.9	97.3	52.4	56.4	60.4	3058.6	29.4	W36X328	B2
		8868	2472	256	275.5	294.9	417683.7	8.96	W920X488	
91-2459	IZ [®]	168.9	96.8	56	60	64	3002.9	28.94	W33X354	B2
		9082.4	2459	273.3	292.9	312.5	410068.5	8.82	W840X527	
91-2452	IZ [®]	169.8	96.5	48.3	52.4	56.4	3703.6	30.25	W44X290	B2
		9129.2	2452	236	255.6	275.2	505760	9.22	W1100X433	
92-2358	IZ [®]	171	92.8	54.8	58.9	63.1	3487.7	28.48	W40X327	B2
		9194.5	2358	267.3	287.8	308.2	476274.2	8.68	W1000X486	
92-2446	IZ [®]	171.4	96.3	60.9	65	69	2843.7	28.35	W30X391	B2
		9213	2446	297.5	317.2	336.9	388328.9	8.64	W760X582	
93-2359	IZ [®]	172.5	92.9	55.4	59.6	63.8	3517.3	28.51	W40X331	B2
		9272.5	2359	270.6	291	311.4	480314.7	8.69	W1000X494	
94-2454	IZ [®]	174.2	96.6	52.4	56.4	60.4	3498.6	29.69	W40X324	B2
		9367.9	2454	255.6	275.2	294.9	477764.8	9.05	W1000X483	
94-2504	IZ [®]	174.7	98.6	100.4	104.4	108.3	1957.3	27.03	W14X730	B2
		9395.1	2504	490.3	509.6	528.8	267291.6	8.24	W360X1086	
96-2475	IZ [®]	178.3	97.4	56.1	60.1	64.1	3333.9	29.46	W36X359	B2
		9584.6	2475	274.1	293.5	313	455270.6	8.98	W920X534	
98-2461	IZ [®]	182.7	96.9	60	64.1	68.1	3284.2	29.04	W33X387	B2
		9824.4	2461	293.2	312.7	332.3	448481.9	8.85	W840X576	
101-2521	IZ [®]	187.6	99.3	109.3	113.2	117.1	2142.3	27.2	W14X808	B2
		10087.9	2521	533.7	552.8	571.9	292547.9	8.29	W360X1202	

* 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 IZ[®].

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
102-2455	IZ®	189.8	96.7	53.6	57.6	61.6	4177.6	30.31	W44X335	B2
		10205.6	2455	261.6	281.2	300.8	570493.4	9.24	W1100X499	
103-2457	IZ®	191.5	96.7	57	61	65	3882.9	29.76	W40X362	B2
		10296.1	2457	278.3	297.9	317.5	530247.7	9.07	W1000X539	
104-2477	IZ®	193.5	97.5	60.4	64.4	68.3	3657.5	29.56	W36X393	B2
		10405.5	2477	294.7	314.2	333.6	499463.3	9.01	W920X585	
105-2458	IZ®	195.5	96.8	58.2	62.2	66.2	3971	29.79	W40X372	B2
		10509.1	2458	284.3	303.8	323.4	542269	9.08	W1000X554	
109-2364	IZ®	201.7	93.1	63.1	67.3	71.5	4193.8	28.67	W40X392	B2
		10846.5	2364	308.2	328.5	348.9	572696.3	8.74	W1000X584	
112-2459	IZ®	208.5	96.8	61.3	65.3	69.3	4268.1	29.82	W40X397	B2
		11208.7	2459	299.1	318.7	338.3	582849.9	9.09	W1000X591	
114-2437	IZ®	211.8	95.9	79.4	83.5	87.5	3443.9	28.02	W27X539	B2
		11387.4	2437	387.8	407.6	427.4	470299.9	8.54	W690X802	
115-2481	IZ®	214	97.7	65.8	69.8	73.8	4095.6	29.66	W36X439	B2
		11508	2481	321.5	340.9	360.3	559290.5	9.04	W920X653	
120-2462	IZ®	224	96.9	65.4	69.4	73.5	4620.8	29.92	W40X431	B2
		12042.2	2462	319.5	339.1	358.6	631009.1	9.12	W1000X642	
136-2487	IZ®	253.6	97.9	76.4	80.4	84.4	4971.7	29.86	W36X527	B2
		13633.1	2487	373.1	392.5	411.8	678925.9	9.1	W920X784	
139-2467	IZ®	259	97.1	74.2	78.2	82.2	5444.9	30.09	W40X503	B2
		13924.1	2467	362.4	382	401.5	743544.7	9.17	W1000X748	
163-2474	IZ®	303.7	97.4	85.4	89.4	93.4	6527.5	30.28	W40X593	B2
		16325.8	2474	416.9	436.4	455.9	891390.1	9.23	W1000X883	
166-2496	IZ®	308.8	98.3	91.1	95	99	6248.1	30.12	W36X650	B2
		16600	2496	444.7	464	483.3	853238.1	9.18	W920X967	
203-2507	IZ®	377.4	98.7	108.6	112.6	116.5	7919.1	30.45	W36X798	B2
		20289.3	2507	530.4	549.7	568.9	1081419.4	9.28	W920X1188	

* 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 IZ®.

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.

LEGAL DISCLAIMER

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