Python® Super 8R

- 8-strand fatigue resistant construction
- 8-strand design to outperform 6-strand types
- plastic coated core helps prevent inner wire breaks
- permanent lubricated core
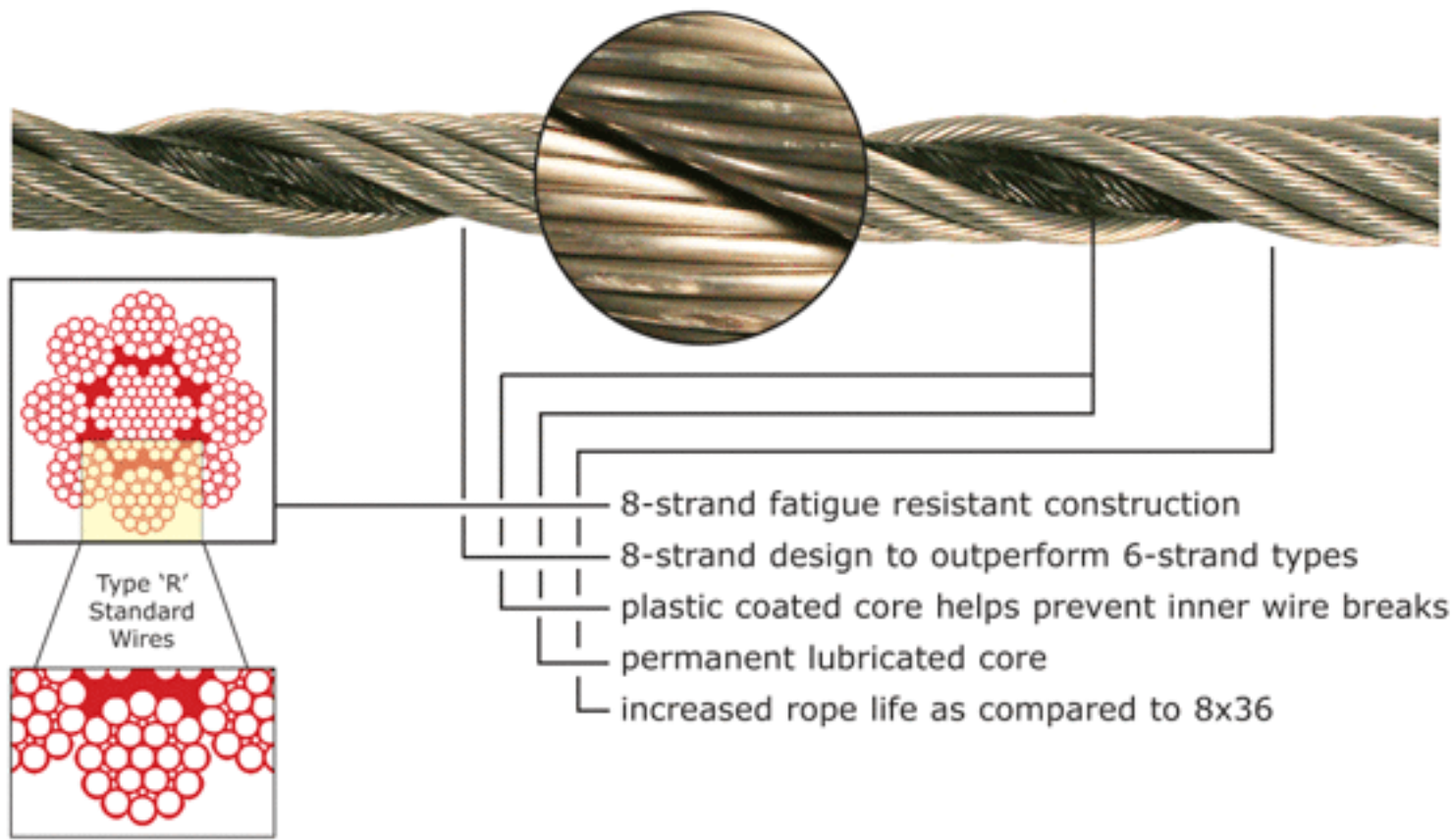- increased rope life as compared to 8x36

Type 'R' Standard Wires

Main Applications:

Super-8R is the next step up from regular 8x36 wire rope for overhead cranes with 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.

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 not compacted.

Standard:

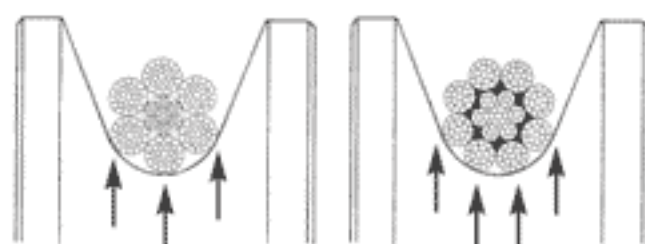EN 10264, 12385 where applicable

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 8R

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.

Python® Super 8R 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 8R				
Rope Dia. (inch)	Minimum Strength tons of 2000 lbs (IPS)	Minimum Strength tons of 2000 lbs (EIPS)	Minimum Strength tons of 2000 lbs (EEIPS)	Weight per foot lbs
7/16	10.2	11.3	12.4	0.35
1/2	13.5	15	16.5	0.47
9/16	17.2	19	21	0.59
5/8	21.5	23.8	26.3	0.74
3/4	30.3	33.6	37	1.05
7/8	40.7	45.1	49.6	1.4
1	54.3	60.1	66.2	1.87
1 - 1/8	68.7	76.1	83.9	2.37
1 - 1/4	86.1	95.3	105.1	2.97
1 - 3/8	102.4	113.4	125	3.53
1 - 1/2	121.4	134.4	148.1	4.19
1 - 5/8	143.4	158.8	175	4.95
1 - 3/4	162.7	180.2	198.6	5.61

Metric Python Super 8R				
Rope Dia. (mm)	Minimum Strength in kn Super 8R; 1770 N/mm2	Minimum Strength in kn Super 8R; 1960 N/mm2	Minimum Strength in kn Super 8R; 2160 N/mm2	Weight per mtr kgs
10	75.1	83.2	91.6	0.42
11	90.8	100.5	110.9	0.51
12	108.1	119.7	131.9	0.61
13	126.9	140.5	154.8	0.72
14	147.1	162.9	179.5	0.82
15	168.9	187	206.1	0.95
16	192.1	212.7	234.5	1.08
17	216.9	240.2	264.8	1.23
18	243.2	269.3	269.8	1.37
19	271	300.1	330.7	1.53
20	300.2	332.4	336.4	1.69
22	363.3	402.3	443.3	2.05
24	432.3	478.7	527.6	243
26	507.4	561.9	619.2	2.85
28	588.4	651.6	718.2	3.31
30	675.6	748.1	824.3	3.8
32	768.7	851.2	938	4.32
34	867.7	960.9	1058.9	4.88
36	972.8	1077.2	1187.1	5.48
38	1083.9	1200.2	1322.6	6.1
40	1201	1329.9	1465.6	6.76
42	1344.1	1466.2	1615.8	7.45
44	1453.2	1609.2	1773.3	8.17