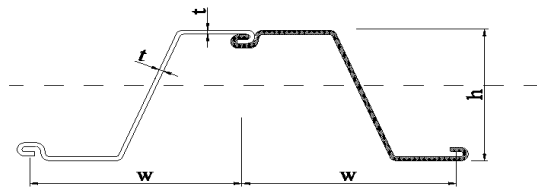


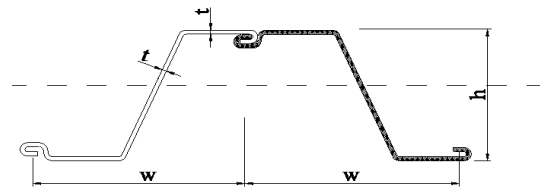
### Cold Formed Z-Sheet Pile Data Sheet



**Note: Besides sizes list below, customized sizes can be designed and rolled**

Product	Width w mm (in)	Height h mm (in)	WT t mm (in)	Section Area cm <sup>2</sup> /m (in <sup>2</sup> /ft)	Weight per Pile (pc) kg/m (lb/ft)	Weight per Wall kg/m <sup>2</sup> (lb/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /m (in <sup>4</sup> /ft)	Modulus of Section cm <sup>3</sup> /m (in <sup>3</sup> /ft)	Equivalent Hot-Rolled Sheet Pile
CFZ11-1	575 / 22.64	260 / 10.24	8.5 / 0.33	129 / 6.08	58 / 39.05	101 / 20.69	13860 / 101.41	1066 / 19.83	
CFZ11-2	575 / 22.64	260 / 10.24	9.5 / 0.37	139 / 6.56	63 / 42.47	109 / 22.33	14563 / 106.56	1120 / 20.83	
CFZ12-1	670 / 26.38	302 / 11.89	8.5 / 0.33	126 / 5.96	66 / 44.42	99.0 / 20.28	18726 / 137.02	1239 / 23.04	AZ12
CFZ12-2	770 / 30.31	344 / 13.54	8.5 / 0.33	120 / 5.67	73 / 48.79	94 / 19.30	22413 / 164.00	1302 / 24.21	AZ12-770
CFZ12-3	575 / 22.64	260 / 10.24	10.0 / 0.39	156 / 7.37	70 / 47.31	122 / 25.07	15845 / 115.94	1217 / 22.63	
CFZ12-4	700 / 27.56	314 / 12.36	8.5 / 0.33	123 / 5.80	67 / 45.30	96 / 19.73	18889 / 138.21	1202 / 22.35	AZ12-700
CFZ13-1	670 / 26.38	303 / 11.93	9.5 / 0.37	137 / 6.47	72 / 48.39	108 / 22.02	19381 / 141.81	1279 / 23.79	AZ13
CFZ13-2	770 / 30.31	344 / 13.54	9.0 / 0.35	125 / 5.91	76 / 50.81	98 / 20.10	22579 / 165.21	1312 / 24.40	AZ12-770
CFZ13-3	575 / 22.64	260 / 10.24	10.5 / 0.41	161 / 7.61	73 / 48.79	126.4 / 25.89	16540 / 121.02	1272 / 23.66	
CFZ13-4	700 / 27.56	315 / 12.40	9.5 / 0.37	135 / 6.36	74 / 49.73	106 / 21.65	20537 / 150.27	1303 / 24.23	AZ13-700
CFZ13-5	700 / 27.56	316 / 12.44	10.0 / 0.39	140 / 6.63	77 / 51.88	110 / 22.57	21420 / 156.73	1355 / 25.20	AZ13-700
CFZ13-6	650 / 25.59	350 / 13.78	8.0 / 0.31	119 / 5.65	61 / 41.00	94 / 19.21	22799 / 166.82	1303 / 24.23	AZ13
CFZ14-1	670 / 26.38	304 / 11.97	10.5 / 0.41	154 / 7.26	81 / 54.30	121 / 24.70	21220 / 155.27	1395 / 25.94	AZ14
CFZ14-2	770 / 30.31	345 / 13.58	9.5 / 0.37	131 / 6.19	79 / 53.29	103 / 21.08	23396 / 171.19	1355 / 25.20	AZ14-770
CFZ14-3	770 / 30.31	345 / 13.58	10.0 / 0.39	137 / 6.48	83 / 55.71	107.7 / 22.06	24315 / 177.91	1409 / 26.20	AZ14-770
CFZ14-4	700 / 27.56	316 / 12.44	10.3 / 0.41	146 / 6.90	80 / 53.97	114.7 / 23.50	22258 / 162.86	1407 / 26.17	AZ14-700
CFZ15-1	700 / 27.56	420 / 16.54	7.0 / 0.28	109 / 5.16	60 / 40.32	86 / 17.56	31087 / 227.47	1480 / 27.52	
CFZ15-2	700 / 27.56	450 / 17.72	7.0 / 0.28	108 / 5.12	60 / 40.05	85.1 / 17.43	33203 / 242.95	1475 / 27.43	
CFZ16-1	575 / 22.64	350 / 13.78	8.5 / 0.33	142 / 6.69	64 / 42.94	111.2 / 22.78	28009 / 204.94	1600 / 29.76	
CFZ16-2	640 / 25.20	400 / 15.75	8.0 / 0.31	127 / 6.02	64 / 43.01	100.0 / 20.48	32421 / 237.23	1620 / 30.13	
CFZ17-1	630 / 24.80	379 / 14.92	8.5 / 0.33	137 / 6.48	68 / 45.57	108 / 22.04	31592 / 231.16	1666 / 30.98	AZ17
CFZ17-2	700 / 27.56	420 / 16.54	8.5 / 0.33	133 / 6.28	73 / 49.13	104 / 21.39	37135 / 271.72	1767 / 32.86	AZ17-700
CFZ17-3	575 / 22.64	350 / 13.78	9.0 / 0.35	148 / 7.00	67 / 44.89	116.2 / 23.80	29040 / 212.49	1659 / 30.85	
CFZ17-4	575 / 22.64	370 / 14.57	9.0 / 0.35	148 / 7.01	67 / 45.03	117 / 23.86	31798 / 232.67	1718 / 31.95	
CFZ17-5	575 / 22.64	350 / 13.78	9.5 / 0.37	156 / 7.38	71 / 47.38	123 / 25.11	29796 / 218.02	1702 / 31.65	
CFZ17-6	675 / 26.57	430 / 16.93	8.5 / 0.33	133 / 6.28	71 / 47.38	104.4 / 21.39	36820 / 269.41	1712 / 31.84	
CFZ18-1	630 / 24.80	380 / 14.96	9.5 / 0.37	150 / 7.11	74 / 50.00	118 / 24.19	34220 / 250.39	1801 / 33.49	AZ18
CFZ18-2	700 / 27.56	420 / 16.54	9.0 / 0.35	139 / 6.58	77 / 51.41	109.3 / 22.39	37991 / 277.98	1808 / 33.62	AZ18-700
CFZ18-3	575 / 22.64	350 / 13.78	9.8 / 0.39	160 / 7.57	72 / 48.59	126 / 25.75	30962 / 226.55	1767 / 32.86	
CFZ18-4	575 / 22.64	350 / 13.78	10.0 / 0.39	163 / 7.72	74 / 49.60	128 / 26.28	31578 / 231.06	1804 / 33.56	
CFZ18-5	675 / 26.57	420 / 16.54	9.0 / 0.35	141 / 6.67	75 / 50.27	111 / 22.70	37990 / 277.98	1808 / 33.62	
CFZ18-6	630 / 24.80	381 / 15.00	9.9 / 0.39	157 / 7.43	78 / 52.29	123 / 25.28	35721 / 261.37	1874 / 34.85	AZ18
CFZ18-7	700 / 27.56	440 / 17.32	9.0 / 0.35	141 / 6.66	77 / 52.02	111 / 22.66	41587 / 304.30	1890 / 35.15	AZ18-700
CFZ19-1	630 / 24.80	381 / 15.00	10.2 / 0.40	164 / 7.74	81 / 54.44	129 / 26.34	35803 / 261.97	1879 / 34.94	AZ19
CFZ19-2	700 / 27.56	421 / 16.57	9.5 / 0.37	146 / 6.88	80 / 53.76	114 / 23.41	39592 / 289.70	1880 / 34.96	AZ19-700
CFZ19-3	675 / 26.57	390 / 15.35	10.0 / 0.39	157 / 7.40	83 / 55.78	123 / 25.18	37475 / 274.21	1921 / 35.73	
CFZ20-1	700 / 27.56	421 / 16.57	9.9 / 0.39	152 / 7.18	84 / 56.12	119 / 24.44	41031 / 300.23	1948 / 36.23	AZ20-700
CFZ21-1	575 / 22.64	350 / 13.78	11.0 / 0.43	189 / 8.94	85 / 57.39	149 / 30.42	36631 / 268.03	2093 / 38.92	
CFZ22-1	575 / 22.64	350 / 13.78	11.5 / 0.45	199 / 9.41	90 / 60.42	156 / 32.02	37913 / 277.41	2166 / 40.28	
CFZ23-1	575 / 22.64	350 / 13.78	12.0 / 0.47	208 / 9.85	94 / 63.24	164 / 33.51	39530 / 289.24	2258 / 41.99	
CFZ24-1	700 / 27.56	449 / 17.68	10.5 / 0.41	172 / 8.14	95 / 63.64	135 / 27.72	55256 / 404.31	2460 / 45.75	AZ24-700
CFZ24-2	575 / 22.64	350 / 13.78	12.5 / 0.49	219 / 10.37	99 / 66.60	172 / 35.30	41558 / 304.08	2374 / 44.15	
CFZ24-3	700 / 27.56	480 / 18.90	10.0 / 0.39	163 / 7.72	90 / 60.28	128 / 26.26	58912 / 431.06	2454 / 45.64	AZ24-700
CFZ24-4	700 / 27.56	540 / 21.26	9.5 / 0.37	157 / 7.40	86 / 57.86	123 / 25.20	66447 / 486.20	2460 / 45.75	AZ24-700
CFZ25-1	630 / 24.80	440 / 17.32	10.5 / 0.41	181 / 8.54	89 / 60.08	142 / 29.07	54750 / 400.61	2488 / 46.27	AZ25
CFZ25-2	675 / 26.57	440 / 17.32	11.0 / 0.43	183 / 8.67	97 / 65.32	144 / 29.50	55500 / 406.10	2522 / 46.90	
CFZ25-3	575 / 22.64	350 / 13.78	13.0 / 0.51	227 / 10.75	103 / 68.95	179 / 36.57	43459 / 317.99	2482 / 46.16	
CFZ26-1	630 / 24.80	470 / 18.50	11.5 / 0.45	198 / 9.34	98 / 65.73	155 / 31.79	63318 / 463.30	2695 / 50.12	AZ26
CFZ26-2	700 / 27.56	460 / 18.11	11.5 / 0.45	187 / 8.85	103 / 69.15	147 / 30.11	59887 / 438.20	2603 / 48.41	AZ26-700
CFZ26-3	675 / 26.57	430 / 16.93	12.0 / 0.47	199 / 9.41	106 / 70.90	156 / 32.02	56023 / 409.92	2605 / 48.45	
CFZ26-4	700 / 27.56	500 / 19.69	10.0 / 0.39	167 / 7.90	92 / 61.76	131 / 26.90	65322 / 477.97	2612 / 48.58	AZ26-700
CFZ26-5	700 / 27.56	470 / 18.50	10.5 / 0.41	176 / 8.33	97 / 65.12	138 / 28.35	62047 / 454.00	2640 / 49.10	AZ26-700
CFZ27-1	675 / 26.57	460 / 18.11	12.0 / 0.47	200 / 9.46	106 / 71.30	157 / 32.20	62336 / 456.12	2709 / 50.38	
CFZ27-2	630 / 24.80	480 / 18.90	10.5 / 0.41	185 / 8.74	92 / 61.49	145 / 29.74	65379 / 478.38	2723 / 50.64	AZ27
CFZ28-1	630 / 24.80	440 / 17.32	12.5 / 0.49	214 / 10.10	106 / 71.04	168 / 34.35	60621 / 443.57	2754 / 51.22	AZ28
CFZ28-2	700 / 27.56	461 / 18.15	13.2 / 0.52	215 / 10.14	118 / 79.30	169 / 34.52	65537 / 479.54	2755 / 51.24	AZ28-700
CFZ28-3	700 / 27.56	461 / 18.15	12.0 / 0.47	200 / 9.46	110 / 73.93	157 / 32.18	64901 / 474.89	2815 / 52.35	AZ28-700N
CFZ28-4	700 / 27.56	500 / 19.69	11.2 / 0.44	189 / 8.91	104 / 69.62	148 / 30.32	70005 / 512.23	2800 / 52.07	AZ28-700
CFZ28-5	700 / 27.56	480 / 18.90	11.5 / 0.45	189 / 8.95	104 / 69.96	149 / 30.46	67502 / 493.92	2812 / 52.30	AZ28-700
CFZ28-6	700 / 27.56	481 / 18.94	11.0 / 0.43	184 / 8.72	101 / 68.15	145 / 29.66	66546 / 486.92	2766 / 51.44	AZ28-700
CFZ32-1	675 / 26.57	485 / 19.09	12.0 / 0.47	212 / 10.02	112 / 75.54	167 / 34.11	77985 / 570.62	3215 / 59.79	
CFZ34-1	675 / 26.57	500 / 19.69	12.0 / 0.47	216 / 10.20	114 / 76.88	170 / 34.72	84865 / 620.96	3394 / 63.12	
CFZ35-1	675 / 26.57	500 / 19.69	12.5 / 0.49	224 / 10.60	119 / 79.91	176 / 36.07	87685 / 641.60	3506 / 65.20	
CFZ36-1	675 / 26.57	485 / 19.09	13.0 / 0.51	234 / 11.06	124 / 83.40	184 / 37.65	87785 / 642.33	3620 / 67.32	
CFZ36-2	700 / 27.56	540 / 21.26	12.2 / 0.48	216 / 10.20	119 / 79.71	170 / 34.72	97450 / 713.05	3609 / 67.12	AZ36-700N
CFZ36-3	630 / 24.80	490 / 19.29	12.5 / 0.49	236 / 11.13	117 / 78.29	185 / 37.88	88299 / 646.09	3604 / 67.03	AZ36
CFZ37-1	700 / 27.56	500 / 19.69	13.0 / 0.51	232 / 10.96	127 / 85.62	182 / 37.28	92562 / 677.28	3702 / 68.85	AZ37-70

### Cold Formed Z-Sheet Pile Data Sheet



**Note: Besides sizes list below, customized sizes can be designed and rolled**

Product	Width w mm (in)	Height h mm (in)	WT t mm (in)	Section Area cm <sup>2</sup> /m (in <sup>2</sup> /ft)	Weight per Pile (pc) kg/m (lb/ft)	Weight per Wall kg/m <sup>2</sup> (lb/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /m (in <sup>4</sup> /ft)	Modulus of Section cm <sup>3</sup> /m (in <sup>3</sup> /ft)	Equivalent Hot-Rolled Sheet Pile
CFZ37-2	675 / 26.57	485 / 19.09	13.5 / 0.53	243 / 11.46	129 / 86.36	190 / 39.00	89960 / 658.24	3709 / 68.98	
CFZ38-1	675 / 26.57	485 / 19.09	14.0 / 0.55	250 / 11.80	132 / 88.98	196 / 40.17	91989 / 673.09	3793 / 70.54	
CFZ38-2	700 / 27.56	570 / 22.44	13.0 / 0.51	230 / 10.87	126 / 84.95	181 / 37.00	109180 / 798.88	3830 / 71.23	AZ38-700N
CFZ39-1	700 / 27.56	560 / 22.05	13.5 / 0.53	240 / 11.34	132 / 88.58	188 / 38.57	110180 / 806.20	3935 / 73.18	
CFZ40-1	700 / 27.56	550 / 21.65	13.8 / 0.54	244 / 11.54	134 / 90.19	192 / 39.27	110027 / 805.08	4000 / 74.39	AZ40-700N
CFZ41-1	700 / 27.56	540 / 21.26	14.0 / 0.55	252 / 11.90	138 / 93.01	198 / 40.50	111480 / 815.71	4128 / 76.77	
CFZ42-1	700 / 27.56	550 / 21.65	14.0 / 0.55	253 / 11.96	139 / 93.48	199 / 40.70	115747 / 846.93	4209 / 78.28	AZ42-700N
CFZ42-2	700 / 27.56	550 / 21.65	14.2 / 0.56	259 / 12.23	142 / 95.50	203 / 41.60	115660 / 846.29	4205 / 78.20	AZ42-700N
CFZ43-1	700 / 27.56	560 / 22.05	14.0 / 0.55	254 / 12.00	140 / 93.75	199 / 40.83	119843 / 876.90	4280 / 79.60	
CFZ43-2	700 / 27.56	560 / 22.05	13.5 / 0.53	248 / 11.74	137 / 91.73	195 / 39.95	120877 / 884.47	4316 / 80.27	
CFZ44-1	700 / 27.56	540 / 21.26	14.5 / 0.57	271 / 12.82	149 / 100.20	213 / 43.63	118995 / 870.70	4403 / 81.89	AZ44-700N
CFZ44-2	700 / 27.56	550 / 21.65	14.0 / 0.55	257 / 12.14	141 / 94.89	202 / 41.32	121091 / 886.03	4403 / 81.89	AZ44-700N
CFZ46-1	580 / 22.83	540 / 21.26	14.2 / 0.56	291 / 13.76	133 / 89.11	229 / 46.83	124708 / 912.50	4618 / 85.88	AZ46
CFZ46-2	700 / 27.56	525 / 20.67	15.2 / 0.60	287 / 13.56	158 / 105.98	225 / 46.15	121241 / 887.13	4616 / 85.85	AZ46-700N
CFZ46-3	700 / 27.56	560 / 22.05	15.0 / 0.59	281 / 13.28	154 / 103.76	221 / 45.19	129611 / 948.37	4628 / 86.07	AZ46-700N
CFZ46-4	700 / 27.56	600 / 23.62	14.0 / 0.55	258 / 12.20	142 / 95.36	203 / 41.52	138283 / 1011.83	4609 / 85.72	AZ46-700N
CFZ48-1	580 / 22.83	570 / 22.44	15.0 / 0.59	307 / 14.49	140 / 93.82	241 / 49.31	137234 / 1004.15	4814 / 89.53	AZ48
CFZ48-2	580 / 22.83	540 / 21.26	14.5 / 0.57	304 / 14.38	139 / 93.15	239 / 48.94	130267 / 953.17	4819 / 89.62	AZ48
CFZ48-3	700 / 27.56	550 / 21.65	15.2 / 0.60	288 / 13.63	159 / 106.52	226 / 46.38	132187 / 967.22	4805 / 89.36	
CFZ50-1	580 / 22.83	580 / 22.83	16.0 / 0.63	322 / 15.22	147 / 98.59	253 / 51.81	145656 / 1065.78	5022 / 93.40	AZ50
CFZ50-2	580 / 22.83	530 / 20.87	15.5 / 0.61	317 / 14.98	144 / 96.98	249 / 50.97	132744 / 971.30	5008 / 93.14	AZ50
CFZ50-3	700 / 27.56	530 / 20.87	16.0 / 0.63	303 / 14.30	166 / 111.76	238 / 48.65	133465 / 976.57	5036 / 93.66	AZ50-700
CFZ50-4	700 / 27.56	560 / 22.05	16.0 / 0.63	298 / 14.10	164 / 110.22	234 / 48.00	140578 / 1028.62	5020 / 93.36	AZ50-700
CFZ50-5	580 / 22.83	520 / 20.47	15.0 / 0.59	322 / 15.23	147 / 98.59	253 / 51.83	133709 / 978.36	5142 / 95.63	AZ50
CFZ52-1	700 / 27.56	550 / 21.65	16.0 / 0.63	305 / 14.42	168 / 112.70	240 / 49.08	143742 / 1051.77	5226 / 97.19	AZ52-700
CFZ18-800	800 / 31.50	500 / 19.69	8.5 / 0.33	127 / 6.01	80 / 53.70	100 / 20.44	46474 / 340.05	1858 / 34.55	AZ18-800
CFZ20-800	800 / 31.50	490 / 19.29	9.5 / 0.37	141 / 6.67	89 / 59.61	111 / 22.70	49026 / 358.73	2001 / 37.21	AZ20-800
CFZ22-800	800 / 31.50	500 / 19.69	10.0 / 0.39	150 / 7.07	94 / 63.17	118 / 24.07	54142 / 396.16	2165 / 40.26	AZ22-800
CFZ23-800	800 / 31.50	530 / 20.87	9.5 / 0.37	147 / 6.95	92 / 62.10	116 / 23.66	61811 / 452.28	2332 / 43.37	AZ23-800
CFZ25-800	800 / 31.50	520 / 20.47	10.5 / 0.41	163 / 7.71	103 / 68.95	128 / 26.22	65060 / 476.05	2501 / 46.51	AZ25-800
CFZ27-800	800 / 31.50	520 / 20.47	11.5 / 0.45	176 / 8.32	111 / 74.33	138 / 28.31	69419 / 507.94	2670 / 49.66	AZ27-800
CFZ28-750	750 / 29.53	560 / 22.05	10.0 / 0.39	165 / 7.81	97 / 65.46	130 / 26.59	78780 / 576.44	2813 / 52.31	AZ28-750
CFZ30-750	750 / 29.53	550 / 21.65	11.2 / 0.44	183 / 8.66	108 / 72.51	144 / 29.46	82741 / 605.42	3008 / 55.94	AZ30-750
CFZ32-750	750 / 29.53	560 / 22.05	12.0 / 0.47	197 / 9.32	116 / 78.03	155 / 31.71	89690 / 656.27	3202 / 59.55	AZ32-750
CFZ23-750	750 / 29.53	530 / 20.87	9.5 / 0.37	151 / 7.12	89 / 59.61	118 / 24.21	61642 / 451.04	2326 / 43.26	AZ23-750
CFZ23-700	700 / 27.56	530 / 20.87	9.5 / 0.37	154 / 7.30	85 / 57.06	121 / 24.83	61450 / 449.63	2318 / 43.11	AZ23-700
CFZ25-750	750 / 29.53	520 / 20.47	10.5 / 0.41	167 / 7.91	99 / 66.20	131 / 26.92	64854 / 474.54	2494 / 46.38	AZ25-750
CFZ25-700	700 / 27.56	520 / 20.47	10.5 / 0.41	172 / 8.12	95 / 63.51	135 / 27.63	64618 / 472.81	2485 / 46.21	AZ25-700