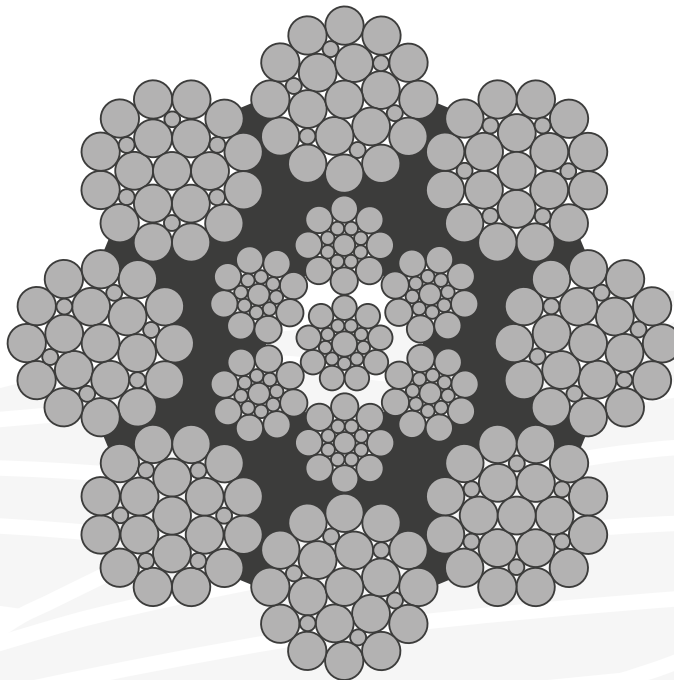


# PYTHON SUPER 8 R

## APPLICATION INFORMATION

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



PLASTGUARD

NON - ROTATION RESISTANT

## ROPE CHARACTERISTICS

Highly flexible rope for a wide variety of cranes with moderate breakload requirements. The 8-strand construction provides an excellent combination of flexibility, fatigue life, and abrasion resistance. Super 8 R is in many applications the step upward from 6x36, providing reduced downtime and installation costs. Suited as hoist line in systems using a left and right handed rope and in multi-fall applications with low lifting heights.

<b>construction</b> 10-50mm: 8x25F-EPIWRC 51-60mm: 8x36WS-EPIWRC 61+ mm: 8x41WS-EPIWRC	<b>number of wires</b> 249 / 321 409 449	<b>load bearing outer wires</b> 152 288 328
<b>number of strands</b> 8+IWRC	<b>manufacturing tolerance</b> +2% / +4%	<b>available in</b> regular- / lang lay

Minimum breaking load

Nominal diameter [mm/inch]	Mass weight [kg/100m]	Minimum breaking load		
		1770 N/mm <sup>2</sup> [kN]	1960 N/mm <sup>2</sup> [kN]	2160 N/mm <sup>2</sup> [kN]
10	42,0	75	83	87
11	51,0	91	101	105
7/16"	51,0	91	101	105
12	61,0	108	120	121
1/2"	66,5	115	130	138
13	72,0	127	141	149
14	82,0	147	163	171
9/16"	85,7	150	168	178
15	95,0	169	187	195
5/8"	102,9	181	201	214
16	108,0	192	213	219
17	123,0	217	240	252
18	137,0	243	269	279
19	153,0	271	300	309
3/4"	153,0	271	300	309
20	169,0	300	332	347
21	187,0	332	367	384
22	205,0	363	402	420
7/8"	205,7	364	403	427
23	224,4	398	441	456
24	243,0	432	479	496
25	255,9	454	502	545
1"	268,7	477	526	558
26	285,0	507	562	586
27	308,0	548	607	631
28	331,0	588	652	676
1-1/8"	342,9	606	671	712
29	361,5	641	710	746
30	380,0	676	748	780
31	406,0	722	800	834
1-1/4"	424,0	751	830	881
32	432,0	769	851	889
33	460,0	818	906	943
34	488,0	868	961	997
1-3/8"	510,7	902	1.000	1.061
35	518,0	920	1.019	1.061
36	548,0	973	1.077	1.144
38	610,0	1.084	1.200	1.275
1-1/2"	613,0	1.086	1.203	1.277
40	676,0	1.201	1.330	1.406
1-5/8"	697,6	1.239	1.372	1.489
42	745,0	1.344	1.466	1.552
44	817,0	1.453	1.609	1.703
1-3/4"	845,0	1.502	1.663	1.721
46	894,0	1.588	1.759	1.858
1-7/8"	946,0	1.681	1.862	1.965
48	973,0	1.729	1.915	2.021
50	1.056,0	1.877	2.078	2.167
2"	1.094,7	1.945	2.154	2.243
52	1.142,0	2.030	2.248	2.339

HIGHER DIAMETERS AND BREAKING LOADS ON REQUEST