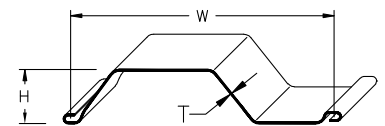


# Steel Sheet Piling



Atlantic Industries Limited  
We Support You.

AIL's Steel Sheet Piling is available in a variety of different gauges, weights and lengths, and is roll-formed with a continuous, positive interlock. In black or galvanized steel, our product can be used in marine retaining walls to prevent shoreline erosion, or for irrigation weirs and bridge abutments.



## L Series

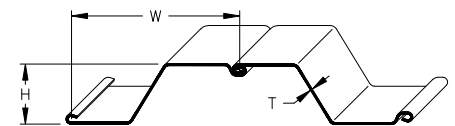
Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
L34	3.4 (.134)	104 (4.10)	500 (19.7)	23.1 (3.58)	18.6 (12.5)	37.2 (7.62)	806 (5.89)	41.9 (1.64)	149 (2.77)
L41	4.1 (.164)	105 (4.12)	500 (19.7)	28.3 (4.39)	22.4 (15.0)	44.7 (9.17)	961 (7.02)	41.9 (1.64)	178 (3.30)
L45	4.5 (.177)	105 (4.13)	500 (19.7)	30.6 (4.47)	24.1 (16.2)	48.1 (9.90)	1050 (7.69)	41.9 (1.64)	195 (3.62)
L50	5.0 (.197)	105 (4.15)	500 (19.7)	34.1 (5.29)	28.2 (18.9)	56.3 (11.5)	1340 (9.82)	44.2 (1.74)	223 (4.14)
L60	6.0 (.236)	106 (4.18)	500 (19.7)	41.1 (6.37)	33.1 (22.3)	66.1 (13.6)	1610 (11.8)	44.2 (1.74)	268 (4.97)
L65	6.5 (.256)	107 (4.20)	500 (19.7)	44.5 (6.90)	35.8 (24.1)	71.6 (14.7)	1750 (12.8)	44.2 (1.74)	290 (5.38)

L Series: ASTM A857 minimum yield strength 36,000 psi. CSA G40.21 Gr.260W minimum yield strength 260 MPa or 37,700 psi. Hot dip galvanizing to ASTM A 123 or CSA G164.

## S Series

Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
S64	6.35 (.250)	150 (5.91)	705 (27.75)	64.4 (9.97)	50.4 (33.9)	71.7 (14.7)	32.80 (24.0)	59.9 (2.36)	424 (7.89)
S80	8.00 (.313)	152 (5.97)	705 (27.75)	79.7 (12.36)	62.6 (42.1)	88.8 (18.2)	4100 (30.0)	60.0 (2.37)	528 (9.82)

EZ, XZ, DZ and JZ Series: ASTM A328 minimum yield strength 38,500 psi. ASTM 572 Gr.50 minimum yield strength 50,000 psi. CSA G40.21 Gr.350W minimum yield strength 350 MPa or 50,800 psi. Hot dip galvanizing to ASTM A 123 or CSA G164.



## Z Series

Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
Z55	5.50 (.217)	219 (8.64)	610 (24.0)	48.8 (7.57)	38.4 (25.8)	63.0 (12.9)	6790 (49.7)	91.7 (3.61)	613 (11.4)
Z60	6.00 (.236)	220 (8.66)	610 (24.0)	53.3 (8.26)	42.0 (28.2)	68.8 (14.1)	7400 (54.2)	91.9 (3.62)	667 (12.4)
Z65	6.50 (.256)	220 (8.68)	610 (24.0)	57.7 (8.95)	45.5 (30.6)	74.7 (15.3)	8010 (58.7)	91.9 (3.62)	720 (13.4)
Z70	7.00 (.276)	221 (8.70)	610 (24.0)	62.2 (9.64)	49.1 (33.0)	80.6 (16.5)	8630 (63.2)	91.9 (3.62)	774 (14.4)
Z75	7.50 (.295)	221 (8.72)	610 (24.0)	66.5 (10.3)	52.4 (35.2)	85.9 (17.6)	9250 (67.7)	92.2 (3.63)	839 (15.6)

## EZ Series

Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
<b>EZ75</b>	7.50 (.295)	272 (10.72)	635 (25.0)	73.0 (11.3)	57.4 (38.5)	90.4 (18.6)	14100 (103)	110 (4.35)	1030 (19.2)
<b>EZ80</b>	8.00 (.315)	273 (10.75)	635 (25.0)	77.9 (12.1)	61.2 (41.1)	96.4 (19.8)	15000 (110)	110 (4.35)	1100 (20.5)
<b>EZ88</b>	8.75 (.344)	274 (10.78)	635 (25.0)	85.1 (13.2)	66.8 (44.9)	105 (21.6)	16500 (121)	111 (4.36)	1200 (22.4)
<b>EZ95</b>	9.50 (.375)	275 (10.81)	635 (25.0)	92.7 (14.4)	72.8 (48.9)	115 (23.5)	17900 (131)	111 (4.36)	1310 (24.4)

## XZ Series

Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
<b>XZ85</b>	8.50 (.335)	357 (14.06)	635 (25.0)	87.9 (13.6)	69.0 (46.4)	109 (22.3)	29000 (212)	145 (5.70)	1630 (30.2)
<b>XZ90</b>	9.00 (.354)	358 (14.09)	635 (25.0)	93.0 (14.4)	72.7 (48.9)	115 (23.5)	30800 (225)	145 (5.70)	1710 (31.8)
<b>XZ95</b>	9.50 (.375)	359 (14.12)	635 (25.0)	98.2 (15.2)	76.9 (51.7)	121 (24.8)	32400 (237)	145 (5.70)	1800 (33.5)
<b>XZ100</b>	10.0 (.394)	360 (14.15)	635 (25.0)	103.0 (15.9)	80.7 (54.2)	127 (26.0)	34200 (250)	145 (5.70)	1900 (35.3)
<b>XZ105</b>	10.5 (.413)	360 (14.17)	635 (25.0)	108.0 (16.7)	84.7 (56.9)	133 (27.3)	35900 (263)	145 (5.70)	2000 (37.2)

## DZ Series

Section	Thickness mm (in)	Height mm (in)	Width mm (in)	Cross Sectional Area cm <sup>2</sup> (in <sup>2</sup> )	Pile Weight kg/lin m (lbs/lin ft)	Wall Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)	Coating Area Both Sides mm (in)
<b>DZ80</b>	8.0 (.315)	418 (16.44)	737 (29.00)	93.3 (14.47)	73 (49.20)	99 (20.40)	35876 (263)	1718 (31.96)	2.08 (6.80)
<b>DZ85</b>	9.00 (.335)	418 (16.46)	737 (29.00)	99 (15.35)	78 (52.20)	106 (21.60)	38055 (279)	1820 (33.86)	2.08 (6.80)
<b>DZ90</b>	9.50 (.354)	419 (16.48)	737 (29.00)	104.7 (16.23)	82 (55.20)	112 (22.90)	40227 (295)	1922 (35.75)	2.08 (6.80)
<b>DZ95</b>	10.0 (.375)	419 (16.50)	737 (29.00)	110.6 (17.15)	87 (58.40)	118 (24.20)	42500 (311)	2028 (37.72)	2.08 (6.80)
<b>DZ100</b>	10.5 (.395)	420 (16.53)	737 (29.00)	116 (17.98)	91 (61.20)	124 (25.30)	44549 (326)	2123 (39.49)	2.08 (6.80)
<b>DZ105</b>	10.5 (.413)	420 (16.54)	737 (29.00)	121.6 (18.85)	95 (64.20)	130 (26.50)	46700 (342)	2223 (41.35)	2.08 (6.80)

## JZ Series

Section	Thickness mm (in)	Height mm (in)	Nominal Width mm (in)	Section Area cm <sup>2</sup> (in <sup>2</sup> )	Weight kg/lin m (lbs/lin ft)	Weight kg/m <sup>2</sup> (lbs/ft <sup>2</sup> )	Moment of Inertia cm <sup>4</sup> /wall m (in <sup>4</sup> /wall ft)	Radius of Gyration mm (in)	Section Modulus cm <sup>3</sup> /wall m (in <sup>3</sup> /wall ft)
<b>JZ112</b>	11.2 (.441)	418 (16.44)	673 (26.5)	129.7 (20.1)	101 (68.2)	151 (30.9)	51100 (374)	163 (6.41)	2430 (45.3)
<b>JZ120</b>	12.0 (.472)	418 (16.47)	673 (26.5)	138.7 (21.5)	109 (73.0)	161 (33.0)	54700 (401)	163 (6.41)	2610 (48.5)
<b>JZ127</b>	12.7 (.500)	419 (16.50)	673 (26.5)	146.5 (22.7)	115 (77.3)	171 (35.0)	57900 (424)	163 (6.41)	2760 (51.4)



Atlantic Industries Limited

### Head Office:

PO Box 6161, 32 York St.  
Sackville, New Brunswick  
Canada E4L 1G6  
Phone: (506) 364-4600

### Locations across Canada:

St. John's, NL • Deer Lake, NL • Dorchester, NB • Sackville, NB  
Louisville, QC • Ottawa, ON • Toronto, ON • Ayr, ON • Cambridge, ON  
Thunder Bay, ON • Kenora, ON • Calgary, AB • Edmonton, AB  
Westlock, AB • Armstrong, BC • Vancouver, BC

Atlantic Industries Limited is a member of  
THE AIL GROUP OF COMPANIES



The information and suggested applications in this brochure are accurate and correct to the best of our knowledge, and are intended for general information purposes only. These general guidelines are not intended to be relied upon as final specifications, and we do not guarantee specific results for any particular purpose. We strongly recommend consultation with an Atlantic Industries Limited Technical Sales Representative before making any design and purchasing decisions.

