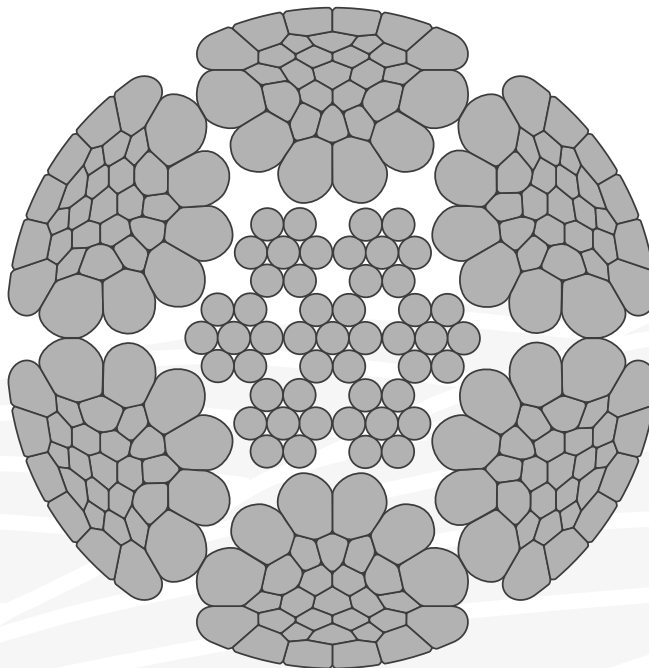


PYTHON CONSTRUCT 6

APPLICATION INFORMATION

breaking strength	●●●●○	rotation resistant	no
bending performance	●●●○	use with swivel	no
drum crush resistance	●●●●●	rec. max fleet angle	4,0°
abrasion resistance	●●●●●	multi layer suited	yes
lateral pressure stability	●●●●○		



FORCEPAC

NON - ROTATION RESISTANT

ROPE CHARACTERISTICS

Construct 6 is a swaged rope which is constructed from specialty made engineered and sized 6-strand wire rope. The basic wire rope is specially manufactured to the perfect specifications for swage compacting into the finished product. The degree of swage compacting is carefully selected to ensure the best compromise between crush- and fatigue resistance. Because of the swage compacting process, most of the rope's initial stretch (constructional stretch) has already been removed.

Construct 6 is a budget solution for applications which require a crush resistant rope to be used on multiple layer winding systems; for instance boom hoist line on lattice boom mobile- and tower cranes and as a general purpose winch rope for heavy duty applications.

construction 7-25,4mm: 6xK31WS-IWRC 26-36mm: 6xK36WS-IWRC	number of wires 235 265	load bearing outer wires 186 216
number of strands 6+IWRC	manufacturing tolerance +2% / +4%	available in regular lay

Nominal diameter [mm/inch]	Mass weight [kg/100m]	Minimum breaking load
		1960 N/mm ² [kN]
1/4"	22,0	40
7	23,7	43
5/16"	38,0	67
8	38,0	67
9	46,0	82
3/8"	51,0	93
10	55,0	98
11	66,0	116
7/16"	66,0	116
12	76,0	136
1/2"	88,0	156
13	88,0	156
14	101,0	179
9/16"	101,0	179
15	114,0	203
5/8"	129,0	230
16	129,0	230
17	144,0	257
18	159,0	283
19	175,0	325
3/4"	176,0	325
20	193,0	343
21	211,5	387
22	230,0	432
7/8"	231,0	432
23	256,5	457
24	283,0	481
25	300,5	521
1"	302,0	557
26	318,0	561
27	335,0	635
28	352,0	708
1 - 1/8"	353,0	708
29	381,5	723
30	411,0	737
31	439,0	790
1 - 1/4"	469,0	843
32	469,0	843
33	502,5	898
34	536,0	953
1 - 3/8"	571,0	1.007
35	571,0	1.007
36	606,0	1.062