

Typical Applicable Piles (U Sheet Pile)

Section	Width (mm)	Section Modulus Z (cm ³ /m)	Moment of Inertia I (cm ⁴ /m)	Mass per m of pile (kg/m)	Mass per m ² of wall (kg/m ²)
Japanese Sections					
SP II	400	874	8,740	48.0	120.0
SP III	400	1,340	16,800	60.0	150.0
SP IV	400	2,270	38,600	76.0	190.0
SP VL	500	3,150	63,000	105.0	210.0
SP VIL	500	3,820	86,000	120.0	240.0
SP II w	600	1,000	13,000	61.8	103.0
SP III w	600	1,800	32,400	81.6	136.0
SP IV w	600	2,700	56,700	106.2	177.0
Arcelor Mittal					
PU12	600	1,200	21,600	66.1	110.1
PU18	600	1,800	38,650	76.9	128.2
PU22	600	2,200	49,460	86.2	143.6
PU28	600	2,840	64,460	101.8	169.6
PU32	600	3,200	72,320	114.1	190.2
AU14	750	1,405	28,680	77.9	103.8
AU18	750	1,780	39,300	88.5	118.0
AU20	750	2,000	44,440	96.9	129.2
AU25	750	2,500	56,240	110.4	147.2
ThyssenKrupp					
TKL603	600	1,200	19,199	64.2	107.0
TKL604	600	1,618	31,548	73.1	121.8
TKL605	600	2,021	42,433	82.1	136.8
TKL606L	600	2,205	47,402	85.4	142.3
TKL606L	600	2,502	53,785	93.9	156.5

N.B. Please contact the nearest GIKEN office about the applicability of other U sheet pile sections.