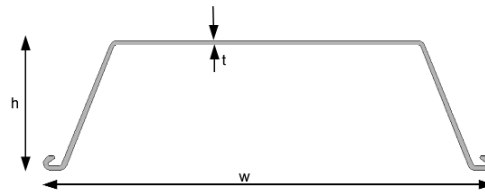


Sheet Piles



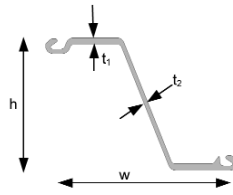
U-Type

Designation Section	Dimension			Mass per Metre		Section Area		Second Moment of Area		Elastic Modulus	
	w	h	t	per pile	per wall width	per pile	per wall width	per pile	per wall width	per pile	per wall width
	mm in	mm in	mm in	kg/m lb/ft	kg/m ² lb/ft ²	cm ² in ²	cm ² /m in ² /ft	cm ⁴ in ⁴	cm ⁴ /m in ⁴ /ft	cm ³ in ³	cm ³ /m in ³ /ft
YSPI	400 15.75	75 2.95	8.0 0.31	36.5 24.53	91.2 18.68	46.5 7.21	116.2 5.49	429 10.31	3820.00 27.97	66.4 4.05	509 9.47
YSP U-5	400 15.75	80 3.15	7.6 0.30	35.5 23.85	88.8 18.19	45.2 7.01	113.0 5.34	454 10.91	4220 30.90	64.7 3.95	527 9.80
FSP IA	400 15.75	85 3.35	8.0 0.31	35.5 23.85	88.8 18.19	45.2 7.01	113.0 5.34	598 14.37	4500 32.95	88.0 5.37	529 9.84
YSP II	400 15.75	100 3.94	10.5 0.41	48.0 32.25	120 24.58	61.2 9.48	153.0 7.23	986 23.69	8690 63.64	121 7.38	869 16.16
FSP II	400 15.75	100 3.94	10.5 0.41	48.0 32.25	120 24.58	61.2 9.48	153.0 7.23	1240 29.79	8740 64.00	152 9.28	874 16.26
YSP U-9	400 15.75	110 4.33	9.3 0.37	43.2 29.03	108 22.12	55.0 8.53	137.5 6.50	1070 25.71	9680 70.89	120 7.32	880 16.37
FSP II A	400 15.75	120 4.72	9.2 0.36	43.2 29.03	108 22.12	55.0 8.53	137.5 6.50	1460 35.08	10600 77.62	160 9.76	880 16.37
YSP III	400 15.75	125 4.92	13.0 0.51	60.0 40.32	150 30.72	76.4 11.85	191.1 9.03	1920 46.13	16400 120.09	196 11.96	1310 24.37
FSP III	400 15.75	125 4.92	13.0 0.51	60.0 40.32	150 30.72	76.4 11.85	191.1 9.03	2220 53.34	16800 123.02	223 13.61	1340 24.92
YSP U-15	400 15.75	150 5.91	12.2 0.48	58.4 39.24	146 29.90	74.4 11.53	186.0 8.79	2700 64.87	22800 166.96	238 14.52	1520 28.27
FSP III A	400 15.75	150 5.91	13.1 0.52	58.4 39.24	146 29.90	74.4 11.53	186.0 8.79	2790 67.03	22800 166.96	250 15.26	1520 28.27
YSP IV	400 15.75	155 6.10	15.5 0.61	76.1 51.14	190 38.92	97.0 15.03	242.5 11.46	3690 88.65	31900 233.60	311 18.98	2060 38.32
FSP IV	400 15.75	170 6.69	15.5 0.61	76.1 51.14	190 38.92	97.0 15.03	242.5 11.46	4670 112.20	38600 282.66	362 22.09	2270 42.22
YSP U-23	400 15.75	175 6.89	14.7 0.58	74.0 49.73	185 37.89	94.2 14.60	235.5 11.13	4380 105.23	39400 288.52	330 20.14	2250 41.85
FSP IV A	400 15.75	185 7.28	16.1 0.63	74.0 49.73	185 37.89	94.2 14.60	235.5 11.13	5300 127.33	41600 304.63	400 24.41	2250 41.85
YSP V	420 16.54	175 6.89	22.0 0.87	105 70.56	250 51.20	134 20.77	319.0 15.07	5950 142.95	55200 404.22	433 26.42	3150 58.59
FSP V L	500 19.69	200 7.87	24.3 0.96	105 70.56	210 43.01	134 20.74	267.6 12.64	7960 191.24	63000 461.34	520 31.73	3150 58.59
FSP VIL	500 19.69	225 8.86	27.6 1.09	120 80.64	240 49.16	153 23.72	306.0 14.46	11400 273.89	86000 629.77	680 41.50	3820 71.05

Sheet Piles

U-Type

Metric units



Section number	Dimensions			Section area Per pile	Unit weight		Moment of inertia		Modulus of section	
	w	h	t		Per pile	Per linear meter of wall	Per pile	Per linear meter of wall	Per pile	Per linear meter of wall
	mm	mm	mm	cm ²	kg/m	kg/m ²	cm ⁴	cm ⁴ /m	cm ³	cm ³ /m
KSP-IA	400	85	8.0	45.2	35.5	88.8	598	4,500	88	529
KSP-II	400	100	10.5	61.2	48.0	120	1,190	8,700	146	870
KSP-IIA	400	120	9.2	55.0	43.2	108	1,450	10,600	162	880
KSP-III	400	130	13.0	76.4	60.0	150	2,320	17,400	232	1,340
KSP-IIIA	400	150	13.1	74.4	58.4	146	2,840	22,800	253	1,520
KSP-IV	400	160	16.0	96.9	76.1	190	4,110	34,400	334	2,150
KSP-IVA	400	180	16.2	94.2	74.0	185	4,910	40,600	374	2,250
KSP-VL	500	200	24.3	133.8	105.0	210	7,960	63,000	520	3,150
KSP-VIL	500	225	27.6	153.0	120.0	240	11,400	86,000	680	3,820

Z-Type

Designation Section	Dimension				Mass per Metre		Section Area		Second Moment of Area		Elastic Modulus	
	w	h	t ₁	t ₂	per pile	per wall width	per pile	per wall width	per pile	per wall width	per pile	per wall width
	mm in	mm in	mm in	mm in	kg/m lb/ft	kg/m ² lb/ft ²	cm ² in ²	cm ² /m in ² /ft	cm ⁴ in ⁴	cm ⁴ /m in ⁴ /ft	cm ³ in ³	cm ³ /m in ³ /ft
FSP Z-25	400	305	13.0	9.6	74.0	185	94.3	235.80	15300	38300	1000	2510
	15.75	12.01	0.51	0.38	49.73	37.89	14.62	11.14	367.58	280.47	61.02	46.69
FSP Z-32	400	344	14.2	10.4	84.5	211	108	269.25	22000	55000	1280	3200
	15.75	13.54	0.56	0.41	56.78	43.22	16.69	12.72	528.55	402.76	78.11	59.52
FSP Z-38	400	364	17.2	11.4	96.0	240	122	305.75	27700	69200	1520	3800
	15.75	14.33	0.68	0.45	64.51	49.16	18.96	14.44	665.50	506.74	92.76	70.68
FSP Z-45	400	367	21.9	13.2	116	290	148	370.50	33400	83500	1820	4550
	15.75	14.45	0.86	0.52	77.95	59.40	22.97	17.50	802.44	611.46	111.06	84.63