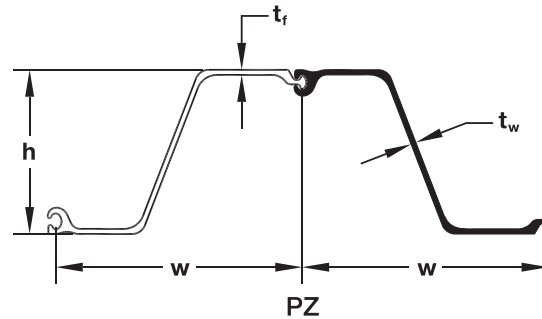
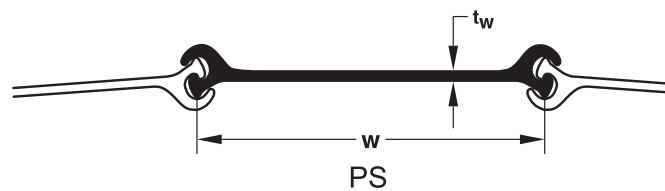


PZ/PS

PZ/PS Hot Rolled Steel Sheet Pile



SECTION	Width (w) in (mm)	Height (h) in (mm)	THICKNESS		Cross Sectional Area in ² /ft (cm ² /m)	WEIGHT		SECTION MODULUS		Moment of Inertia in ⁴ /ft (cm ⁴ /m)	COATING AREA	
			Flange (t _f) in (mm)	Wall (t _w) in (mm)		Pile lb/ft (kg/m)	Wall lb/ft ² (kg/m ²)	Elastic in ³ /ft (cm ³ /m)	Plastic in ³ /ft (cm ³ /m)		Both Sides ft ² /ft of single (m ² /m)	Wall Surface ft ² /ft ² of wall (m ² /m ²)
PZ 22	22.0 559	9.0 229	0.375 9.50	0.375 9.50	6.47 136.9	40.3 60.0	22.0 107.4	18.1 973	21.79 1171.4	84.38 11500	4.48 1.37	1.22 1.22
PZ 27	18.0 457	12.0 305	0.375 9.50	0.375 9.50	7.94 168.1	40.5 60.3	27.0 131.8	30.2 1620	36.49 1961.9	184.20 25200	4.48 1.37	1.49 1.49
PZ 35	22.6 575	14.9 378	0.600 15.21	0.500 12.67	10.29 217.8	66.0 98.2	35.0 170.9	48.5 2608	57.17 3073.5	361.22 49300	5.37 1.64	1.42 1.42
PZ 40	19.7 500	16.1 409	0.600 15.21	0.500 12.67	11.77 249.1	65.6 97.6	40.0 195.3	60.7 3263	71.92 3866.7	490.85 67000	5.37 1.64	1.64 1.64



SECTION	Width (w) in (mm)	Web (t _w) in (mm)	Maximum Interlock Strength k/in (kN/m)	Minimum Cell Diameter* ft (m)	Cross Sectional Area in ² /ft (cm ² /m)	WEIGHT		Elastic Section Modulus in ³ /sheet (cm ³ /sheet)	Moment of Inertia in ⁴ /sheet (cm ⁴ /sheet)	COATING AREA	
						Pile lb/ft (kg/m)	Wall lb/ft ² (kg/m ²)			Both Sides ft ² /ft of single (m ² /m)	Wall Surface ft ² /ft ² of wall (m ² /m ²)
PS 27.5	19.69 500	0.4 10.2	24 4800	30 9.14	8.09 171.2	45.1 67.1	27.5 134.3	3.3 54	5.3 221	3.65 1.11	1.11 1.11
PS 31	19.69 500	0.5 12.7	24 4800	30 9.14	9.12 193.0	50.9 75.7	31.0 151.4	3.3 54	5.3 221	3.65 1.11	1.11 1.11

* Minimum cell diameter cannot be guaranteed for piles over 65 feet (19.81 m) in length, or if piles are spliced. 58 Piles are needed to make a 30 foot diameter cell.

PZ/PS

PZ/PS Hot Rolled Steel Sheet Pile

Available Steel Grades							
PZ			PS				
ASTM	YIELD STRENGTH		ASTM	YIELD STRENGTH		INTERLOCK STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)	(k/in)	(kN/m)
A 328	39	270	A 328	39	270	16	2800
A 572 Grade 50	50	345	A 572 Grade 50	50	345	20	3500
A 572 Grade 60	60	415	A 572 Grade 60	60	415	24	4200
A 572 Grade 65	65	450	A 572 Grade 65	65	450	24	4200
A 588	50	345	A 588	50	345	20	3500
A 690	50	345	A 690	50	345	20	3500

Corner and Junction Piles

Female or Male Corner
FC - α MC - α

T Pile
Length of T and Angle Varies

SKAP
AZ sheet to PZ sheet
Grade: A 572 Grade 50
Weight: 8.95 lb/ft (13.3 kg/m)

SKPC
PZ sheet to Cold Formed sheet
Grade: A 572 Grade 50
Weight: 10.32 lb/ft (15.4 kg/m)

30° Y Pile

90° T Pile

120° Y Pile

SKP45

Grade: A 572 Grade 50
Weight: 8.97 lb/ft (13.3 kg/m)

SKP90

Grade: A 572 Grade 50
Weight: 9.08 lb/ft (13.5 kg/m)

SKPT

Grade: A 572 Grade 50
Weight: 11.30 lb/ft (16.8 kg/m)

SKPF

Grade: A 572 Grade 50
Weight: 6.13 lb/ft (9.1 kg/m)

SKPM

Grade: A 572 Grade 50
Weight: 4.95 lb/ft (7.4 kg/m)

Delivery Conditions & Tolerances

ASTM A 6	
Mass	± 2.5%
Length	+ 5 inches - 0 inches

Maximum Rolled Lengths*

PZ	85 feet for singles, 70 feet for pairs	(25.9 m, 21.3 m)
PS	65 feet	(19.8 m)

* Longer lengths may be possible upon request.