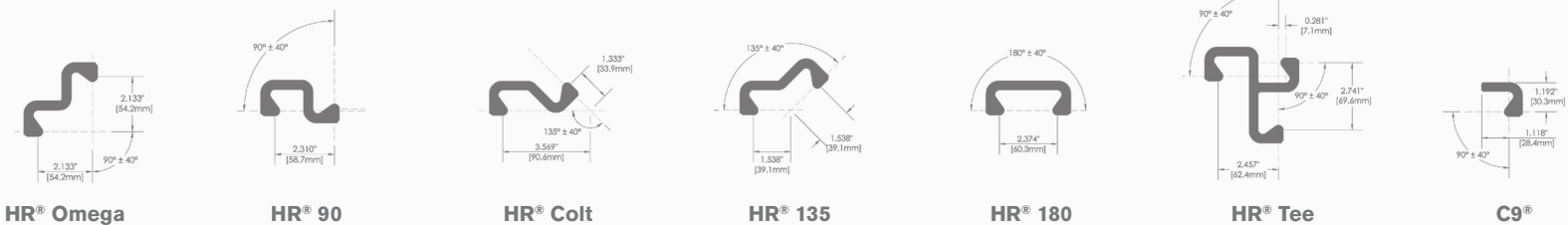


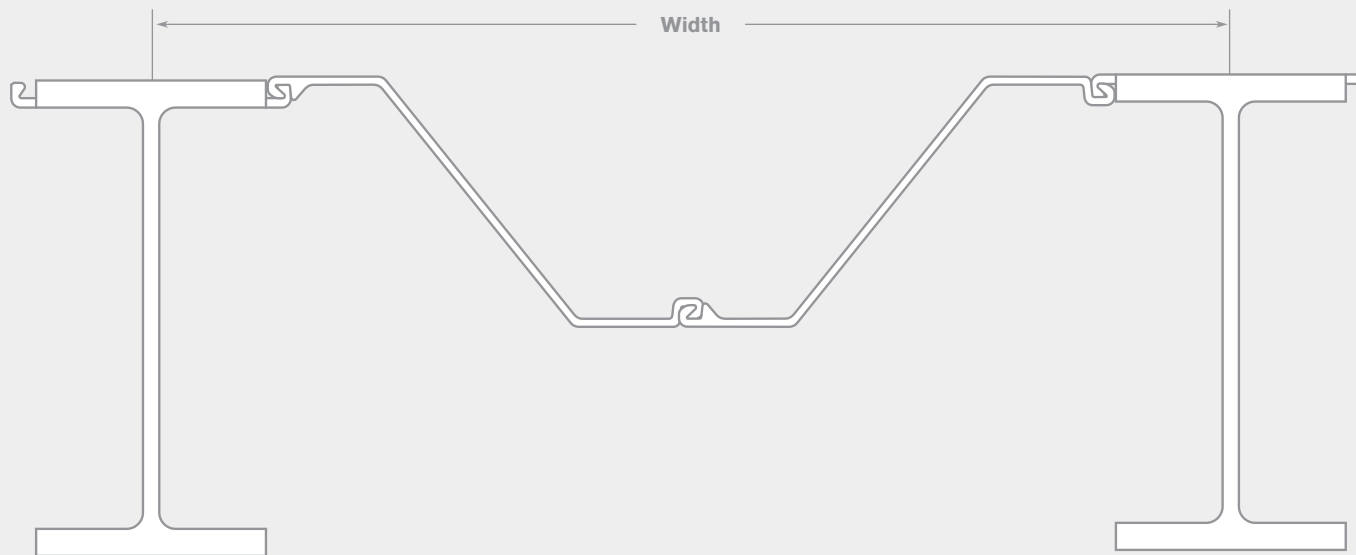


PilePro[®] Sheet Pile Connectors



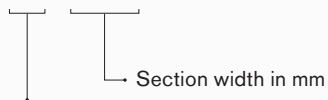


Configuration B3



SECTION NAME:

69 - 2740



Section width in mm

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)	
27-1963	IZ®	50.5	77.3	29.5	33.1	36.7	365.7	20.08	W14X120	B3
		2714.3	1963	143.9	161.4	179	49942.9	6.12	W360X179	
28-1843	IZ®	51.1	72.6	25.5	29.3	33.1	681.6	20.54	W27X84	B3
		2745.7	1843	124.3	143	161.7	93080.6	6.26	W690X125	
28-1874	IZ®	51.6	73.8	28.6	32.3	36.1	483.7	19.62	W18X106	B3
		2775.4	1874	139.4	157.8	176.2	66054.4	5.98	W460X158	
29-1964	IZ®	53.2	77.3	31.3	34.9	38.4	389.6	20.11	W14X132	B3
		2860.2	1964	152.6	170.2	187.7	53200	6.13	W360X196	
29-1902	IZ®	53.3	74.9	27.4	31.1	34.8	569.6	20.44	W21X101	B3
		2865	1902	133.6	151.8	169.9	77784.3	6.23	W530X150	
29-1820	IZ®	53.7	71.7	27.5	31.3	35.2	652.5	19.85	W24X94	B3
		2888.4	1820	134	153	171.9	89108.1	6.05	W610X140	
30-1996	IZ®	54.9	78.6	32.3	35.8	39.4	439.3	20.7	HP16x141	B3
		2952.1	1996.4	157.6	174.9	192.1	59986.5	6.31	HP410x211	
30-2041	IZ®	55.2	80.3	30.7	34.1	37.6	483.7	21.56	HP18x135	B3
		2966.7	2040.8	149.7	166.6	183.5	66047.8	6.57	HP360x202	
30-1854	IZ®	55.5	73	26.2	30	33.8	820.1	21.16	W30X90	B3
		2986.3	1854	127.8	146.4	165	111986.7	6.45	W760X134	
30-1876	IZ®	55.7	73.9	30.7	34.4	38.2	528.5	19.65	W18X119	B3
		2994.7	1876	149.7	168.1	186.5	72172.3	5.99	W460X177	
30-1907	IZ®	55.8	75.1	35.5	39.2	42.9	382.1	19.16	W12X152	B3
		2998.7	1907	173.2	191.3	209.4	52177.9	5.84	W310X226	
30-1844	IZ®	56	72.6	27	30.8	34.7	753.4	20.6	W27X94	B3
		3008.5	1844	131.9	150.6	169.3	102889.6	6.28	W690X140	
30-1984	IZ®	56	78.1	33	36.5	40.1	413.5	20.37	W14X145	B3
		3011.5	1984	161	178.3	195.7	56465	6.21	W360X216	
30-1903	IZ®	56.6	74.9	29	32.7	36.4	608	20.47	W21X111	B3
		3041.1	1903	141.4	159.5	177.6	83022.5	6.24	W530X165	

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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)	
31-1914	IZ®	57	75.4	27.7	31.4	35.1	685	21.03	W24X104	B3
		3061.9	1914	135.3	153.3	171.3	93541.6	6.41	W610X155	
31-1819	IZ®	57.6	71.6	28.9	32.8	36.6	705.9	19.85	W24X103	B3
		3094.4	1819	141	160	178.9	96390.6	6.05	W610X153	
32-1985	IZ®	59.2	78.1	35.1	38.7	42.3	442.7	20.41	W14X159	B3
		3181.7	1985	171.5	188.9	206.3	60451.6	6.22	W360X237	
32-1909	IZ®	59.4	75.2	38.3	42	45.7	416.2	19.23	W12X170	B3
		3193.2	1909	187	205.1	223.1	56838.2	5.86	W310X253	
32-1873	IZ®	59.5	73.7	32.5	36.3	40.1	572.5	19.69	W18X130	B3
		3197.3	1873	158.8	177.2	195.6	78173.9	6	W460X193	
32-1855	IZ®	59.6	73	27.7	31.5	35.3	883.1	21.19	W30X99	B3
		3203.2	1855	135.3	153.9	172.5	120599.4	6.46	W760X147	
32-2000	IZ®	59.9	78.7	35.3	38.9	42.4	487.9	20.8	HP16x162	B3
		3218.3	1999.6	172.6	189.8	207	66621.4	6.34	HP410x242	
32-1844	IZ®	60.1	72.6	28.4	32.2	36.1	813.4	20.64	W27X102	B3
		3229	1844	138.7	157.4	176.1	111076.2	6.29	W690X152	
32-1905	IZ®	60.3	75	30.6	34.3	38	653.9	20.51	W21X122	B3
		3241.3	1905	149.5	167.6	185.7	89296.5	6.25	W530X182	
33-2044	IZ®	60.7	80.5	33.8	37.3	40.7	538.3	21.62	HP18x157	B3
		3265.9	2044	165.1	182	198.8	73515.8	6.59	HP360x234	
33-1915	IZ®	62.2	75.4	29.7	33.4	37.1	753.9	21.06	W24X117	B3
		3342.7	1915	145	163	181	102954.4	6.42	W610X174	
34-1988	IZ®	62.9	78.3	37.7	41.2	44.8	478.9	20.47	W14X176	B3
		3379.6	1988	183.9	201.3	218.6	65395.6	6.24	W360X262	
34-1912	IZ®	63.3	75.3	41.4	45	48.7	455.1	19.29	W12X190	B3
		3405.1	1912	201.9	219.9	238	62143.9	5.88	W310X283	
34-1875	IZ®	63.5	73.8	34.5	38.3	42.1	619.1	19.72	W18X143	B3
		3416.1	1875	168.6	187	205.4	84549.5	6.01	W460X213	

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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)	
34-1906	IZ®	63.8	75	32.2	35.9	39.6	696	20.54	W21X132	B3
		3431.2	1906	157.2	175.3	193.4	95045.3	6.26	W530X196	
35-1856	IZ®	64.5	73.1	29.2	33	36.8	962.2	21.23	W30X108	B3
		3466.9	1856	142.4	161	179.6	131396.3	6.47	W760X161	
35-2009	IZ®	64.7	79.1	38.5	42	45.5	534.2	20.93	HP16x183	B3
		3478.5	2009.1	187.9	205	222.2	72950.6	6.38	HP410x272	
35-1846	IZ®	65.1	72.7	30.3	34.1	37.9	888.4	20.67	W27X114	B3
		3501.3	1846	147.9	166.6	185.3	121320.9	6.3	W690X170	
36-1989	IZ®	67	78.3	40.2	43.8	47.3	518.7	20.54	W14X193	B3
		3604.6	1989	196.5	213.8	231.1	70831.2	6.26	W360X287	
36-2047	IZ®	67.2	80.6	37.3	40.8	44.2	605.2	21.69	HP18x181	B3
		3615.2	2047.2	182.1	199	215.8	82644.3	6.61	HP360x269	
36-1915	IZ®	67.3	75.4	44.6	48.3	51.9	495.4	19.39	W12X210	B3
		3617.5	1915	217.6	235.6	253.6	67646.8	5.91	W310X313	
37-1917	IZ®	67.8	75.5	31.9	35.6	39.3	830.1	21.13	W24X131	B3
		3645	1917	155.9	173.9	191.9	113359.7	6.44	W610X195	
37-1877	IZ®	67.9	73.9	36.9	40.7	44.4	669.6	19.78	W18X158	B3
		3650.4	1877	180.2	198.5	216.9	91442.8	6.03	W460X235	
37-1908	IZ®	69	75.1	34.6	38.3	42	761	20.6	W21X147	B3
		3711.6	1908	169	187.1	205.2	103924.5	6.28	W530X219	
37-1857	IZ®	69.1	73.1	30.5	34.3	38.2	1037	21.26	W30X116	B3
		3716.8	1857	149.1	167.7	186.3	141611.4	6.48	W760X173	
38-1991	IZ®	71.3	78.4	42.9	46.5	50	559.7	20.57	W14X211	B3
		3831	1991	209.7	227	244.3	76428.7	6.27	W360X314	
39-1918	IZ®	71.8	75.5	47.7	51.4	55	539.6	19.46	W12X230	B3
		3858.2	1918	232.8	250.8	268.7	73691.8	5.93	W310X342	
39-1844	IZ®	72.5	72.6	32.8	36.6	40.4	1001.6	20.7	W27X129	B3
		3896.7	1844	160	178.7	197.4	136774.2	6.31	W690X192	

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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)	
39-1882	IZ®	73.1	74.1	30.4	34.1	37.9	1201.2	22.08	W33X118	B3
		3928.9	1882	148.4	166.7	185	164029.6	6.73	W840X176	
40-1879	IZ®	73.4	74	39.6	43.4	47.1	735.8	19.85	W18X175	B3
		3948	1879	193.3	211.7	230	100476.4	6.05	W460X260	
40-2050	IZ®	73.5	80.7	40.8	44.2	47.7	673.1	21.75	HP18x204	B3
		3951.4	2050.4	199.2	216	232.8	91912.9	6.63	HP460x304	
40-1857	IZ®	73.5	73.1	31.8	35.6	39.4	1108.4	21.29	W30X124	B3
		3952.2	1857	155	173.6	192.2	151368.5	6.49	W760X185	
40-1918	IZ®	74.6	75.5	34.3	37.9	41.6	921.8	21.19	W24X146	B3
		4009	1918	167.3	185.3	203.3	125881.3	6.46	W610X217	
41-1920	IZ®	76	75.6	51.1	54.7	58.4	585.3	19.52	W12X252	B3
		4088.3	1920	249.3	267.3	285.2	79926	5.95	W310X375	
41-1994	IZ®	76.2	78.5	46.3	49.8	53.3	610.7	20.67	W14X233	B3
		4097.9	1994	225.9	243.2	260.5	83391.4	6.3	W360X347	
42-1905	IZ®	77.1	75	37.7	41.4	45.1	866.9	20.6	W21X166	B3
		4146.7	1905	184.1	202.2	220.3	118389.4	6.28	W530X248	
42-1858	IZ®	77.5	73.1	33.1	36.9	40.7	1175.4	21.33	W30X132	B3
		4169	1858	161.7	180.3	198.8	160507.2	6.5	W760X196	
43-1945	IZ®	79.8	76.6	33.9	37.5	41.1	1091.8	21.98	W27X146	B3
		4290.7	1945	165.4	183.1	200.8	149101	6.7	W690X217	
43-1882	IZ®	80.4	74.1	32.4	36.1	39.9	1330.1	22.11	W33X130	B3
		4324.7	1882	158	176.3	194.6	181637.3	6.74	W840X193	
44-1919	IZ®	81.1	75.6	36.8	40.5	44.2	1013.6	21.23	W24X162	B3
		4359.5	1919	179.9	197.9	215.8	138415.3	6.47	W610X241	
44-1996	IZ®	81.7	78.6	49.9	53.5	57	669.3	20.73	W14X257	B3
		4393.9	1996	243.8	261	278.3	91392.9	6.32	W360X382	
44-1924	IZ®	81.9	75.7	55.1	58.8	62.5	649.4	19.62	W12X279	B3
		4401.3	1924	269.2	287.1	305	88686.9	5.98	W310X415	

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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)	
44-1908	IZ [®]	82.7	75.1	40.3	44	47.7	939	20.67	W21X182	B3
		4444.6	1908	196.6	214.6	232.7	128226.9	6.3	W530X272	
46-1894	IZ [®]	85.3	74.6	32.9	36.6	40.4	1516.6	22.67	W36X135	B3
		4586.9	1894	160.7	178.9	197.1	207100.4	6.91	W920X201	
47-1946	IZ [®]	86.5	76.6	36.3	39.9	43.5	1193.6	22.01	W27X161	B3
		4650.3	1946	177	194.7	212.4	162993.1	6.71	W690X240	
47-1856	IZ [®]	86.6	73.1	35.8	39.6	43.4	1327.6	21.36	W30X148	B3
		4654.6	1856	174.6	193.2	211.7	181296.3	6.51	W760X220	
47-1883	IZ [®]	87.1	74.1	34.1	37.9	41.6	1450.8	22.15	W33X141	B3
		4683.7	1883	166.7	185	203.3	198119.2	6.75	W840X210	
47-1917	IZ [®]	87.1	75.5	39	42.7	46.4	1099.2	21.23	W24X176	B3
		4683.7	1917	190.3	208.3	226.3	150111.9	6.47	W610X262	
47-1926	IZ [®]	87.9	75.8	59.3	62.9	66.6	717.8	19.72	W12X305	B3
		4724.2	1926	289.3	307.2	325.1	98026.3	6.01	W310X454	
47-1999	IZ [®]	88.3	78.7	53.8	57.3	60.9	738.3	20.8	W14X283	B3
		4744.7	1999	262.6	279.9	297.1	100825.9	6.34	W360X421	
48-1909	IZ [®]	89.6	75.2	43.3	47	50.7	1031.3	20.73	W21X201	B3
		4814.6	1909	211.3	229.3	247.4	140827.3	6.32	W530X300	
50-1919	IZ [®]	93.2	75.6	41.5	45.1	48.8	1186.4	21.29	W24X192	B3
		5008.2	1919	202.4	220.4	238.3	162014.7	6.49	W610X285	
50-1884	IZ [®]	93.6	74.2	35.9	39.7	43.4	1567.3	22.21	W33X152	B3
		5030.1	1884	175.3	193.6	211.9	214028.6	6.77	W840X226	
50-1948	IZ [®]	93.7	76.7	38.9	42.5	46.1	1301.8	22.08	W27X178	B3
		5036.1	1948	189.7	207.4	225.1	177774	6.73	W690X265	
51-2002	IZ [®]	94.7	78.8	58	61.5	65	811	20.9	W14X311	B3
		5091.6	2002	283	300.2	317.5	110742.9	6.37	W360X463	
51-1930	IZ [®]	94.8	76	64	67.7	71.4	796.6	19.82	W12X336	B3
		5095.3	1930	312.7	330.6	348.4	108785.2	6.04	W310X500	

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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)	
51-1894	IZ [®]	95.6	74.6	35.4	39.1	42.8	1714.9	22.74	W36X150	B3
		5141.3	1894	172.7	190.9	209.2	234185	6.93	W920X223	
52-1890	IZ [®]	97.4	74.4	35.3	39	42.8	1860.1	23.06	W40X149	B3
		5237.5	1890	172.3	190.5	208.8	254019.2	7.03	W1000X222	
53-1971	IZ [®]	98	77.6	37.6	41.2	44.8	1490.9	22.83	W30X173	B3
		5267.8	1971	183.5	201	218.5	203602.3	6.96	W760X257	
53-1920	IZ [®]	99.4	75.6	43.9	47.5	51.2	1277.9	21.33	W24X207	B3
		5344.9	1920	214.2	232.1	250.1	174512	6.5	W610X307	
55-1895	IZ [®]	101.6	74.6	37	40.7	44.4	1830.5	22.77	W36X160	B3
		5463.8	1895	180.5	198.7	216.9	249967.7	6.94	W920X238	
55-1946	IZ [®]	102.1	76.6	41.4	45	48.6	1435.7	22.08	W27X194	B3
		5491.9	1946	202	219.7	237.5	196059.6	6.73	W690X289	
55-2006	IZ [®]	102.2	79	62.6	66.1	69.6	897.6	21	W14X342	B3
		5496.5	2006	305.5	322.7	339.9	122572.9	6.4	W360X509	
56-1882	IZ [®]	103.7	74.1	38.5	42.3	46	1752.8	22.21	W33X169	B3
		5573.1	1882	188	206.3	224.7	239363.3	6.77	W840X251	
58-1972	IZ [®]	106.9	77.6	40.3	43.9	47.5	1639.4	22.87	W30X191	B3
		5747.7	1972	197	214.4	231.9	223874.2	6.97	W760X284	
58-1896	IZ [®]	107.8	74.6	38.6	42.3	46	1949.8	22.8	W36X170	B3
		5794.6	1896	188.3	206.5	224.7	266261.4	6.95	W920X253	
58-1923	IZ [®]	108.1	75.7	47.3	51	54.7	1406.2	21.42	W24X229	B3
		5810.1	1923	231	248.9	266.8	192023.1	6.53	W610X341	
59-2008	IZ [®]	109.5	79.1	66.8	70.3	73.8	981	21.06	W14X370	B3
		5888.7	2008	326	343.1	360.3	133968.1	6.42	W360X551	
60-1890	IZ [®]	111.4	74.4	38.2	41.9	45.7	2148.4	23.13	W40X167	B3
		5987.3	1890	186.4	204.6	222.9	293378.5	7.05	W1000X249	
61-1949	IZ [®]	112.5	76.7	44.9	48.6	52.2	1599.6	22.18	W27X217	B3
		6051.1	1949	219.4	237.1	254.8	218443	6.76	W690X323	

* 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)	
62-1897	IZ [®]	114.5	74.7	40.5	44.2	47.9	2080.5	22.83	W36X182	B3
		6156.4	1897	197.7	215.9	234.1	284115.7	6.96	W920X271	
63-2011	IZ [®]	116.2	79.2	70.9	74.4	77.9	1063.9	21.13	W14X398	B3
		6248.9	2011	346.2	363.3	380.5	145287.8	6.44	W360X592	
63-1974	IZ [®]	116.7	77.7	43.4	47	50.6	1805.5	22.93	W30X211	B3
		6273.7	1974	211.9	229.3	246.8	246556.6	6.99	W760X314	
63-1925	IZ [®]	116.8	75.8	50.6	54.3	57.9	1538.6	21.49	W24X250	B3
		6281.2	1925	247	264.9	282.9	210106	6.55	W610X372	
64-1990	IZ [®]	119	78.3	41.5	45.1	48.6	2003.1	23.59	W33X201	B3
		6398.5	1990	202.7	220	237.3	273535.6	7.19	W840X299	
65-1950	IZ [®]	120.3	76.8	47.8	51.4	55	1723.4	22.21	W27X235	B3
		6465.5	1950	233.4	251.1	268.8	235344.2	6.77	W690X350	
65-1898	IZ [®]	121	74.7	42.3	46.1	49.8	2207.3	22.87	W36X194	B3
		6503.3	1898	206.7	224.9	243	301428.3	6.97	W920X289	
67-2014	IZ [®]	123.6	79.3	75	78.5	82	1153.7	21.23	W14X426	B3
		6647.7	2014	366.3	383.4	400.5	157550.5	6.47	W360X634	
67-1890	IZ [®]	124.6	74.4	40.7	44.5	48.2	2428.8	23.2	W40X183	B3
		6700.5	1890	198.9	217.1	235.4	331676.7	7.07	W1000X272	
69-1928	IZ [®]	128.1	75.9	55.1	58.8	62.4	1711.8	21.56	W24X279	B3
		6885.6	1928	269	286.9	304.8	233765	6.57	W610X415	
70-1972	IZ [®]	129.5	77.6	47.1	50.7	54.3	2027.4	22.97	W30X235	B3
		6965	1972	230	247.5	265	276857.5	7	W760X350	
70-1899	IZ [®]	129.7	74.8	44.9	48.7	52.4	2380.4	22.9	W36X210	B3
		6975.6	1899	219.4	237.6	255.7	325060.9	6.98	W920X313	
70-1991	IZ [®]	130	78.4	44.6	48.1	51.7	2205.3	23.65	W33X221	B3
		6987.2	1991	217.6	234.9	252.2	301149.2	7.21	W840X329	
70-2018	IZ [®]	130.3	79.4	79.3	82.8	86.3	1239.1	21.33	W14X455	B3
		7006.4	2018	387	404.1	421.1	169204.2	6.5	W360X677	

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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)	
70-1952	IZ [®]	130.5	76.9	51.2	54.8	58.5	1891.2	22.28	W27X258	B3
		7018.1	1952	250.1	267.7	285.4	258266.8	6.79	W690X384	
71-1990	IZ [®]	131.8	78.3	41.1	44.7	48.2	2548.5	24.44	W40X199	B3
		7087.9	1990	200.7	218	235.4	348017.3	7.45	W1000X296	
75-1930	IZ [®]	139	76	59.2	62.9	66.5	1885.6	21.62	W24X306	B3
		7474.4	1930	289.1	307	324.8	257492.8	6.59	W610X455	
76-2008	IZ [®]	140.6	79.1	45.5	49	52.5	2523.8	24.21	W36X230	B3
		7558	2008	222	239.1	256.3	344643	7.38	W920X342	
76-1993	IZ [®]	140.8	78.5	47.6	51.1	54.7	2405.8	23.72	W33X241	B3
		7570	1993	232.3	249.6	266.9	328537.2	7.23	W840X359	
76-1954	IZ [®]	141.1	76.9	54.9	58.5	62.1	2066.3	22.34	W27X281	B3
		7585.2	1954	267.9	285.5	303.2	282169.4	6.81	W690X419	
76-1890	IZ [®]	141.2	74.4	45.2	49	52.7	2779	23.23	W40X211	B3
		7590.1	1890	220.9	239.1	257.4	379503.9	7.08	W1000X314	
76-1975	IZ [®]	141.7	77.8	51.1	54.7	58.3	2240.3	23.03	W30X261	B3
		7619.8	1975	249.5	267	284.4	305933.5	7.02	W760X389	
76-2022	IZ [®]	142.1	79.6	85.9	89.4	92.8	1393.2	21.42	W14X500	B3
		7640.9	2022	419.2	436.3	453.3	190257.7	6.53	W360X744	
78-1898	IZ [®]	144.2	74.7	48.4	52.1	55.8	2676.4	22.93	W36X232	B3
		7751.6	1898	236.1	254.2	272.4	365487.3	6.99	W920X345	
78-1990	IZ [®]	145.4	78.3	43.7	47.2	50.8	2833	24.51	W40X215	B3
		7815.5	1990	213.3	230.7	248	386868.8	7.47	W1000X321	
80-2009	IZ [®]	149.4	79.1	47.8	51.3	54.8	2694.3	24.25	W36X245	B3
		8033.3	2009	233.2	250.4	267.5	367926	7.39	W920X365	
81-1933	IZ [®]	150.7	76.1	63.8	67.4	71.1	2073	21.72	W24X335	B3
		8099.8	1933	311.4	329.2	347.1	283088.5	6.62	W610X498	
82-1957	IZ [®]	152.1	77	58.7	62.3	65.9	2251	22.41	W27X307	B3
		8175.5	1957	286.7	304.3	322	307397.6	6.83	W690X457	

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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)	
83-1991	IZ®	154.3	78.4	51	54.6	58.1	2663.2	23.72	W33X263	B3
		8293.8	1991	249.1	266.4	283.7	363681.2	7.23	W840X392	
84-2027	IZ®	155.3	79.8	92.9	96.4	99.9	1571.4	21.59	W14X550	B3
		8349.6	2027	453.8	470.8	487.8	214584.5	6.58	W360X818	
84-1892	IZ®	155.4	74.5	49	52.7	56.5	3083	23.29	W40X235	B3
		8353.5	1892	239.3	257.5	275.8	421017.2	7.1	W1000X350	
85-1977	IZ®	157.3	77.8	55.8	59.3	62.9	2517	23.1	W30X292	B3
		8455.4	1977	272.3	289.7	307.2	343712	7.04	W760X434	
85-1900	IZ®	157.7	74.8	52.3	56	59.7	2952.2	23	W36X256	B3
		8478.4	1900	255.2	273.4	291.5	403150.2	7.01	W920X381	
85-2010	IZ®	158	79.1	50	53.5	57	2864.9	24.28	W36X260	B3
		8495.6	2010	244	261.2	278.3	391221.2	7.4	W920X387	
87-1990	IZ®	162.6	78.3	46	49.5	53.1	3488.3	25.13	W44X230	B3
		8740.6	1990	224.4	241.7	259	476362.4	7.66	W1100X343	
89-1937	IZ®	164.6	76.3	69.2	72.9	76.5	2304.3	21.82	W24X370	B3
		8851.4	1937	337.9	355.7	373.5	314668.3	6.65	W610X551	
89-1960	IZ®	165.1	77.2	63.1	66.7	70.4	2476.6	22.51	W27X336	B3
		8876.6	1960	308.3	325.9	343.5	338198.8	6.86	W690X500	
89-1990	IZ®	165.9	78.3	48.9	52.4	56	3264.9	24.54	W40X249	B3
		8917.1	1990	238.6	255.9	273.2	445852.7	7.48	W1000X371	
91-1994	IZ®	168.9	78.5	55.2	58.8	62.3	2942.9	23.82	W33X291	B3
		9082.1	1994	269.6	286.9	304.2	401884.9	7.26	W840X433	
91-2012	IZ®	170.1	79.2	53	56.6	60.1	3106.8	24.34	W36X280	B3
		9143.6	2012	259	276.1	293.3	424263.2	7.42	W920X417	
92-2032	IZ®	170.4	80	101.4	104.9	108.4	1781.1	21.72	W14X605	B3
		9161	2032	495.2	512.1	529.1	243224.8	6.62	W360X900	
92-1893	IZ®	170.6	74.5	53.7	57.4	61.1	3411.5	23.36	W40X264	B3
		9170.6	1893	262	280.2	298.4	465865.5	7.12	W1000X393	

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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)	
93-1980	IZ®	173.2	78	60.9	64.5	68	2806.4	23.2	W30X326	B3
		9313.3	1980	297.3	314.7	332.1	383242.8	7.07	W760X484	
96-1894	IZ®	178.3	74.6	56	59.7	63.5	3580.4	23.36	W40X278	B3
		9586.8	1894	273.5	291.7	309.9	488929.1	7.12	W1000X415	
96-1962	IZ®	179.1	77.2	68.1	71.7	75.3	2721.4	22.57	W27X368	B3
		9627.8	1962	332.4	350	367.5	371634.7	6.88	W690X548	
97-2013	IZ®	181.2	79.3	56.1	59.6	63.1	3327.7	24.38	W36X300	B3
		9741.3	2013	273.7	290.8	307.9	454433.4	7.43	W920X446	
98-1992	IZ®	182.4	78.4	53	56.6	60.1	3619.4	24.61	W40X277	B3
		9806.7	1992	258.8	276.1	293.4	494259.3	7.5	W1000X412	
99-1996	IZ®	183.4	78.6	59.3	62.8	66.3	3223.5	23.88	W33X318	B3
		9858.7	1996	289.4	306.7	323.9	440191.5	7.28	W840X473	
100-1990	IZ®	185.5	78.3	50.9	54.4	58	4016.1	25.2	W44X262	B3
		9971.5	1990	248.4	265.8	283.1	548431.3	7.68	W1100X390	
100-2038	IZ®	186.4	80.2	109.8	113.3	116.7	2017.8	21.88	W14X665	B3
		10020.1	2038	536.1	553	569.9	275553.3	6.67	W360X990	
101-1983	IZ®	188.5	78.1	65.6	69.1	72.7	3091.4	23.29	W30X357	B3
		10135.9	1983	320.2	337.6	354.9	422160	7.1	W760X531	
103-1992	IZ®	192	78.4	56.2	59.7	63.3	3825.8	24.61	W40X297	B3
		10325.2	1992	274.2	291.5	308.8	522453.6	7.5	W1000X443	
106-2012	IZ®	197.1	79.2	60.2	63.7	67.3	3654.5	24.41	W36X328	B3
		10595.8	2012	294.1	311.2	328.4	499061.1	7.44	W920X488	
109-1999	IZ®	202	78.7	64.6	68.2	71.7	3589.8	23.95	W33X354	B3
		10857.6	1999	315.6	332.9	350.1	490222.7	7.3	W840X527	
110-1992	IZ®	204.2	78.4	55.3	58.8	62.4	4454.4	25.26	W44X290	B3
		10980	1992	269.9	287.2	304.5	608293.3	7.7	W1100X433	
110-1986	IZ®	204.7	78.2	70.8	74.4	77.9	3397.6	23.36	W30X391	B3
		11007.6	1986	345.8	363.1	380.5	463972.4	7.12	W760X582	

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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)	
110-2044	IZ®	205	80.5	118.9	122.4	125.8	2296.1	22.05	W14X730	B3
		11021.1	2044	580.6	597.5	614.3	313549.4	6.72	W360X1086	
111-1898	IZ®	207.1	74.7	63.6	67.3	71	4223.4	23.49	W40X327	B3
		11134	1898	310.5	328.7	346.9	576739.4	7.16	W1000X486	
112-1899	IZ®	208.9	74.8	64.4	68.1	71.9	4259.7	23.52	W40X331	B3
		11229.8	1899	314.5	332.6	350.8	581705.7	7.17	W1000X494	
113-1994	IZ®	209.2	78.5	60.2	63.8	67.3	4201.4	24.7	W40X324	B3
		11249.7	1994	294	311.3	328.6	573737.1	7.53	W1000X483	
115-2015	IZ®	213.5	79.3	64.8	68.3	71.8	3991.7	24.48	W36X359	B3
		11475.9	2015	316.3	333.4	350.5	545107.4	7.46	W920X534	
118-2001	IZ®	219	78.8	69.6	73.2	76.7	3935.2	24.05	W33X387	B3
		11771.9	2001	340	357.3	374.5	537386.7	7.33	W840X576	
119-2061	IZ®	220.7	81.1	129.6	133.1	136.5	2519.5	22.21	W14X808	B3
		11864.2	2061	632.9	649.7	666.4	344061.2	6.77	W360X1202	
123-1995	IZ®	228.9	78.5	61.7	65.3	68.8	5036.6	25.33	W44X335	B3
		12304.1	1995	301.3	318.6	335.9	687798.5	7.72	W1100X499	
124-1997	IZ®	230.5	78.6	65.9	69.5	73	4673.2	24.77	W40X362	B3
		12391.6	1997	321.9	339.1	356.4	638165	7.55	W1000X539	
125-2017	IZ®	232.2	79.4	70	73.5	77	4388.5	24.57	W36X393	B3
		12485.2	2017	341.6	358.7	375.8	599289.7	7.49	W920X585	
127-1998	IZ®	235.3	78.7	67.4	71	74.5	4781.1	24.8	W40X372	B3
		12653.1	1998	329.2	346.4	363.7	652899.9	7.56	W1000X554	
132-1904	IZ®	245.2	75	74	77.7	81.4	5097.7	23.69	W40X392	B3
		13184.5	1904	361.1	379.2	397.3	696140.1	7.22	W1000X584	
135-1999	IZ®	251.4	78.7	71.2	74.7	78.2	5146.2	24.84	W40X397	B3
		13514.7	1999	347.5	364.7	382	702763.8	7.57	W1000X591	
137-1977	IZ®	254.6	77.8	93.7	97.2	100.8	4140	23.03	W27X539	B3
		13689.1	1977	457.3	474.8	492.2	565360.5	7.02	W690X802	

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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)	
138-2021	IZ [®]	257.4	79.6	76.7	80.2	83.7	4924.9	24.67	W36X439	B3
		13838.2	2021	374.4	391.4	408.5	672536.7	7.52	W920X653	
145-2002	IZ [®]	270.4	78.8	76.3	79.8	83.3	5578.6	24.93	W40X431	B3
		14538.3	2002	372.4	389.6	406.9	761808.7	7.6	W1000X642	
165-2027	IZ [®]	305.9	79.8	89.6	93.1	96.6	5997.3	24.87	W36X527	B3
		16445.5	2027	437.5	454.5	471.6	818986.5	7.58	W920X784	
169-2007	IZ [®]	313.4	79	87.1	90.6	94.1	6589.2	25.1	W40X503	B3
		16850.4	2007	425.1	442.3	459.4	899811.4	7.65	W1000X748	
198-2014	IZ [®]	368.2	79.3	100.7	104.2	107.7	7915.1	25.3	W40X593	B3
		19796.4	2014	491.8	508.9	526.1	1080881.7	7.71	W1000X883	
201-2036	IZ [®]	373.5	80.2	107.5	111	114.5	7557.6	25.13	W36X650	B3
		20079	2036	525	542	558.9	1032062.4	7.66	W920X967	
246-2047	IZ [®]	457.3	80.6	129	132.4	135.9	9597	25.46	W36X798	B3
		24588.4	2047	629.6	646.5	663.3	1310559.5	7.76	W920X1188	

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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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