

## Typical Applicable Piles (Tubular Pile)

Section	Outside Diameter (mm)	Wall thickness (mm)	Spacing (mm)	Section Modulus Z (cm <sup>3</sup> )	Section Modulus Z (cm <sup>3</sup> /m)	Moment of Inertia I (cm <sup>4</sup> )	Moment of Inertia I (cm <sup>4</sup> /m)	Mass per m of pile (kg/m)	Mass per m <sup>2</sup> of wall (kg/m <sup>2</sup> )
600mm@700mm c/c	600	9	700	2,432	3,475	72,974	104,248	131	187.4
600mm@700mm c/c	600	12	700	3,195	4,564	95,842	136,917	174	248.6
800mm@900mm c/c	800	12	900	5,766	6,406	230,632	256,258	233	259.1
800mm@900mm c/c	800	14	900	6,676	7,418	267,050	296,723	271	301.5
1000mm@1,150mm c/c	1,000	16	1,150	11,976	10,414	598,797	520,693	388	337.6
1000mm@1,150mm c/c	1,000	18	1,150	13,392	11,645	669,596	582,257	436	379.1
1200mm@1,400mm c/c	1,200	18	1,400	19,460	13,900	1,167,577	833,984	525	374.8
1200mm@1,400mm c/c	1,200	22	1,400	23,546	16,819	1,412,765	1,009,118	639	456.5
1500mm@1,750mm c/c	1,500	20	1,750	33,954	19,402	2,546,562	1,455,179	730	417.1
1500mm@1,750mm c/c	1,500	22	1,750	37,200	21,257	2,789,986	1,594,278	802	458.2
1500mm@1,750mm c/c	1,500	25	1,750	42,018	24,011	3,151,379	1,800,788	909	519.7
2000mm@2,250mm c/c	2,000	20	2,250	60,972	27,099	6,097,190	2,709,862	977	434.0
2000mm@2,250mm c/c	2,000	23	2,250	69,802	31,023	6,980,178	3,102,301	1,121	498.4
2000mm@2,250mm c/c	2,000	25	2,250	75,643	33,619	7,564,335	3,361,927	1,218	541.2
2500mm@2,750mm c/c	2,500	20	2,750	95,844	34,852	11,980,451	4,356,528	1,223	444.8
2500mm@2,750mm c/c	2,500	23	2,750	109,823	39,936	13,727,871	4,991,953	1,405	510.9
2500mm@2,750mm c/c	2,500	25	2,750	119,086	43,304	14,885,719	5,412,989	1,526	554.9

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