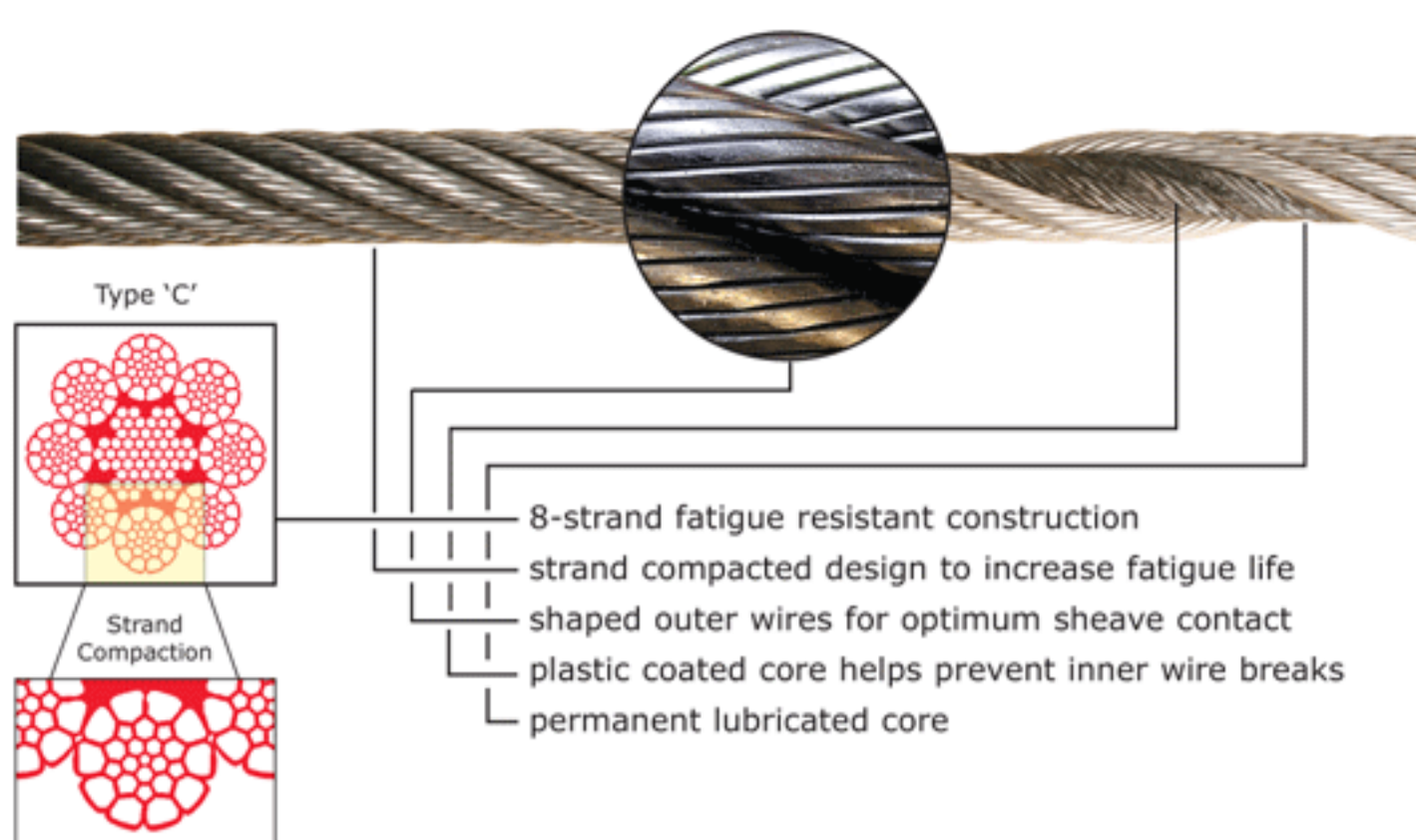


Python® Super 8C



Main Applications:

Super 8C is the classic 'upgrade' rope for all overhead crane types for increased rope service life performance while maintaining the ability to operate with fleet angles up to 4°. The 8-strand construction provides an excellent combination of flexibility, fatigue life, and abrasion resistance.

This rope is also the ideal choice for container- and port cranes. We can provide this rope in 'dual-tensile strength' by which the outer strand wires are made from a higher fatigue resistant steel.

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.

This rope is strand compacted for increased surface contact area between rope and sheave thus reducing sheave and drum wear.



Standard:

EN 10264, 12385 where applicable

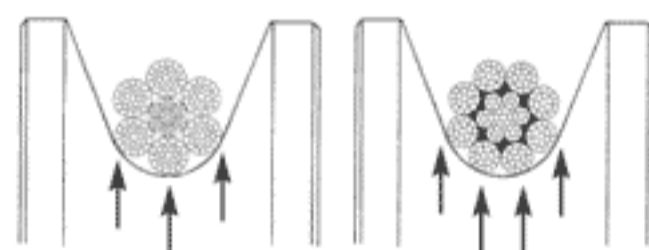
Do NOT use Python® Super 8 wire rope attached to a swivel. The rope WILL unlay resulting in an unsafe condition.

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 8C

Strand Compacted

Overhead Crane Wire Rope

Construction:
8 x 26 WS

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-8C is a strand compacted rope for higher fatigue resistance and increased strength.

Python® Super 8C 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 8C				
Rope Dia. (inch)	Minimum Strength tons of 2000 lbs; Super 8C (IPS)	Minimum Strength tons of 2000 lbs; Super 8C (EIPS)	Minimum Strength tons of 2000 lbs; Super 8C (EEIPS)	Weight per foot lbs
7/16	10.9	12.4	12.7	0.37
1/2	14.2	16.2	16.6	0.47
9/16	18	20.5	21	0.61
5/8	22.3	25.3	26	0.76
3/4	32	36.5	37.3	1.06
7/8	43.6	49.6	50.9	1.46
1	57	64.8	66.4	1.88
1 - 1/8	72.1	82.1	84.1	2.41
1 - 1/4	89	101.3	103.7	2.98
1 - 3/8	107.7	122.6	125.6	3.61
1 - 1/2	128.2	145.8	149.4	4.28
1 - 5/8	150.5	171.2	175.4	4.99
1 - 3/4	174.5	198.5	203.3	5.81

Metric Python Super 8-C				
Rope Dia. (mm)	Minimum Strength in kn; Super 8C 1770 N/mm2	Minimum Strength in kn; Super 8C 1960 N/mm2	Minimum Strength in kn; Super 8C 2160 N/mm2	Weight per mtr kgs
12	113.2	128.8	132	0.63
13	131.4	149.5	153.1	0.74
14	154.1	175.4	179.6	0.87
15	175.7	199.9	204.8	0.98
16	203.3	231.3	237	1.14
17	225.7	256.8	263	1.27
18	254.6	289.7	296.8	1.42
19	282.4	321.3	329.2	1.57
20	313.9	357.1	365.9	1.76
22	381.7	434.2	444.8	2.13
24	450.4	512.4	524.9	2.51
26	527.3	599.9	614.5	2.94
28	617.9	702.9	720.1	3.44
30	701.7	798.4	817.9	3.92
32	809.9	921.4	943.9	4.51
34	907.7	1032.7	1058	5.09
36	1019.7	1160.1	1188.5	5.69
38	1131.6	1287.4	1318.9	6.34
40	1256.5	1429.5	1464.5	7
42	1380.9	1571	1609.4	7.69
44	1513.9	1722.3	1764.4	8.47
46	1659.2	1887.7	1933.8	9.29
48	1801.4	2049.4	2099.5	10.1