

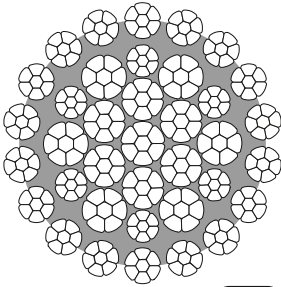
NAVIGATION

// ROTATION-
RESISTANT
NR Maxipact (Option PPI)
NR15 Maxiit (Option PPI)
Towerlift 15
LT 24 K

// SEMI-ROTATION-
RESISTANT

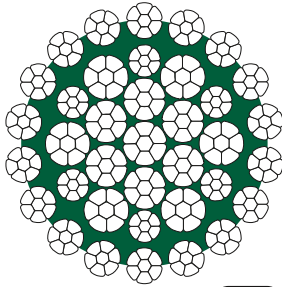
// NON-ROTATION-
RESISTANT

OLIVEIRA
NR MAXIPACT



High
breaking force

OLIVEIRA
NR MAXIPACT PPI



High
breaking force

PROPERTIES



Swivel



Compacted



Lubricated



Tolerance



PPI

APPLICATIONS

All cranes and performant lifting devices where non-rotating and high MBL ropes are required.

Recommended for offshore, deck cranes and marine environment.

OVERVIEW

RCN	Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
							*N/mm²
23–3	12,70 – 52	37xK7	18	259	126	0,716	0,85 (1960*) 0,81 (2160*)
30	54 – 64	37xK19	18	710	342	0,726	0,83 (1960*) 0,79 (2160*)
>31	66 – 70	37xK26	18	1092	468	0,714	0,81 (1960*) 0,78 (2160*)

- Temperature range of use: -50°C to +100°C
- Temperature range of use for option PPI: -50°C to +80°C
- Option PPI – only available for diameter ≥ 13mm
- Please add 1.0% on the weight for ropes with PPI
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand

nominal diameter		weight		minimum breaking force							
				1960 N/mm²				2160 N/mm²			
				kN	t [metric]	lbs	t [2000 lbs]	kN	t [metric]	lbs	t [2000 lbs]
mm	inch	kg/m	lb/ft								
12,70	1/2	0,77	0,52	148,0	15,09	33.272	16,64	155,9	15,90	35.048	17,52
13		0,82	0,55	157,8	16,09	35.468	17,73	165,7	16,90	37.248	18,62
14		0,95	0,64	183,3	18,69	41.198	20,60	192,5	19,63	43.266	21,63
15		0,97	0,65	209,6	21,37	47.116	23,56	220,6	22,50	49.603	24,80
15,88	5/8	1,09	0,73	230,0	23,45	51.706	25,85	241,0	24,58	54.179	27,09
16		1,24	0,84	239,4	24,41	53.820	26,91	251,4	25,64	56.521	28,26
17		1,40	0,94	269,7	27,50	60.637	30,32	283,4	28,90	63.719	31,86
18		1,57	1,05	302,5	30,85	68.015	34,01	317,7	32,40	71.428	35,71
19	3/4	1,75	1,18	338,9	34,55	76.180	38,09	355,9	36,29	80.002	40,00
20		1,93	1,30	374,2	38,16	84.120	42,06	393,0	40,07	88.341	44,17
21		2,13	1,43	412,2	42,03	92.659	46,33	432,9	44,14	97.309	48,65
22		2,33	1,57	452,0	46,09	101.610	50,81	474,7	48,40	106.709	53,35
22,23	7/8	2,36	1,59	458,0	46,70	102.962	51,48	481,0	49,05	108.133	54,07
23		2,55	1,72	494,8	50,46	111.236	55,62	519,6	52,99	116.818	58,41
24		2,79	1,87	540,3	55,09	121.461	60,73	567,4	57,86	127.556	63,78
25		3,03	2,04	587,1	59,87	131.985	65,99	616,6	62,87	138.608	69,30
25,40	1	3,08	2,07	595,4	60,71	133.851	66,93	625,3	63,76	140.573	70,29
26		3,25	2,18	634,2	64,68	142.584	71,29	666,1	67,92	149.739	74,87
27		3,54	2,38	683,6	69,70	153.670	76,84	717,9	73,20	161.382	80,69
28		3,79	2,55	734,0	74,85	165.019	82,51	770,9	78,61	173.299	86,65
28,58	1 1/8	3,97	2,67	768,3	78,34	172.721	86,36	806,8	82,27	181.376	90,69
29		4,07	2,73	790,0	80,56	177.599	88,80	824,4	84,07	185.335	92,67
30		4,37	2,94	846,3	86,30	190.262	95,13	888,8	90,63	199.809	99,90
31,75	1 1/4	4,84	3,25	930,0	94,83	209.072	104,54	975,0	99,42	219.189	109,59
32		4,95	3,32	959,6	97,85	215.730	107,87	1.007,0	102,69	226.383	113,19
34		5,58	3,75	1.079,0	110,03	242.569	121,28	1.133,0	115,53	254.710	127,35
34,93	1 3/8	5,93	3,98	1.146,0	116,86	257.631	128,82	1.202,0	122,57	270.220	135,11
36		6,30	4,23	1.221,0	124,51	274.492	137,25	1.282,0	130,73	288.205	144,10
38	1 1/2	6,96	4,68	1.352,0	137,87	303.942	151,97	1.418,0	144,60	318.779	159,39
40		7,69	5,17	1.495,0	152,45	336.094	168,05	1.568,0	159,89	352.500	176,25
41,28	1 5/8	8,29	5,57	1.602,0	163,36	360.144	180,07	1.682,0	171,52	378.129	189,06
42		8,48	5,70	1.645,0	167,74	369.811	184,91	1.730,0	176,41	388.913	194,46
44		9,37	6,30	1.818,0	185,38	408.703	204,35	1.909,0	194,66	429.160	214,58
44,45	1 3/4	9,51	6,39	1.838,0	187,42	413.199	206,60	1.928,0	196,60	433.432	216,72
46		10,33	6,94	1.995,0	203,43	448.494	224,25	2.095,0	213,63	470.975	235,49
47,63	1 7/8	10,86	7,29	2.095,0	213,63	470.975	235,49	2.190,0	223,32	492.331	246,17
48		11,32	7,61	2.184,0	222,71	490.983	245,49	2.293,0	233,82	515.487	257,74
50		12,03	8,09	2.331,0	237,70	524.030	262,01	2.451,0	249,93	551.007	275,50
50,80	2	12,42	8,34	2.400,0	244,73	539.541	269,77	2.517,0	256,66	565.844	282,92
52		13,17	8,85	2.548,0	259,82	572.813	286,41	2.676,0	272,88	601.589	300,79
54	2 1/8	14,34	9,63	2.731,0	278,48	613.953	306,98	2.868,0	292,45	644.752	322,38
56		15,33	10,30	2.854,0	291,03	641.605	320,80	3.049,0	310,91	685.442	342,72
57,15	2 1/4	16,07	10,80	2.981,0	303,98	670.155	335,08	3.180,0	324,27	714.892	357,45
58		16,49	11,08	3.063,0	312,34	688.590	344,29	3.261,0	332,53	733.102	366,55
60		17,78	11,95	3.293,0	335,79	740.296	370,15	3.500,0	356,90	786.831	393,42
60,33	2 3/8	17,78	11,94	3.335,0	340,08	749.738	374,87	3.520,0	358,94	791.327	395,66
62		18,74	12,59	3.477,0	354,56	781.661	390,83	3.705,0	377,80	832.917	416,46
63,50	2 1/2	19,66	13,21	3.652,0	372,40	821.002	410,50	3.870,0	394,63	870.010	435,01
64		20,20	13,57	3.750,0	382,39	843.033	421,52	4.018,0	409,72	903.282	451,64
66		21,19	14,24	3.900,0	397,69	876.755	438,38	4.135,0	421,65	929.585	464,79
66,68	2 5/8	21,34	14,34	3.910,0	398,71	879.003	439,50	4.150,0	423,18	932.957	466,48
68		22,26	14,96	4.100,0	418,08	921.716	460,86	4.354,0	443,98	978.818	489,41
70	2 3/4	23,78	15,98	4.322,0	440,72	971.624	485,81	4.646,0	473,76	1.044.462	522,23

Special constructions and diameters available - please contact us directly.