Sheet Piling Overview

Updated February 2nd, 2022

Material	Product	Stiffness (EI) x10⁶ lb-in²/ft *kN-m²/m*	Allowable Moment (M) ft-lb/ft *kN-m/m*	Section Modulus (Z) in³/ft *cm³/m*	Moment of Inertia (I) in⁴/ft *cm⁴/m*	Thickness Web/Flange (t) in *mm*	Section Depth (D) in *mm*	Section Width (W) in *mm*	Standard Packaging Sheets/Bundle	Profile
SHORE GUARD® VINYL	SG-950	130	15,147	56.8	341	0.715	12	18	6	Z
		1,224	*67.37*	*3,054*	*46,567*	*18.1*	*305*	*457*		
	SG-825	84	9,787	36.7	220	0.49	12	30	5 and 10	Box
		791	*43.53*	*1,973*	*30,043*	*12.30*	*305*	*762*		
	SG-850	71	9,920	37.2	186	0.52	10	18	12	Z
		668	*44.12*	*2,000*	*25,400*	*13.10*	*254*	*457*		
	SG-750	60	8,480	31.8	159	0.480	10	18	12	Z
		564	*37.71*	*1,710*	*21,700*	*12.2*	*254*	*457*		
	SG-625	46	6,507	24.4	122	0.385	10	30	6 and 12	Box
		433	*28.94*	*1,312*	*16,660*	*9.8*	*254*	*762*		
	CL-9900	34	5,333	20.0	90	0.35	9	24	20	Box
		320	*23.72*	*1,075*	*12,290*	*8.90*	*229*	*610*		
	CL-9000	28	4,320	16.4	74	0.280	9	24	20	Box
		264	*19.22*	*871*	*9,969*	*7.1*	*229*	*610*		
	SG-425	22	3,813	14.3	57	0.29	8	24	20	Box
		207	*16.96*	*769*	*7,784*	*7.20*	*203*	*610*		
	FP-475	17	5,467	20.5	45	0.240/0.250	7	24	12	Flat Panel
		160	*24.32*	*1,102*	*6,145*	*6.1/6.4*	*178*	*610*		
	SG-325	15	2,960	11.1	39	0.250	7	24	20	Box
		141	*13.17*	*597*	*5,326*	*6.4*	*178*	*610*		
	SG-225	7	1,920	7.2	18	0.225	5	18	15	Box
		64	*8.54*	*387*	*2,458*	*5.7*	*127*	*457*		

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ULTRACOMPOSITE™ FRP COMPOSITE	UC-95	1,988	48,750	58.5	497	0.540	17	30	6	Z
		18,717	*216.84*	*3,145*	*67,870*	*13.7*	*432*	*762*		
	UC-75	1,064	31,667	38.0	266	0.400/0.430	14	24	6	Z
		10,018	*140.85*	*2,043*	*36,325*	*10.2/10.9*	*356*	*610*		
	UC-50	416	17,333	20.8	104	0.325/0.355	10	36	6	Box
		3,917	*77.10*	*1,118*	*14,200*	*8.3/9.0*	*254*	*914*		
	UC-30	208	10,833	13.0	52	0.250/0.265	8	18	6	Z
		1,958	*48.19*	*698*	*7,101*	*6.4/6.7*	*203*	*457*		
ALUMIGUARD™ ALUMINUM	PZH-159	850	27,625	17.0	85	0.220/0.270	10	15	15	Z
		8,003	*122.88*	*914*	*11,610*	*5.6/5.9*	*254*	*381*		
	PZH-153	650	21,125	13.0	65	0.183	10	15	15	Z
		6,120	*93.96*	*699*	*8,876*	*4.6*	*254*	*381*		
	PZH-7	270	14,625	9.0	27	0.245	6	12	12	Z
		2,542	*65.05*	*484*	*3,687*	*6.2*	*152*	*305*		
	PZH-3	220	11,863	7.3	22	0.183	6	12	12	Z
		2,071	*52.77*	*393*	*3,004*	*4.6*	*152*	*305*		
	PZH-1	180	9,750	6.0	18	0.145	6	12	12	Z
		1,695	*43.37*	*323*	*2,458*	*3.7*	*152*	*305*		
	PZM-16	71	5,850	3.6	7.1	0.140/0.155	4	12	12	Z
		668	*26.02*	*194*	*970*	*3.6/3.9*	*102*	*305*		
	AWM-8	55	4,550	2.8	5.5	0.121	4	12	12	Pan
		518	*20.24*	*151*	*751*	*3.1*	*102*	*305*		
	AWM-3	44	3,575	2.2	4.4	0.095	4	12	12	Pan
		414	*15.90*	*118*	*601*	*2.40*	*102*	*305*		
	AWL-8	17	2,275	1.4	1.7	0.11	2.5	12	12	Pan
		160	*10.12*	*75*	*232*	*2.8*	*64*	*305*		
	AWL-3	15	1,950	1.2	2	0.095	3	12	12	Pan
		141	*8.67*	*65*	*205*	*2.4*	*64*	*305*		

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