

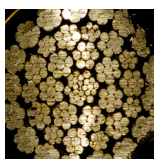
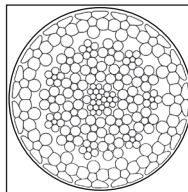
PRODUCT INFORMATION
.....**STEEL ROPE****PYTHON[®] UNI MULTI**
.....

python® lift

(former python 505) special construction rotation-resistant rope

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade			
		1960N/mm ² (200kp/mm ²)		2160N/mm ² (220kp/mm ²)	
mm	~ kg/m	kN	kgf	kN	kgf
12	0,68	139	14200	153	15600
13	0,79	163	16600	179	18300
14	0,92	189	19300	208	21200
15	1,06	217	22100	239	24400
16	1,20	246	25100	272	27700
17	1,36	278	28400	307	31300
18	1,52	312	31800	344	35100
19	1,69	347	35400	383	39100
20	1,88	385	39300	424	43200
22	2,27	466	47500	513	52300
24	2,70	554	56500	611	62300

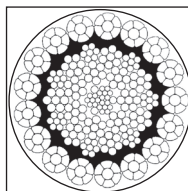
The ideal two. Robust, adequately flexible, extreme structural stability, optimised breaking force, parallel closure, compacted strands, intensive lubrication, suitability almost guaranteed

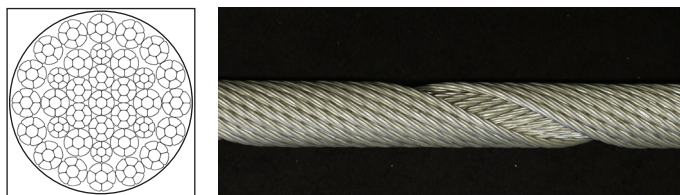


python® hoist c

(former python 17524 KL) plastic coated IWRC, special construction compacted rotation-resistant round strand rope with polymer cushioned centre

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade			
		1960N/mm ² (200kp/mm ²)		2160N/mm ² (220kp/mm ²)	
mm	~ kg/m	kN	kgf	kN	kgf
26	3,17	633	64600	664	67700
28	3,64	726	74100	761	77600
30	4,15	830	84700	870	88700
32	4,69	937	95600	982	100000
34	5,30	1060	108000	1110	112000
36	6,00	1200	122000	1260	129000
38	6,60	1320	135000	1380	141000
40	7,31	1460	149000	1530	156000
42	8,18	1640	167000	1710	174000
44	8,99	1800	184000	1880	192000
46	9,89	1980	202000	2070	211000
48	10,45	2090	213000	2190	223000



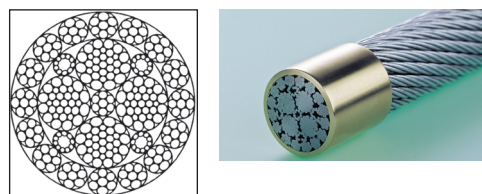


Universal.
Combines high performance
and high strength with economy

python® compac 35

Special construction compacted non rotating round strand rope

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade			
		1960N/mm ² (200kp/mm ²)		2160N/mm ² (220kp/mm ²)	
mm	~ kg/m	kN	kgf	kN	kgf
10	0,48	87	8870	96	9790
11	0,58	105	10700	116	11800
12	0,69	125	12800	138	14100
13	0,81	147	15000	162	16500
14	0,94	170	17300	188	19200
15	1,08	196	20000	216	22000
16	1,22	223	22700	245	25000
17	1,38	251	25600	277	28300
18	1,55	282	28800	311	31700
19	1,73	314	32000	346	35300
20	1,95	338	34500	372	37900
21	2,15	384	39200	424	43200
22	2,41	430	43900	474	48300
23	2,67	475	48500	519	52900
24	2,84	505	51500	551	56200
25	3,12	556	56700	606	61800
26	3,35	598	61000	652	66500
27	3,60	641	65400	700	71400
28	3,91	696	71000	760	77500
29	4,13	736	75100	803	81900
30	4,46	794	81000	866	88300
31	4,78	851	86800	929	94800
32	5,03	896	91400	977	99700
33	5,36	956	97500	1030	105000
34	5,74	1020	104000	1110	113000
35	6,06	1080	110000	1170	119000
36	6,42	1140	116000	1240	126000
37	6,74	1200	122000	1300	133000
38	7,18	1280	131000	1380	141000
39	7,53	1340	137000	1450	148000
40	7,93	1410	144000	1530	156000
41	8,28	1480	151000	1590	162000
42	8,70	1550	158000	1670	170000
43	9,13	1630	166000	1760	180000
44	9,48	1690	172000	1830	187000
45	9,93	1770	181000	1910	195000
46	10,4	1860	190000	2010	205000
47	10,8	1930	197000	2100	214000
48	11,4	2020	206000	2190	223000

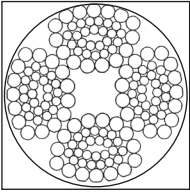


multilift hp35

Special construction rotation-resistant round strand rope

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1960N/mm ² (200kp/mm ²)	
		kN	kgf
mm	~ kg/m	kN	kgf
8	0,295	49,2	5020
9	0,373	62,2	6340
10	0,461	76,8	7830
11	0,558	93,0	9490
12	0,664	111	11300
13	0,779	130	13300
14	0,904	151	15400
15	1,04	173	17600
16	1,18	197	20100
17	1,33	222	22600
18	1,49	249	25400
19	1,66	277	28300
20	1,73	307	31300
21	2,03	339	34600
22	2,23	372	37900
23	2,44	406	41400
24	2,66	442	45100
25	2,88	480	49000
26	3,12	519	52900
28	3,61	602	61400
30	4,15	691	70500
32	4,72	787	80300
34	5,33	888	90600

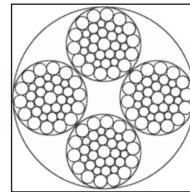
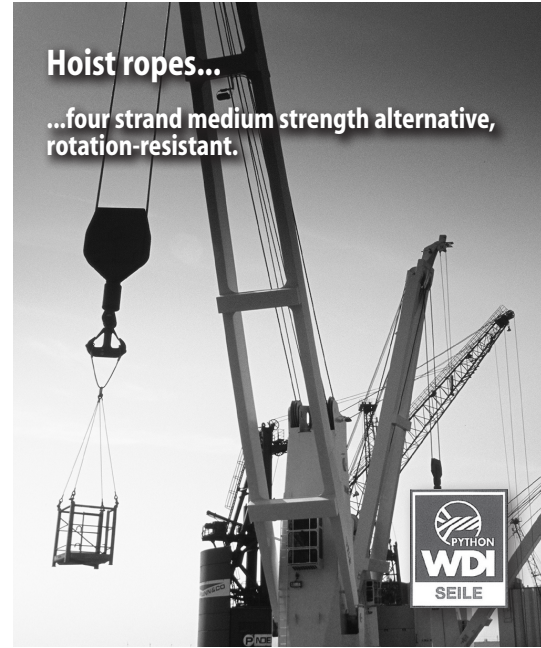
The rope weight is defined as the approximate calculated length mass kg/m (informative). The rope grade is the acronym for the nominal tensile strength of the wires in N/mm². The permitted deviation of the rope diameter from nominal diameter depends on rope type and rope diameter, is normally lower than comparable standard rope.



uni-rope

Special four-strand construction rotation-resistant rope compacted, fibre core in centre and in each strand

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade	
		1920N/mm ² (195kgf/mm ²)	
mm	~ kg/m	kN	kgf
20	1,61	277	28300
22	1,95	335	34200
22,4	2,02	347	35400
24	2,32	399	40700
25	2,51	433	44200
26	2,72	468	47700
28	3,15	543	55400
30	3,62	623	63500
31,5	3,99	687	70100
32	4,12	709	72300
33,5	4,51	777	79300
34	4,65	800	81600
35,5	5,07	872	88900
36	5,21	897	91500
37,5	5,66	974	99300
38	5,81	1000	102000
40	6,44	1080	110000

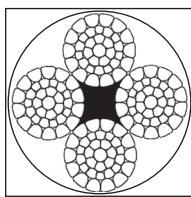


uni-hoist VS 4x36

Special compacted four-strand construction rope, rotation-resistant

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force	
		kN	kgf
mm	~ kg/m		
28	3,14	584	60000
30	3,60	670	68300
32	4,10	762	77700
33,5	4,49	835	85200
34	4,62	860	87700
36	5,18	965	98400
38	5,78	1080	110000

The rope weight is defined as the approximate calculated length mass kg/m (informative). The rope grade is the acronym for the nominal tensile strength of the wires in N/mm². The permitted deviation of the rope diameter from nominal diameter depends on rope type and rope diameter, is normally lower than comparable standard rope. With Uni-rope it is +7/-0%, with Uni-hoist it is +5/-0%.

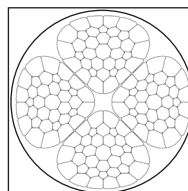


uni-hoist CVS 4x36

Special high-strength compacted four-strand construction rope, rotation-resistant

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force	
		kN	kgf
mm	~ kg/m		
28	3,37	633	64600
30	3,87	727	74200
32	4,40	827	84400
33,5	4,83	907	92500
34	4,97	934	95300
36	5,57	1050	107000
38	6,21	1170	119000

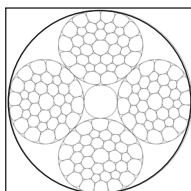
Hoist Ropes...
... four strand construction, high strength, rotation-resistant



uni-hoist CPR 4x36

Special high-strength compacted four-strand construction rope, rotation-resistant

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force	
		kN	kgf
mm	~ kg/m		
28	3,39	682	69600
29	3,80	733	74800
30	4,20	784	80000
31	4,49	838	85500
32	4,77	891	90900
33	5,08	948	96700
34	5,39	1010	103000
35	5,68	1020	104000
36	5,97	1030	105000



uni-hoist C CVS 4x36

Extra high-strength compacted four-strand construction rope, rotation-resistant

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force	
		kN	kgf
mm	~ kg/m		
28	3,53	681	69500
30	4,05	782	79800
32	4,61	889	90700

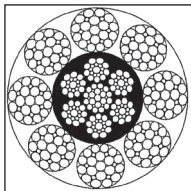
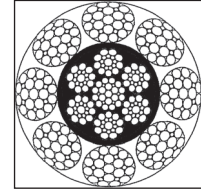
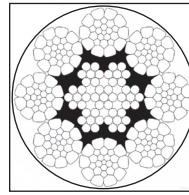
The rope weight is defined as the approximate calculated length mass kg/m (informative). The rope grade is the acronym for the nominal tensile strength of the wires in N/mm². The permitted deviation of the rope diameter from nominal diameter depends on rope type and rope diameter, is normally lower than comparable standard rope. With Unihoist it is $\pm 5\%$.

Luffing...
combines high strength and
optimum stability.
Caution: Not rotation-resistant

python® super 8 c

Special construction round strand rope compacted strands

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade			
		1960N/mm ² (200kgf/mm ²)		2160N/mm ² (220kgf/mm ²)	
mm	~ kg/m	kN	kgf	kN	kgf
24	2,51	512	52200	525	53600
26	2,94	600	61200	615	62700
28	3,44	703	71700	720	73400
30	3,92	798	81400	818	83400
32	4,51	921	93900	944	96300
34	5,09	1030	105000	1060	108000
36	5,69	1160	118000	1190	121000
38	6,34	1290	132000	1320	135000



multilift hp 825 p

Special construction round strand rope with polymer cushioned centre

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1960N/mm ² (200kp/mm ²)	
		kN	kgf
mm	~ kg/m		
8	0,27	48,7	5000
9	0,34	61,6	6280
10	0,43	76,0	7750
11	0,52	92,0	9380
12	0,62	109	11100
13	0,73	128	13000
14	0,85	149	15200
15	0,97	171	17400
16	1,11	195	19900
17	1,26	220	22400
18	1,41	246	25100
19	1,57	274	27900
20	1,74	304	31000
22	2,10	368	37500
24	2,50	438	44700
26	2,91	514	52400
28	3,37	596	60800
30	3,87	684	69800
32	4,40	778	79400
34	4,98	879	89700

multilift hp 825 cp

Special construction compacted round strand rope with polymer cushioned centre

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1960N/mm ² (200kp/mm ²)	
		kN	kgf
mm	~ kg/m		
8	0,34	61,6	6280
9	0,43	76,0	7750
10	0,52	92,0	9380
11	0,62	109	11100
12	0,73	128	13100
13	0,85	149	15200
14	0,97	171	17400
15	1,11	195	19900
16	1,26	220	22400
17	1,41	246	25100
18	1,57	274	27900
19	1,74	304	31000
20	1,91	368	37500
22	2,29	438	44700
24	2,91	514	52400
26	3,37	596	60800
28	3,87	684	69800
30	4,40	778	79400
32	4,98	879	89700



Plastic lining ...

...a technical application well worthwhile:
Plastic lining between rope core and outer strands prevents escape of lubricant, influx of water and dirt, stabilises the rope structure, prevents wire and strands rubbing together, provides elasticity, i.e. cushions when pulled, pressed and bent.

The benefits:

- Improved stability in rope structure
- Excellent corrosion protection in the rope interior
- Reduced inner wear
- Improved absorption of dynamic forces
- Enhanced running performance
- Better protection against deformation