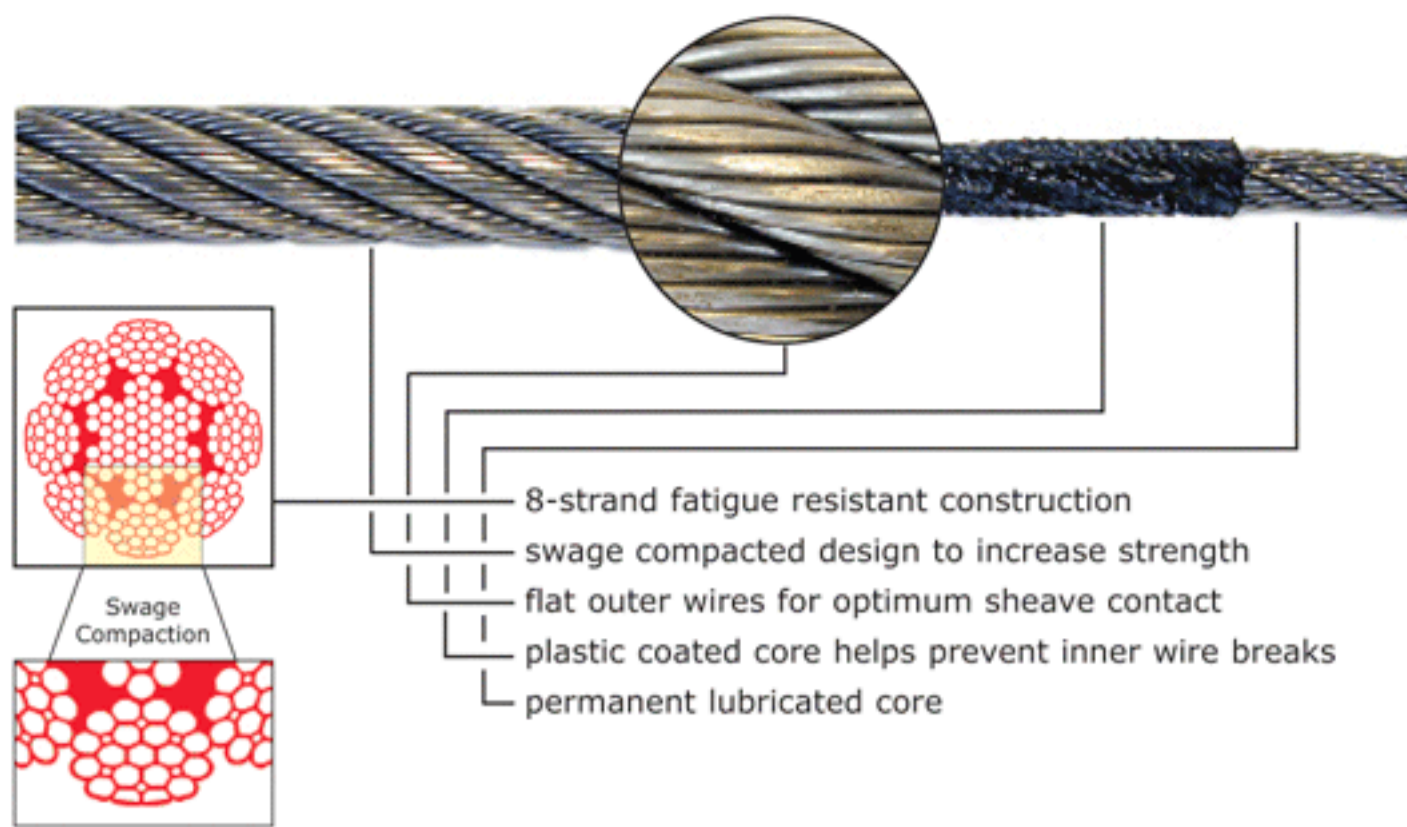


Python® Super 8V



Applications:

Super 8V is a upgrade rope for all overhead crane types which require a stronger rope to increase the crane capacity while maintaining the ability to operate with fleet angles of up to 4°. The 8-strand construction provides an excellent combination of flexibility and abrasion resistance. Also used in looping- or accumulator tower applications.



Rope Characteristic:

8-strand high performance overhead crane wire rope with a plastic coated core. This special engineered hard plastic prevents metal to metal contact between outer- and inner strands and greatly reduces internal, non-detectable, wear and abrasion resulting in increased fatigue life, plus it provides for permanent core lubrication.

Type 'V' is swage compacted for increased surface contact area between rope and sheave thus reducing sheave and drum wear.

Super 8V is up to 30% stronger than regular 6-strand EIPS ropes. Check listings for details.

Standard:

EN 10264, 12385 where applicable

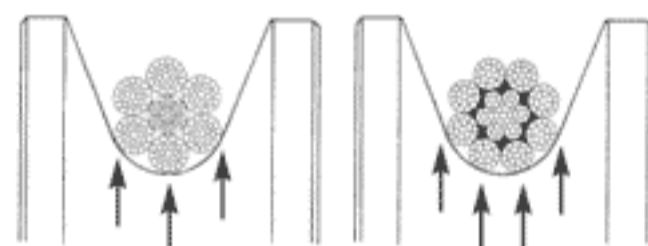
Do NOT use Python® Super 8 wire rope attached to a swivel. The rope WILL unlay resulting in an unsafe condition.

Block Twisting (Cabling) will occur when used exceeding certain lifting heights. Call for advice

Python® Super 8 is NOT rotation resistant or non-rotating



Available in right regular lay (RRL) AND left regular lay (LRL)



The 8-strand construction provides an increase in contact points between rope and sheave. Less wear of the rope and of your equipment.

Breaking Strengths

Note: The maximum CAPACITY, WORKING LOAD LIMIT (WLL), or LINE PULL of the rope usually is 1/5 of the below stated values. For specific information consult the standards applicable to your rope application.

Python® Super 8V (Swage Compacted)

Overhead Crane Wire Rope

Construction:
 8 x 25 Filler

8-strand overhead crane wire rope with a plastic coated core to prevent inner undetectable fatigue breaks. The plastic coating also increases fatigue life and ensures permanent core lubrication. Super-8V is a swage compacted rope for better abrasion resistance and increased strength.

Python® Super 8V is available in right- and in left lay configurations to adopt to the corresponding drum groove direction.

Furthermore, using right- and left hand rope on the same crane results in a rope system which is very stable against block twisting.

Imperial Python Super 8-V				
Rope Dia. (inch)	Minimum Strength tons of 2000 lbs; Super 8V (IPS)	Minimum Strength tons of 2000 lbs; Super 8V (EIPS)	Minimum Strength tons of 2000 lbs; Super 8V (EEIPS)	Weight per foot lbs
1/2	14.9	16.5	18.2	0.51
9/16	19	21	23.1	0.65
5/8	23.7	26.2	28.9	0.82
3/4	33.4	37	40.8	1.15
7/8	44.8	49.6	54.7	1.54
1	59.7	66.1	72.8	2.06
1 - 1/8	75.7	83.8	92.4	2.61
1 - 1/4	94.7	104.9	115.6	3.27
1 - 3/8	112.7	124.8	137.5	3.89
1 - 1/2	133.7	148	163.1	4.61
1 - 5/8	157.9	174.8	192.6	5.44
1 - 3/4	179.2	198.4	218.6	6.18
1 - 7/8	207.7	232.2	255.8	7.23

Metric Python Super 8-V				
Rope Dia. (mm)	Minimum Strength in kn; Super 8V 1770 N/mm2	Minimum Strength in kn; Super 8V 1960 N/mm2	Minimum Strength in kn; Super 8V 2160 N/mm2	Weight per mtr kgs
12	119	131.8	145.2	0.67
13	139.7	154.7	170.4	0.79
14	161.9	179.3	197.3	0.92
15	185.9	205.8	226.8	1.05
16	211.5	234.2	258.1	1.19
17	238.8	264.4	291.4	1.35
18	267.8	296.5	326.7	1.52
19	298.2	330.2	364	1.68
20	330.5	366	403.3	1.87
22	399.9	442.8	488	2.27
24	475.8	526.9	580.7	2.69
26	558.4	618.4	681.6	3.16
28	647.7	717.2	790.5	3.66
30	743.6	823.4	907.4	4.21
32	846	936.8	1032.4	4.79
34	955	1057.5	1165.5	5.41
36	1070.8	1185.7	1306.6	6.06
38	1192.9	1321	1455.9	6.75
40	1321.9	1463.8	1613.2	7.48
42	1457.4	1613.8	1778.5	8.24