

CỌC CỬ LÁ SEN - LARSEN SHEET PILE

1. U-type sheet pipe

Type	Dimension			Per pile				Per 1m of pile wall width			
	Effective Width mm	Effective high mm	Thickness mm	Sectional area cm ²	Unit mass kg/m	Moment of inertia cm ⁴	Section modulus cm ³	Sectional are cm ² /m	Unit mass kg/m ²	Moment of inertia cm ⁴ /m	Section modulus cm ³ /m
FSP II	400	100	10.50	61.20	48.00	1240	152	153	120	8740	874
FSP III	400	125	13.00	76.40	60.00	2220	223	191	150	16800	1340
SKSP IIIA	400	150	13.10		58.40	2790	250	186	146	22800	1520
SPS IV	400	170	15.50	96.90	76.10	4670	362	242.5	190	38600	2270
SKSP VL	500	200	24.30	133.80	105.00	7960	520	267.6	210	63000	3150
NPS IIw	600	130	10.30	78.70	61.80	2110	203	131.2	103	13000	1000
NPS IIIw	600	180	13.40	103.90	81.60	5220	376	173.2	136	32400	1800
NPS IVw	600	210	18.00	135.30	106.00	8630	539	225.5	177	56700	2700
FSP VL _L	500	225	27.60	153.00	120.00	11400	680	306	240	86000	2820

2. Wide profile sheet pile

Type	Dimension			Per pile				Per 1m of pile wall width			
	Effective Width mm	Effective high mm	Thickness mm	Sectional area cm ²	Unit mass kg/m	Moment of inertia cm ⁴	Section modulus cm ³	Sectional are cm ² /m	Unit mass kg/m ²	Moment of inertia cm ⁴ /m	Section modulus cm ³ /m
NSP-10H	900	230	10.80	110.00	86.40	9430	812	122.2	96	10500	902
NSP-25H	900	300	13.20	144.40	113.00	22000	1450	160.4	126	24400	1610

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3. Straight Web-type Sheet pile

Type	Dimension			Per pile				Per 1m of pile wall width			
	Effective Width mm	Effective high mm	Thickness mm	Sectional area cm ²	Unit mass kg/m	Moment of inertia cm ⁴	Section modulus cm ³	Sectional are cm ² /m	Unit mass kg/m ²	Moment of inertia cm ⁴ /m	Section modulus cm ³ /m
YSP-FL	500	44.5	9.50	78.60	61.70	184	45.7	157.1	123	396	89
YSP-FXL	500	47	12.70	98.40	77.20	245	60.3	196.7	154	570	121

The straight web - type sheet pile of SYW295 and SY295 offers joint strengths of 4MN/m and over YSP-FL and 6MN/m and over for YSP-FXL

4.Box-type sheet pile

Type		Dimension				Per pile					Per 1m of pile wall width			
		Effective width mm	Effective high mm	Thickness		Sectional are cm ²	Unit mass kg/m	Moment of inertia cm ⁴	Section modulus cm ³	Statical moment cm ³	Sectional area cm ² /m	Unit mass kg/m ²	Moment of inertia cm ⁴ /m	Section modulus cm ³ /m
Pile A	Pile B			t1 mm	t2 mm									
FSP-IV	FSP-IV	400	387.00	15.50	15.50	194	152	41600	2150	1250	485	380	104000	5380
FSP-VL	FSP-VL	500	445.00	24.30	24.30	267.6	210	80500	3620	2050	535.2	420	161000	7240
FSP-VIL	FSP-VL	500	471.00	27.60	24.30	286.8	225	92500	3850	2320	573.6	450	185000	7700
FSP-VIL	FSP-VIL	500	497.00	27.60	27.60	306.6	240	108000	4350	2560	612	480	216000	8700

1: The statical moment in the above table is the value required for determining weld lengths.

These values represent statical moments of area about the neutral axiz for one side of a box pile.

2. In addition to the box-type piles (pile A X pile B) shown above, the following 10 box-type piles area also available: FSP-IA X FSP-IA, FSP-II X FSP-II,

FSP-III X FSP-II, FSP-III X FSP-III, FSP-IV X FSP-III, NSP-IIW X NSP-IIW, NSP-IIIW X NSP-IIIW, NSP-IVw X NSP-IIIw, NSP-IVw X NSP-IVw

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5. Corner Sheet pile

Type	Dimension			Per file			
	Width mm	Height mm	Thickness mm	Sectional are cm ²	Unit mass kg/m	Moment of inertia cm ⁴	Section Modulus cm ³
FSP-C III	400	125	13.00	79.60	62.50	2330	237
FSP-C IV	400	170	15.50	96.80	76.00	4630	377

NSP, FSP, SKSP, YSP are company name abbreviation. FSP - Fuji Steel sheet pile,

NSP- Nippon steel Sheet steel pile, SKSP - Sumitomo Kenzal Sheet Pile,

YSP- Yawata steel pile the sheet pile. Other hot rolled profiles can be sourced if required