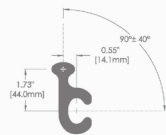


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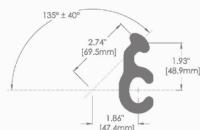
PilePro® Sheet Pile Connectors



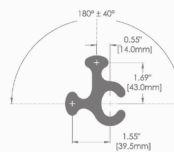
PZ 90



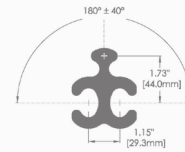
Colt



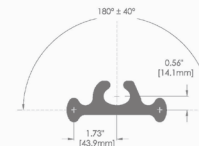
Cobra



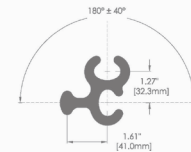
PZ Tee



Joker



Bullhead



PZT-S

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



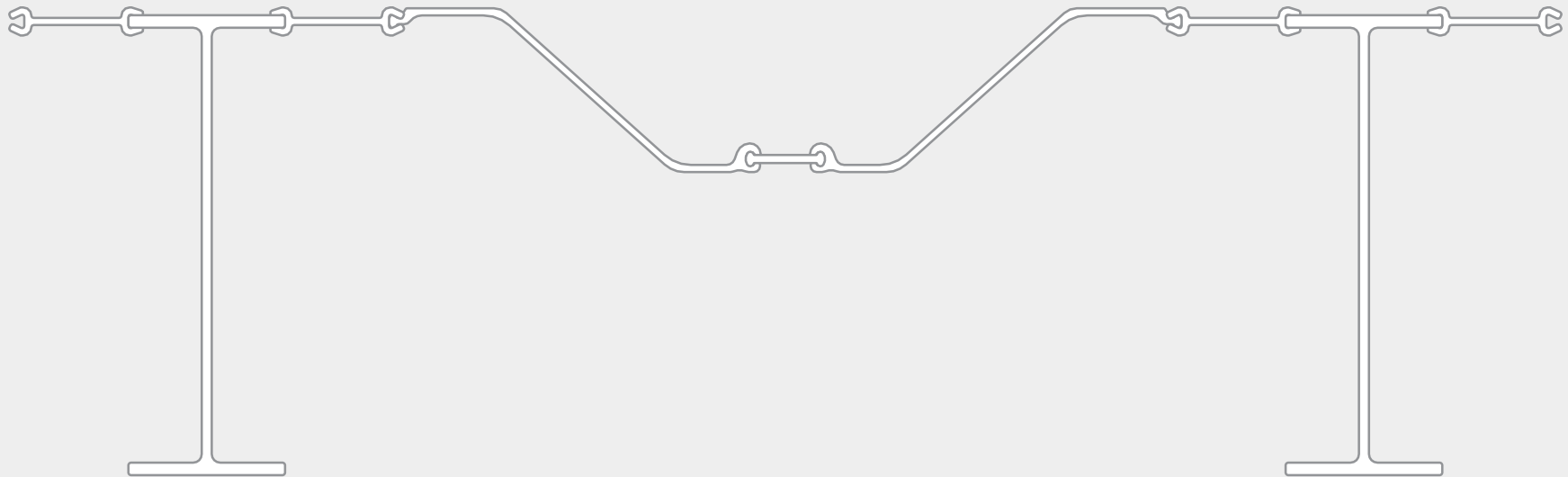
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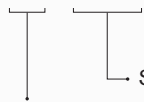


Configuration B3 (PZC 26)



SECTION NAME:

79 - 2045



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

*WOF[®] and WOM[®] are available in a wide range of sizes — 100% melted and manufactured in the USA and BABA 2021 compliant.
Sheet Pile LLC is the owner and assignee of numerous patents and IP, that may be related to this sheet pile solution.*



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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)	
35-2152	IZ®	64.6	84.7	21.8	27.4	33	497.2	22.38	W18X35	B3 (PZC 26)
		3472.6	2152	106.2	133.6	160.9	67896.9	6.82	W460X52	
36-2153	IZ®	66.2	84.8	22.5	28.1	33.6	512.3	22.45	W18X40	B3 (PZC 26)
		3558.7	2153	109.6	137	164.3	69952.8	6.84	W460X60	
36-2154	IZ®	67.7	84.8	23.3	28.9	34.5	526.7	22.48	W18X46	B3 (PZC 26)
		3637.9	2154	113.7	141.1	168.4	71923.4	6.85	W460X68	
37-2190	IZ®	68	86.2	23.4	29	34.5	530.4	22.94	W18X50	B3 (PZC 26)
		3658.4	2190	114.5	141.4	168.2	72437.1	6.99	W460X74	
37-2165	IZ®	68.8	85.2	22.9	28.5	34	551	23.04	W21X44	B3 (PZC 26)
		3697.8	2165	111.9	139	166.2	75243.2	7.02	W530X66	
37-2207	IZ®	69.3	86.9	23	28.5	33.9	557.1	23.6	W21X48	B3 (PZC 26)
		3723.2	2207	112.4	139.1	165.7	76078.7	7.19	W530X72	
37-2191	IZ®	69.4	86.3	24.2	29.7	35.2	543.5	22.94	W18X55	B3 (PZC 26)
		3730.1	2191	118.2	145	171.9	74225.3	6.99	W460X82	
38-2192	IZ®	70.7	86.3	24.9	30.3	35.8	556.6	22.97	W18X60	B3 (PZC 26)
		3802.3	2192	121.3	148.2	175	76012.2	7	W460X89	
38-2166	IZ®	70.9	85.3	23.7	29.3	34.9	572.7	23.07	W21X50	B3 (PZC 26)
		3809.7	2166	115.9	143	170.2	78210.5	7.03	W530X74	
39-2209	IZ®	71.9	87	24	29.5	34.9	584.4	23.63	W21X55	B3 (PZC 26)
		3865.9	2209	117.2	143.8	170.5	79805.3	7.2	W530X82	
39-2193	IZ®	72	86.3	25.5	31	36.5	569.4	23.01	W18X65	B3 (PZC 26)
		3871.4	2193	124.5	151.3	178.1	77758	7.01	W460X97	
40-2280	IZ®	73.4	89.8	26	31.3	36.6	582.9	24.12	W18X76	B3 (PZC 26)
		3946	2280	127	152.8	178.6	79605.6	7.35	W460X113	
40-2194	IZ®	73.4	86.4	26.4	31.9	37.4	584	23.04	W18X71	B3 (PZC 26)
		3947.9	2194	128.7	155.5	182.4	79751.1	7.02	W460X106	
40-2166	IZ®	73.6	85.3	24.7	30.3	35.8	601.2	23.1	W21X57	B3 (PZC 26)
		3955.3	2166	120.6	147.8	174.9	82101.3	7.04	W530X85	

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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)	
40-2209	IZ®	74.6	87	25	30.4	35.9	612.8	23.66	W21X62	B3 (PZC 26)
		4012.4	2209	121.8	148.5	175.1	83678.4	7.21	W530X92	
41-2178	IZ®	76	85.7	24.3	29.9	35.4	640.5	23.69	W24X55	B3 (PZC 26)
		4083.6	2178	118.9	145.9	172.9	87472.5	7.22	W610X82	
41-2282	IZ®	76.1	89.8	27.3	32.6	37.9	609.6	24.19	W18X86	B3 (PZC 26)
		4092.5	2282	133.4	159.2	185	83240.5	7.37	W460X128	
41-2210	IZ®	76.8	87	25.7	31.2	36.6	635.5	23.69	W21X68	B3 (PZC 26)
		4126.4	2210	125.7	152.3	178.9	86788.8	7.22	W530X101	
42-2211	IZ®	78.4	87	26.5	31.9	37.4	653.4	23.73	W21X73	B3 (PZC 26)
		4214.5	2211	129.2	155.8	182.4	89233.2	7.23	W530X109	
42-2179	IZ®	78.9	85.8	25.3	30.8	36.4	673.6	23.73	W24X62	B3 (PZC 26)
		4240.2	2179	123.5	150.5	177.5	91983.3	7.23	W610X92	
43-2283	IZ®	79.2	89.9	28.8	34.1	39.3	639.9	24.22	W18X97	B3 (PZC 26)
		4255.7	2283	140.6	166.3	192.1	87390.4	7.38	W460X144	
44-2228	IZ®	81	87.7	25.5	30.9	36.3	697.4	24.38	W24X68	B3 (PZC 26)
		4353.4	2228	124.7	151.1	177.5	95242.8	7.43	W610X101	
44-2284	IZ®	81.4	89.9	30	35.2	40.5	663.1	24.25	W18X106	B3 (PZC 26)
		4375.3	2284	146.3	172.1	197.9	90548	7.39	W460X158	
44-2212	IZ®	81.5	87.1	27.8	33.2	38.6	688.3	23.76	W21X83	B3 (PZC 26)
		4383.6	2212	135.5	162.1	188.7	93996.4	7.24	W530X123	
46-2214	IZ®	84.7	87.2	29.1	34.5	40	724.1	23.79	W21X93	B3 (PZC 26)
		4552.4	2214	142.1	168.7	195.2	98882	7.25	W530X138	
46-2228	IZ®	84.7	87.7	26.6	32	37.4	739.8	24.42	W24X76	B3 (PZC 26)
		4553.4	2228	129.9	156.3	182.7	101024.5	7.44	W610X113	
46-2286	IZ®	85.1	90	31.7	37	42.2	701.4	24.28	W18X119	B3 (PZC 26)
		4574.7	2286	154.8	180.5	206.3	95782.4	7.4	W460X177	
46-2454	IZ®	85.9	96.6	34.3	39.2	44.1	695.9	26.25	HP18x157	B3 (PZC 26)
		4619.6	2454	167.3	191.2	215.2	95034.4	8	HP360x234	

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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)	
46-2312	IZ®	86.3	91	29	34.2	39.4	739.9	25.07	W21X101	B3 (PZC 26)
		4638.9	2312	141.5	167	192.4	101040.3	7.64	W530X150	
47-2229	IZ®	88.2	87.8	27.7	33.1	38.5	780.8	24.45	W24X84	B3 (PZC 26)
		4743.9	2229	135.2	161.6	187.9	106630	7.45	W610X125	
48-2283	IZ®	88.7	89.9	33.2	38.5	43.8	739.7	24.32	W18X130	B3 (PZC 26)
		4768.4	2283	162.2	188	213.8	101011	7.41	W460X193	
48-2313	IZ®	89.3	91.1	30.3	35.5	40.7	774	25.1	W21X111	B3 (PZC 26)
		4802.2	2313	147.9	173.3	198.8	105692.6	7.65	W530X165	
49-2457	IZ®	91.7	96.7	37.2	42.1	47	752.6	26.32	HP18x181	B3 (PZC 26)
		4929.7	2457.2	181.5	205.4	229.3	102768.8	8.02	HP360x269	
50-2230	IZ®	92.4	87.8	29.1	34.5	39.9	831.3	24.48	W24X94	B3 (PZC 26)
		4967.9	2230	142.1	168.5	194.9	113524	7.46	W610X140	
50-2285	IZ®	92.4	90	34.9	40.2	45.4	780	24.35	W18X143	B3 (PZC 26)
		4970.1	2285	170.3	196.1	221.8	106512.2	7.42	W460X213	
50-2315	IZ®	92.9	91.1	31.7	36.9	42.1	814.9	25.14	W21X122	B3 (PZC 26)
		4994.6	2315	154.6	180	205.4	111277.8	7.66	W530X182	
51-2253	IZ®	93.9	88.7	27.5	32.8	38.2	867.9	25.17	W27X84	B3 (PZC 26)
		5047.8	2253	134.1	160.2	186.3	118520.6	7.67	W690X125	
51-2324	IZ®	94	91.5	29.3	34.4	39.6	852.1	25.66	W24X104	B3 (PZC 26)
		5056.4	2324	142.8	168.1	193.4	116362.6	7.82	W610X155	
52-2316	IZ®	96.2	91.2	33	38.2	43.4	852.1	25.17	W21X132	B3 (PZC 26)
		5171.9	2316	160.9	186.3	211.7	116367.2	7.67	W530X196	
52-2287	IZ®	96.4	90	36.8	42.1	47.4	823.7	24.42	W18X158	B3 (PZC 26)
		5183.4	2287	179.8	205.5	231.2	112488.7	7.44	W460X235	
52-2229	IZ®	96.5	87.8	30.3	35.7	41.1	880.7	24.48	W24X103	B3 (PZC 26)
		5188.7	2229	147.8	174.2	200.6	120266.7	7.46	W610X153	
52-2460	IZ®	97.2	96.9	40.1	45	49.9	811	26.38	HP18x204	B3 (PZC 26)
		5228.3	2460.4	195.6	219.6	243.5	110754.4	8.04	HP460x304	

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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)	
53-2325	IZ®	99.3	91.5	30.9	36.1	41.3	915.1	25.7	W24X117	B3 (PZC 26)
		5338.4	2325	150.9	176.2	201.5	124966.4	7.83	W610X174	
53-2254	IZ®	99.4	88.7	28.7	34.1	39.4	935.7	25.24	W27X94	B3 (PZC 26)
		5342.7	2254	140.3	166.4	192.5	127775.2	7.69	W690X140	
54-2318	IZ®	101.1	91.3	34.9	40.1	45.3	910.2	25.24	W21X147	B3 (PZC 26)
		5437.3	2318	170.6	196	221.4	124289.2	7.69	W530X219	
55-2289	IZ®	101.6	90.1	39	44.3	49.6	881.3	24.48	W18X175	B3 (PZC 26)
		5460.2	2289	190.6	216.3	242	120348.9	7.46	W460X260	
56-2254	IZ®	103.8	88.7	29.9	35.2	40.6	992.3	25.27	W27X102	B3 (PZC 26)
		5582.5	2254	145.9	172	198.1	135506	7.7	W690X152	
56-2264	IZ®	104.1	89.1	28	33.4	38.7	1016	25.79	W30X90	B3 (PZC 26)
		5595.9	2264	136.9	162.9	188.9	138749.4	7.86	W760X134	
56-2327	IZ®	104.9	91.6	32.7	37.9	43.1	985.1	25.76	W24X131	B3 (PZC 26)
		5640.5	2327	159.8	185.1	210.4	134519.9	7.85	W610X195	
58-2265	IZ®	108.5	89.2	29.3	34.6	39.9	1078.7	25.83	W30X99	B3 (PZC 26)
		5833.4	2265	143.1	169	195	147301.4	7.87	W760X147	
59-2256	IZ®	109.2	88.8	31.4	36.8	42.1	1063.6	25.3	W27X114	B3 (PZC 26)
		5870.2	2256	153.4	179.5	205.5	145241.2	7.71	W690X170	
59-2315	IZ®	109.2	91.1	37.5	42.7	47.9	1005.1	25.24	W21X166	B3 (PZC 26)
		5871.1	2315	183	208.5	233.9	137254.7	7.69	W530X248	
60-2328	IZ®	111.7	91.7	34.7	39.8	45	1068.2	25.83	W24X146	B3 (PZC 26)
		6006.2	2328	169.2	194.5	219.7	145878.2	7.87	W610X217	
61-2266	IZ®	114.1	89.2	30.5	35.8	41.1	1155	25.86	W30X108	B3 (PZC 26)
		6136.6	2266	148.9	174.9	200.8	157730.1	7.88	W760X161	
62-2318	IZ®	114.4	91.3	39.6	44.8	50	1069.6	25.3	W21X182	B3 (PZC 26)
		6151.6	2318	193.3	218.7	244.1	146066.3	7.71	W530X272	
63-2254	IZ®	117.2	88.7	33.4	38.8	44.1	1170.9	25.33	W27X129	B3 (PZC 26)
		6302.9	2254	163.3	189.4	215.5	159891.6	7.72	W690X192	

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		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)	
64-2329	IZ®	118.2	91.7	36.8	42	47.1	1152.6	25.86	W24X162	B3 (PZC 26)
		6354.8	2329	179.6	204.8	230.1	157400.5	7.88	W610X241	
64-2267	IZ®	119.4	89.3	31.6	36.9	42.2	1226.8	25.89	W30X116	B3 (PZC 26)
		6417.5	2267	154.4	180.3	206.3	167528.6	7.89	W760X173	
65-2319	IZ®	121	91.3	42.1	47.3	52.5	1152.6	25.37	W21X201	B3 (PZC 26)
		6506.6	2319	205.4	230.8	256.1	157391.9	7.73	W530X300	
66-2355	IZ®	122.7	92.7	34.3	39.4	44.6	1242.8	26.61	W27X146	B3 (PZC 26)
		6597	2355	167.6	192.6	217.6	169712.4	8.11	W690X217	
67-2327	IZ®	124.3	91.6	38.5	43.7	48.9	1230.8	25.86	W24X176	B3 (PZC 26)
		6681.4	2327	188.2	213.5	238.7	168080.2	7.88	W610X262	
67-2267	IZ®	124.3	89.3	32.6	37.9	43.2	1294.9	25.93	W30X124	B3 (PZC 26)
		6683.3	2267	159.2	185.2	211.1	176825.2	7.9	W760X185	
68-2418	IZ®	127.1	95.2	61.6	66.6	71.6	1073.9	25.7	W14X370	B3 (PZC 26)
		6835.4	2418	300.9	325.2	349.5	146656.6	7.83	W360X551	
69-2268	IZ®	128.7	89.3	33.7	39	44.4	1360	25.96	W30X132	B3 (PZC 26)
		6919.4	2268	164.7	190.6	216.6	185720.4	7.91	W760X196	
70-2356	IZ®	129.5	92.8	36.3	41.4	46.5	1338.2	26.65	W27X161	B3 (PZC 26)
		6963	2356	177.2	202.2	227.1	182742.2	8.12	W690X240	
70-2329	IZ®	130.2	91.7	40.6	45.8	50.9	1311	25.93	W24X192	B3 (PZC 26)
		6997.4	2329	198.1	223.4	248.6	179024.1	7.9	W610X285	
70-2292	IZ®	130.5	90.2	31.5	36.7	42	1414.1	26.71	W33X118	B3 (PZC 26)
		7014.2	2292	153.7	179.4	205	193106.6	8.14	W840X176	
72-2421	IZ®	133.2	95.3	65.1	70	75	1145.4	25.76	W14X398	B3 (PZC 26)
		7158.7	2421	317.7	342	366.3	156420.7	7.85	W360X592	
73-2330	IZ®	136.3	91.7	42.6	47.7	52.9	1394.7	25.96	W24X207	B3 (PZC 26)
		7327.1	2330	207.8	233.1	258.3	190460.3	7.91	W610X307	
73-2358	IZ®	136.6	92.8	38.4	43.6	48.7	1438.9	26.71	W27X178	B3 (PZC 26)
		7343.5	2358	187.7	212.6	237.6	196500	8.14	W690X265	

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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)	
75-2266	IZ®	138.7	89.2	35.9	41.2	46.5	1505.8	25.99	W30X148	B3 (PZC 26)
		7459.2	2266	175.2	201.2	227.1	205627.4	7.92	W760X220	
75-2292	IZ®	138.9	90.2	33.1	38.4	43.6	1539.3	26.75	W33X130	B3 (PZC 26)
		7465.5	2292	161.6	187.3	212.9	210200.2	8.15	W840X193	
75-2424	IZ®	139.8	95.4	68.5	73.5	78.4	1222.9	25.86	W14X426	B3 (PZC 26)
		7515.8	2424	334.5	358.7	383	167004	7.88	W360X634	
78-2333	IZ®	144.6	91.9	45.4	50.6	55.7	1512.2	26.06	W24X229	B3 (PZC 26)
		7776.5	2333	221.7	246.9	272.1	206498	7.94	W610X341	
78-2356	IZ®	145.4	92.8	40.5	45.6	50.8	1563.1	26.71	W27X194	B3 (PZC 26)
		7818.4	2356	197.9	222.8	247.8	213453.8	8.14	W690X289	
78-2428	IZ®	145.8	95.6	72	77	82	1297.1	25.96	W14X455	B3 (PZC 26)
		7837.8	2428	351.7	375.9	400.2	177135	7.91	W360X677	
79-2293	IZ®	146.5	90.3	34.6	39.8	45.1	1656.9	26.78	W33X141	B3 (PZC 26)
		7874.8	2293	168.7	194.4	220	226271	8.16	W840X210	
80-2381	IZ®	148.1	93.7	37.4	42.5	47.5	1644.4	27.47	W30X173	B3 (PZC 26)
		7962.1	2381	182.6	207.3	232	224556.5	8.37	W760X257	
81-2304	IZ®	150.7	90.7	33.6	38.8	44	1757.6	27.3	W36X135	B3 (PZC 26)
		8099.8	2304	163.8	189.3	214.9	240016	8.32	W920X201	
82-2335	IZ®	153.2	91.9	48.1	53.3	58.4	1633.1	26.12	W24X250	B3 (PZC 26)
		8234.4	2335	234.9	260.1	285.3	223018.7	7.96	W610X372	
83-2294	IZ®	153.6	90.3	36	41.3	46.5	1770	26.84	W33X152	B3 (PZC 26)
		8257.5	2294	175.8	201.5	227.1	241713.4	8.18	W840X226	
84-2359	IZ®	155.7	92.9	43.5	48.6	53.7	1715	26.81	W27X217	B3 (PZC 26)
		8370.2	2359	212.2	237.2	262.1	234200.4	8.17	W690X323	
84-2432	IZ®	156.5	95.7	77.5	82.5	87.4	1431.7	26.06	W14X500	B3 (PZC 26)
		8413.8	2432	378.6	402.7	426.9	195513.2	7.94	W360X744	
85-2382	IZ®	157.2	93.8	39.7	44.7	49.8	1784.3	27.5	W30X191	B3 (PZC 26)
		8450.9	2382	193.7	218.4	243.1	243659	8.38	W760X284	

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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)	
87-2304	IZ®	162.6	90.7	35.6	40.8	46	1951.7	27.37	W36X150	B3 (PZC 26)
		8742.2	2304	173.7	199.2	224.8	266528.4	8.34	W920X223	
88-2360	IZ®	163.2	92.9	45.8	50.9	56	1830.1	26.84	W27X235	B3 (PZC 26)
		8772.3	2360	223.8	248.7	273.6	249913.7	8.18	W690X350	
88-2338	IZ®	163.9	92	51.8	57	62.1	1791.7	26.19	W24X279	B3 (PZC 26)
		8812.8	2338	253.1	278.3	303.4	244679.1	7.98	W610X415	
89-2292	IZ®	164.8	90.2	38.1	43.4	48.7	1948.4	26.84	W33X169	B3 (PZC 26)
		8860	2292	186.3	211.9	237.6	266064.9	8.18	W840X251	
90-2384	IZ®	167.1	93.9	42.2	47.3	52.3	1940.7	27.57	W30X211	B3 (PZC 26)
		8981.2	2384	206.1	230.7	255.4	265025.1	8.4	W760X314	
91-2437	IZ®	168.5	95.9	83.4	88.4	93.3	1588	26.22	W14X550	B3 (PZC 26)
		9061	2437	407.4	431.6	455.7	216860.6	7.99	W360X818	
91-2305	IZ®	169.2	90.7	36.9	42.1	47.3	2065.2	27.4	W36X160	B3 (PZC 26)
		9097.8	2305	180.1	205.6	231.1	282021	8.35	W920X238	
92-2300	IZ®	171.4	90.6	35.5	40.7	46	2140.4	27.7	W40X149	B3 (PZC 26)
		9217.2	2300	173.3	198.9	224.5	292285.1	8.44	W1000X222	
93-2362	IZ®	173.3	93	48.7	53.8	58.9	1985	26.91	W27X258	B3 (PZC 26)
		9315.3	2362	237.6	262.5	287.4	271076	8.2	W690X384	
94-2340	IZ®	174.5	92.1	55.2	60.4	65.5	1950.6	26.25	W24X306	B3 (PZC 26)
		9382.2	2340	269.7	294.8	319.9	266377.6	8	W610X455	
95-2306	IZ®	175.9	90.8	38.2	43.4	48.6	2181.4	27.43	W36X170	B3 (PZC 26)
		9459	2306	186.5	212	237.5	297893	8.36	W920X253	
96-2400	IZ®	177.9	94.5	40.7	45.7	50.7	2171.4	28.22	W33X201	B3 (PZC 26)
		9563.8	2400	198.5	223	247.5	296524.7	8.6	W840X299	
97-2382	IZ®	180.1	93.8	45.3	50.3	55.4	2147.8	27.6	W30X235	B3 (PZC 26)
		9683.1	2382	221.1	245.8	270.5	293305.2	8.41	W760X350	
98-2442	IZ®	182.3	96.1	90.5	95.5	100.4	1772.9	26.35	W14X605	B3 (PZC 26)
		9801	2442	441.9	466	490.1	242103.4	8.03	W360X900	

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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)	
98-2307	IZ®	183	90.8	39.8	45	50.2	2309.3	27.47	W36X182	B3 (PZC 26)
		9839.6	2307	194.2	219.7	245.2	315361.6	8.37	W920X271	
99-2364	IZ®	183.5	93.1	51.7	56.8	61.9	2146.6	26.98	W27X281	B3 (PZC 26)
		9864.7	2364	252.3	277.2	302.1	293141	8.22	W690X419	
100-2343	IZ®	185.6	92.2	59	64.1	69.3	2122	26.35	W24X335	B3 (PZC 26)
		9977.9	2343	288.1	313.2	338.3	289781.2	8.03	W610X498	
101-2300	IZ®	187.7	90.6	37.9	43.1	48.4	2421.2	27.76	W40X167	B3 (PZC 26)
		10091.1	2300	184.9	210.5	236.1	330639.9	8.46	W1000X249	
102-2401	IZ®	189.1	94.5	43.2	48.2	53.2	2363.6	28.29	W33X221	B3 (PZC 26)
		10165.4	2401	210.8	235.3	259.8	322766.8	8.62	W840X329	
102-2308	IZ®	189.8	90.9	41.3	46.5	51.7	2432.9	27.5	W36X194	B3 (PZC 26)
		10201.6	2308	201.6	227.1	252.6	332237.7	8.38	W920X289	
103-2385	IZ®	191.9	93.9	48.6	53.6	58.7	2347.1	27.66	W30X261	B3 (PZC 26)
		10318.9	2385	237.2	261.9	286.6	320521	8.43	W760X389	
104-2367	IZ®	194	93.2	54.9	60	65.1	2316.9	27.04	W27X307	B3 (PZC 26)
		10429.9	2367	267.9	292.8	317.6	316388.3	8.24	W690X457	
106-2448	IZ®	197.1	96.4	97.5	102.4	107.4	1983.1	26.52	W14X665	B3 (PZC 26)
		10595.8	2448	476.1	500.2	524.2	270814.5	8.08	W360X990	
107-2309	IZ®	198.7	90.9	43.4	48.7	53.9	2600.9	27.53	W36X210	B3 (PZC 26)
		10682.6	2309	212.1	237.6	263	355179.3	8.39	W920X313	
107-2347	IZ®	198.9	92.4	63.5	68.6	73.8	2333.5	26.45	W24X370	B3 (PZC 26)
		10693	2347	310	335.1	360.1	318664.3	8.06	W610X551	
108-2403	IZ®	199.9	94.6	45.7	50.7	55.7	2552.6	28.35	W33X241	B3 (PZC 26)
		10747.2	2403	223.1	247.5	272	348576.2	8.64	W840X359	
109-2300	IZ®	203	90.6	40	45.2	50.4	2691.9	27.83	W40X183	B3 (PZC 26)
		10914.4	2300	195.2	220.7	246.3	367606.2	8.48	W1000X272	
111-2418	IZ®	205.8	95.2	43.9	48.9	53.9	2699.9	28.85	W36X230	B3 (PZC 26)
		11065.2	2418	214.5	238.9	263.2	368690.7	8.79	W920X342	

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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)	
111-2370	IZ®	206.6	93.3	58.5	63.6	68.7	2524.6	27.14	W27X336	B3 (PZC 26)
		11105.4	2370	285.8	310.6	335.4	344759.1	8.27	W690X500	
111-2387	IZ®	207.1	94	52.5	57.5	62.6	2603.7	27.73	W30X292	B3 (PZC 26)
		11136.4	2387	256.1	280.8	305.4	355555.4	8.45	W760X434	
112-2400	IZ®	207.7	94.5	40.3	45.3	50.4	2789.2	29.07	W40X199	B3 (PZC 26)
		11166.2	2400	196.8	221.4	245.9	380896.4	8.86	W1000X296	
115-2401	IZ®	213.7	94.5	48.5	53.6	58.6	2794.3	28.35	W33X263	B3 (PZC 26)
		11487.2	2401	237	261.5	286	381581.6	8.64	W840X392	
115-2308	IZ®	214.2	90.9	46.2	51.5	56.7	2884.3	27.57	W36X232	B3 (PZC 26)
		11516.5	2308	225.8	251.3	276.7	393882.6	8.4	W920X345	
115-2454	IZ®	214.3	96.6	105.1	110.1	115	2230.2	26.68	W14X730	B3 (PZC 26)
		11519.4	2454	513.4	537.3	561.3	304557.2	8.13	W360X1086	
115-2419	IZ®	214.6	95.2	45.8	50.8	55.8	2860.5	28.88	W36X245	B3 (PZC 26)
		11538.4	2419	223.9	248.2	272.5	390628.3	8.8	W920X365	
118-2372	IZ®	219.8	93.4	62.6	67.7	72.8	2749.6	27.2	W27X368	B3 (PZC 26)
		11818.7	2372	305.7	330.5	355.3	375487.3	8.29	W690X548	
118-2300	IZ®	220.2	90.6	43.7	48.9	54.2	3036.7	27.86	W40X211	B3 (PZC 26)
		11841.2	2300	213.2	238.8	264.4	414692.7	8.49	W1000X314	
120-2390	IZ®	222.4	94.1	56.7	61.7	66.8	2872.1	27.83	W30X326	B3 (PZC 26)
		11957.1	2390	276.8	301.4	326	392204	8.48	W760X484	
120-2400	IZ®	222.5	94.5	42.5	47.5	52.5	3059.7	29.14	W40X215	B3 (PZC 26)
		11961	2400	207.3	231.8	256.3	417825.9	8.88	W1000X321	
120-2420	IZ®	223.2	95.3	47.7	52.7	57.6	3021.9	28.91	W36X260	B3 (PZC 26)
		12002.4	2420	232.8	257.1	281.5	412669	8.81	W920X387	
122-2310	IZ®	227.6	90.9	49.5	54.7	59.9	3148.9	27.63	W36X256	B3 (PZC 26)
		12239	2310	241.6	267	292.5	430010.5	8.42	W920X381	
123-2404	IZ®	227.9	94.6	52	57	62	3056.2	28.45	W33X291	B3 (PZC 26)
		12251.8	2404	254	278.5	302.9	417344.7	8.67	W840X433	

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123-2471	IZ®	228	97.3	114.2	119.1	123.9	2427.6	26.84	W14X808	B3 (PZC 26)
		12260.4	2471	557.5	581.3	605.1	331506.4	8.18	W360X1202	
126-2302	IZ®	234.7	90.6	46.8	52	57.2	3331.9	27.93	W40X235	B3 (PZC 26)
		12617.6	2302	228.4	254	279.5	454999	8.51	W1000X350	
127-2422	IZ®	235.3	95.4	50.2	55.2	60.2	3250	28.98	W36X280	B3 (PZC 26)
		12648.1	2422	245.3	269.6	293.9	443817.1	8.83	W920X417	
128-2393	IZ®	237.1	94.2	60.6	65.6	70.7	3135.5	27.93	W30X357	B3 (PZC 26)
		12746.9	2393	295.8	320.4	345	428184.3	8.51	W760X531	
130-2406	IZ®	241.9	94.7	55.4	60.4	65.4	3317.5	28.52	W33X318	B3 (PZC 26)
		13002.9	2406	270.4	294.9	319.3	453040.3	8.69	W840X473	
131-2400	IZ®	243.1	94.5	46.7	51.8	56.8	3474.6	29.17	W40X249	B3 (PZC 26)
		13067.2	2400	228.2	252.8	277.3	474483.9	8.89	W1000X371	
132-2423	IZ®	246	95.4	52.7	57.7	62.7	3456.5	29.01	W36X300	B3 (PZC 26)
		13223.5	2423	257.5	281.8	306.1	472017.6	8.84	W920X446	
134-2303	IZ®	249.4	90.7	50.6	55.8	61.1	3651.6	27.99	W40X264	B3 (PZC 26)
		13408.1	2303	247.1	272.6	298.1	498660.4	8.53	W1000X393	
136-2396	IZ®	252.4	94.3	64.9	70	75	3418.1	27.99	W30X391	B3 (PZC 26)
		13569	2396	317.1	341.6	366.2	466767.3	8.53	W760X582	
136-2400	IZ®	253.1	94.5	44.3	49.4	54.4	3798.8	29.76	W44X230	B3 (PZC 26)
		13606.2	2400	216.5	241	265.5	518761.5	9.07	W1100X343	
138-2304	IZ®	256.8	90.7	52.5	57.8	63	3814.7	27.99	W40X278	B3 (PZC 26)
		13806.9	2304	256.5	282	307.6	520934.7	8.53	W1000X415	
139-2402	IZ®	259.3	94.6	50.2	55.2	60.2	3812	29.24	W40X277	B3 (PZC 26)
		13942.8	2402	245	269.5	294	520563.8	8.91	W1000X412	
140-2409	IZ®	259.5	94.8	59.9	64.9	69.9	3657.9	28.58	W33X354	B3 (PZC 26)
		13953.3	2409	292.2	316.7	341.1	499524.7	8.71	W840X527	
141-2422	IZ®	261.5	95.4	56.2	61.2	66.2	3762.6	29.04	W36X328	B3 (PZC 26)
		14058.9	2422	274.5	298.7	323	513820.4	8.85	W920X488	

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144-2402	IZ®	268.1	94.6	52.8	57.8	62.8	4010.8	29.24	W40X297	B3 (PZC 26)
		14414	2402	257.8	282.3	306.8	547713.6	8.91	W1000X443	
148-2411	IZ®	275.7	94.9	64	69	74	3979.1	28.68	W33X387	B3 (PZC 26)
		14821.5	2411	312.5	336.9	361.3	543382.2	8.74	W840X576	
149-2400	IZ®	276.4	94.5	48.4	53.4	58.5	4304.8	29.83	W44X262	B3 (PZC 26)
		14861.4	2400	236.4	260.9	285.4	587864.6	9.09	W1100X390	
149-2425	IZ®	277	95.5	60	65	69.9	4076.8	29.11	W36X359	B3 (PZC 26)
		14891.1	2425	292.9	317.2	341.4	556717.4	8.87	W920X534	
153-2404	IZ®	284.9	94.6	56.2	61.2	66.2	4362.7	29.34	W40X324	B3 (PZC 26)
		15316.5	2404	274.2	298.7	323.2	595759.9	8.94	W1000X483	
153-2308	IZ®	285	90.9	58.8	64	69.2	4425.7	28.12	W40X327	B3 (PZC 26)
		15322.3	2308	287	312.5	338	604366.8	8.57	W1000X486	
154-2309	IZ®	286.3	90.9	59.5	64.7	69.9	4460.3	28.16	W40X331	B3 (PZC 26)
		15394	2309	290.3	315.7	341.2	609090.6	8.58	W1000X494	
157-2387	IZ®	291.3	94	83.8	88.9	93.9	4049.9	27.66	W27X539	B3 (PZC 26)
		15659.6	2387	409.4	434	458.7	553052.8	8.43	W690X802	
159-2427	IZ®	294.7	95.6	64.3	69.3	74.2	4446.1	29.21	W36X393	B3 (PZC 26)
		15846.6	2427	314	338.2	362.5	607151.4	8.9	W920X585	
159-2402	IZ®	294.8	94.6	52.1	57.1	62.1	4724.4	29.9	W44X290	B3 (PZC 26)
		15847.5	2402	254.2	278.7	303.2	645161.4	9.11	W1100X433	
164-2407	IZ®	304.9	94.8	60.9	65.9	70.9	4806.4	29.4	W40X362	B3 (PZC 26)
		16392.1	2407	297.4	321.8	346.2	656356.7	8.96	W1000X539	
166-2408	IZ®	309.3	94.8	62.1	67.2	72.2	4907.9	29.44	W40X372	B3 (PZC 26)
		16627.6	2408	303.4	327.9	352.3	670221.6	8.97	W1000X554	
171-2405	IZ®	317.8	94.7	57.4	62.4	67.4	5280.9	29.96	W44X335	B3 (PZC 26)
		17087.2	2405	280.3	304.8	329.2	721154.4	9.13	W1100X499	
171-2431	IZ®	318.4	95.7	69.9	74.9	79.8	4940.5	29.3	W36X439	B3 (PZC 26)
		17115.6	2431	341.3	365.5	389.7	674670.2	8.93	W920X653	

* 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®.



IZ® BNS®

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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)	
173-2314	IZ®	321.3	91.1	67.3	72.5	77.7	5248.2	28.32	W40X392	B3 (PZC 26)
		17273.9	2314	328.7	354.1	379.5	716686.2	8.63	W1000X584	
175-2409	IZ®	324.7	94.8	65.3	70.3	75.3	5247.3	29.47	W40X397	B3 (PZC 26)
		17457.7	2409	318.6	343	367.5	716561.2	8.98	W1000X591	
184-2412	IZ®	342.3	95	69.5	74.5	79.5	5648.2	29.57	W40X431	B3 (PZC 26)
		18400.9	2412	339.4	363.8	388.2	771306	9.01	W1000X642	
196-2437	IZ®	363.6	95.9	80.7	85.6	90.6	5926	29.5	W36X527	B3 (PZC 26)
		19546.6	2437	393.9	418	442.2	809253	8.99	W920X784	
206-2417	IZ®	382.4	95.2	78.5	83.5	88.5	6580.9	29.73	W40X503	B3 (PZC 26)
		20557.7	2417	383.2	407.5	431.9	898685.7	9.06	W1000X748	
229-2446	IZ®	425.8	96.3	95.6	100.6	105.5	7350.3	29.76	W36X650	B3 (PZC 26)
		22894.7	2446	466.9	490.9	515	1003745.8	9.07	W920X967	
233-2424	IZ®	432.8	95.4	89.9	94.8	99.8	7794.9	29.93	W40X593	B3 (PZC 26)
		23270.5	2424	438.7	463	487.3	1064457.2	9.12	W1000X883	
270-2457	IZ®	502.7	96.7	113.5	118.4	123.3	9199.9	30.09	W36X798	B3 (PZC 26)
		27025.3	2457	554.3	578.2	602.1	1256324.7	9.17	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.

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