

Technical Data of PACO Spun Pile

OUTER DIAM. (mm)	WALL THICKNESS (mm)	LENGTH PER PIECE (m)	PC. WIRE		CONCRETE CROSS SECTION AREA (cm ²)	TOTAL CROSS SECTION AREA (cm ²)	PERIMETER (cm)	MOMENT OF INERTIA OF CONCRETE (cm ⁴)	EFFECTIVE PRESTRESS (ksc)	NOMINAL WEIGHT (kg/m)	BENDING MOMENT		ULTIMATE AXIAL LOAD ON PILE (Ton)	ALLOWABLE AXIAL LOAD ON PILE (Ton)	RECOMMENDED SAFE LOAD (BKK AREA) (Ton)
			DIA.	NOS.							CRACKING (t-m)	ALLOWABLE (t-m)			
250	55	7 - 17	5	7	337	491	78.5	17,289	47.67	88	1.28	1.35	133.59	53.44	25 - 35
300	60	7 - 17	5	9	452	707	94.2	34,608	45.87	117	2.09	2.09	179.66	71.86	35 - 50
350	65	7 - 18	5	12	582	962	110.0	62,163	47.38	151	3.27	3.25	230.80	92.32	50 - 65
400	75	7 - 19	7	8	766	1,257	125.7	106,489	44.38	199	4.74	4.58	305.15	122.06	65 - 80
450	80	7 - 19	7	10	930	1,591	141.4	166,570	45.60	242	6.69	6.44	369.81	147.92	80 - 100
500	90	7 - 19	7	13	1,159	1,964	157.1	255,324	47.42	301	9.41	9.30	459.60	183.84	90 - 120
600	100	7 - 19	7	17	1,571	2,828	188.5	510,509	45.93	408	15.43	14.60	624.38	249.75	100 - 150
800	120	7 - 17	7	28	2,564	5,028	251.3	1,527,870	46.40	667	34.80	32.05	1018.33	407.33	180 - 250

Remark Recommended safe loads depend on soil conditions and total length of pile. All designs conform to TIS 398 - 2537 (1994)

