

Typical Applicable Piles (Tubular Pile with Interlock)

Section	Outside Diameter (mm)	Wall thickness (mm)	Spacing (mm)	Section Modulus Z (cm ³)	Section Modulus Z (cm ³ /m)	Moment of Inertia I (cm ⁴)	Moment of Inertia I (cm ⁴ /m)	Mass per m of pile (kg/m)	Mass per m ² of wall (kg/m ²)
Tubular Pile with PT Interlock									
600mm x t9mm	600	9	880	2,432	2,764	72,974	82,925	131	149.1
600mm x t12mm	600	12	880	3,195	3,630	95,842	108,911	174	197.7
800mm x t12mm	800	12	1,080	5,766	5,339	230,632	213,549	233	215.9
800mm x t14mm	800	14	1,080	6,676	6,182	267,050	247,269	271	251.3
1000mm x t16mm	1,000	16	1,330	11,976	9,004	598,797	450,224	388	291.9
1000mm x t18mm	1,000	18	1,330	13,392	10,069	669,596	503,456	436	327.8
1200mm x t18mm	1,200	18	1,580	19,460	12,316	1,167,577	738,973	525	332.1
1200mm x t22mm	1,200	22	1,580	23,546	14,903	1,412,765	894,155	639	404.5
1500mm x t20mm	1,500	20	1,930	33,954	17,593	2,546,562	1,319,462	730	378.2
1500mm x t22mm	1,500	22	1,930	37,200	19,275	2,789,986	1,445,589	802	415.5
1500mm x t25mm	1,500	25	1,930	42,018	21,771	3,151,379	1,632,839	909	471.2
2000mm x t20mm	2,000	20	2,430	60,972	25,091	6,097,190	2,509,132	977	401.9
2000mm x t23mm	2,000	23	2,430	69,802	28,725	6,980,178	2,872,501	1,121	461.5
2000mm x t25mm	2,000	25	2,430	75,643	31,129	7,564,335	3,112,895	1,218	501.1
2500mm x t20mm	2,500	20	2,930	95,844	32,711	11,980,451	4,088,891	1,223	417.5
2500mm x t23mm	2,500	23	2,930	109,823	37,482	13,727,871	4,685,280	1,405	479.5
2500mm x t25mm	2,500	25	2,930	119,086	40,644	14,885,719	5,080,450	1,526	520.8
Tubular Pile with PP Interlock									
600mm x t9mm	600	9	947.8	2,432	2,566	72,974	76,993	131	138.4
600mm x t12mm	600	12	947.8	3,195	3,371	95,842	101,120	174	183.6
800mm x t12mm	800	12	1,147.8	5,766	5,023	230,632	200,934	233	203.2
800mm x t14mm	800	14	1,147.8	6,676	5,817	267,050	232,663	271	236.4
1000mm x t16mm	1,000	16	1,397.8	11,976	8,568	598,797	428,386	388	277.8
1000mm x t18mm	1,000	18	1,397.8	13,392	9,581	669,596	479,036	436	311.9
1200mm x t18mm	1,200	18	1,647.8	19,460	11,809	1,167,577	708,567	525	318.4
1200mm x t22mm	1,200	22	1,647.8	23,546	14,289	1,412,765	857,364	639	387.9
1500mm x t20mm	1,500	20	1,997.8	33,954	16,996	2,546,562	1,274,683	730	365.4
1500mm x t22mm	1,500	22	1,997.8	37,200	18,620	2,789,986	1,396,529	802	401.4
1500mm x t25mm	1,500	25	1,997.8	42,018	21,032	3,151,379	1,577,425	909	455.2
2000mm x t20mm	2,000	20	2,497.8	60,972	24,410	6,097,190	2,441,024	977	391.0
2000mm x t23mm	2,000	23	2,497.8	69,802	27,945	6,980,178	2,794,530	1,121	448.9
2000mm x t25mm	2,000	25	2,497.8	75,643	30,284	7,564,335	3,028,399	1,218	487.5
2500mm x t20mm	2,500	20	2,997.8	95,844	31,971	11,980,451	3,996,414	1,223	408.0
2500mm x t23mm	2,500	23	2,997.8	109,823	36,635	13,727,871	4,579,315	1,405	468.7
2500mm x t25mm	2,500	25	2,997.8	119,086	39,724	14,885,719	4,965,548	1,526	509.0

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