



SHEET PILE

ซีทไพล์

TIS 1390 : 2539 (1996)
GRADE : SY295, SY390

Section	Dimensions			Sectional Area per pile	Weight		Moment of Inertia		Section Modulus	
	w	h	t		per pile	per wall width	per pile	per wall width	per pile	per wall width
	mm	mm	mm		cm ²	kg/m	kg/m ²	cm ⁴	cm ⁴ /m	cm ³
	in	in	in	in ²	lbs/ft	lbs/ft ²	in ⁴	in ⁴ /ft	in ³	in ³ /ft
SP-II	400	100	10.5	61.18	48.0	120.0	1240.0	8,740	152.0	874.0
	15.7	3.94	0.413	9.483	32.3	24.6	29.8	64	9.28	16.3
SP-III A	400	150	13.1	74.40	58.4	146	2,790.0	22,800	250.0	1,520.0
	15.7	5.91	0.516	11.53	39.2	29.9	67.0	167	15.3	28.3
SP-III	400	125	13.0	76.42	60.0	150.0	2220.0	16,800	223.0	1,340.0
	15.7	4.92	0.512	11.85	40.3	30.7	53.3	123	13.6	24.9
SP-IV	400	170	15.5	96.99	76.1	190	4670.0	38,600	362.0	2,270.0
	15.7	6.69	0.610	15.03	51.1	38.9	112.0	283	22.1	42.2

บริษัท เซ็ทไพล์ยูนิค จำกัด

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TOLERANCE

ค่าความคลาดเคลื่อน

SHEET PILE (HOT ROLLED STEEL SHEET PILE "U" SHAPE)

Dimension		Tolerance
Height		± 4%
Width (B)		+ 10 - 5
Thickness	t < 10	± 1.0
	10 ≤ t < 16	± 1.2
	t ≥ 16	± 1.5
Length (L)		+ Not specified 0
Deflection	L ≤ 10 m.	Full Length (M) x 0.12% max.
	L > 10 m.	Full Length - 10 m. x 0.10% + 12 mm. max.
Camber	L ≤ 10 m.	Full Length (M) x 0.25% max.
	L > 10 m.	Full Length - 10 m. x 0.20% + 25 mm. max.
Difference in Vertically Cut Sections		within 4% of width

Note: The deflection shall be in the direction parallel to the sheet pile wall and the camber shall be in the direction vertical to the sheet pile wall.

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