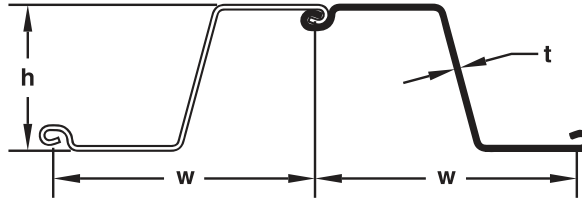


SCZ

SCZ Cold Formed Steel Sheet Pile



SECTION	Width (w) in (mm)	Height (h) in (mm)	Thickness (t) in (mm)	Cross Sectional Area in ² /ft (cm ² /m)	WEIGHT		SECTION MODULUS		Moment of Inertia in ⁴ /ft (cm ⁴ /m)	COATING AREA	
					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 (m ² /m)	Coating Area ft ² /ft ² (m ² /m ²)
SCZ 14	28.50 723.9	10.00 254.0	0.250 6.4	4.18 88.48	33.81 50.31	14.23 69.50	14.36 772	16.32 877.4	71.82 9808	6.10 1.86	1.28 1.28
SCZ 16	28.50 723.9	10.00 254.0	0.276 7.0	4.62 97.79	37.37 55.61	15.73 76.82	15.75 847	17.97 965.9	78.73 10751	6.10 1.86	1.28 1.28
SCZ 17	29.95 760.8	10.13 257.3	0.315 8.0	5.16 109.22	43.86 65.27	17.57 85.79	16.86 906	19.57 1051.9	88.77 12122	6.32 1.93	1.27 1.27
SCZ 18	29.95 760.8	10.13 257.3	0.335 8.5	5.49 116.21	46.67 69.45	18.70 91.28	17.86 960	20.85 1121.0	90.48 12356	6.32 1.93	1.27 1.27
SCZ 19	29.95 760.8	10.13 257.3	0.354 9.0	5.80 122.77	49.30 73.37	19.75 96.43	18.74 1008	22.06 1186.0	94.92 12962	6.32 1.93	1.27 1.27
SCZ 21	29.95 760.8	10.13 257.3	0.375 9.5	6.14 129.96	52.19 77.67	20.91 102.10	19.85 1067	23.26 1250.5	100.55 13731	6.32 1.93	1.27 1.27
SCZ 22	24.02 610.0	13.39 340.0	0.315 8.0	6.43 136.20	43.81 65.19	21.89 106.90	29.76 1600	33.75 1814.8	199.19 27200	5.91 1.80	1.48 1.48
SCZ 23	24.02 610.0	13.39 340.0	0.335 8.5	6.87 145.40	46.84 69.70	23.35 114.00	31.62 1700	36.08 1939.9	223.63 28900	5.91 1.80	1.48 1.48
SCZ 25	24.02 610.0	13.39 340.0	0.354 9.0	7.27 153.95	49.60 73.80	24.78 121.00	33.48 1800	38.13 2050.2	224.08 30600	5.91 1.80	1.48 1.48
SCZ 26	24.02 610.0	13.39 340.0	0.375 9.5	7.68 162.50	52.28 77.80	26.22 128.00	35.34 1900	40.28 2165.8	236.53 32300	5.91 1.80	1.48 1.48
SCZ 29	24.02 610.0	13.39 340.0	0.413 10.5	8.48 179.50	57.92 86.20	28.88 141.00	39.06 2100	44.49 2392.2	261.43 35700	5.91 1.80	1.48 1.48
SCZ 30	24.02 610.0	13.39 340.0	0.433 11.0	8.88 188.00	60.68 90.30	30.31 148.00	40.92 2200	46.56 2503.2	273.88 37400	5.91 1.80	1.48 1.48

Interlock Compatibility

	SCZ 14	SCZ 16	SCZ 17	SCZ 18	SCZ 19	SCZ 21	SCZ 22	SCZ 23	SCZ 25	SCZ 26	SCZ 29	SCZ 30	SKZ 20	SKZ 22	SKZ 23	SKZ 24	SKZ 25	SKZ 31	SKZ 33	SKZ 34	SKZ 36	SKZ 38
SCZ 14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 17	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 18	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 19	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 21	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 25	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 26	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 29	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SCZ 30	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 24	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 25	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○
SKZ 31	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●
SKZ 33	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●
SKZ 34	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●
SKZ 36	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●
SKZ 38	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●

● Interlock compatible ○ Interlock not compatible

SCZ

SCZ Cold Formed Steel Sheet Pile

Available Steel Grades					
ASTM	YIELD STRENGTH		ASTM	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)
A 572 Grade 50	50	345	A 572 Grade 65 (Mod)**	80	555
A 572 Grade 55	55	380	A 588	50	345
A 572 Grade 60	60	415	A 690	50	345
A 572 Grade 65*	65	450			

*Not available for thicknesses $\geq 0.375"$ (9.525mm). **Not available for thicknesses $> 0.276"$ (7.0mm).

Corner Piles

B2 Corner Pile

B3 Corner Pile

CFC 90*
12.00 lb/ft
(17.9 kg/m)

CF Tee*
17.07 lb/ft
(25.4 kg/m)

CF*
7.46 lb/ft
(11.1 kg/m)

V 20*
8.85 lb/ft
(13.2 kg/m)

SCZ 14 - SCZ 16	SCZ 17 - SCZ 21	SCZ 22 - SCZ 30
A = 5.0 inches (127.0 mm)	A = 5.0 inches (127.0 mm)	A = 5.0 inches (127.0 mm)
B = 23.5 inches (596.9 mm)	B = 24.95 inches (633.7 mm)	B = 19.0 inches (482.6 mm)

Delivery Conditions & Tolerances

	ASTM A6		EN 10249-2	
Mass	$\pm 2.5\%$		$\pm 7\%$	
Length	+ 5 inches	- 0 inches	± 50 mm	
Straightness				
Bending (S)			0.25% of the length	
Curving (C)			0.25% of the length	
Twisting (V)			2% of the length	

Maximum Rolled Lengths†

SCZ 70 feet (21.3 m)

† Longer lengths may be possible upon request.

* Covered by one or more patents owned by PilePro, LLC (www.pilepro.com)