

NAVIGATION

// ROTATION-RESISTANT

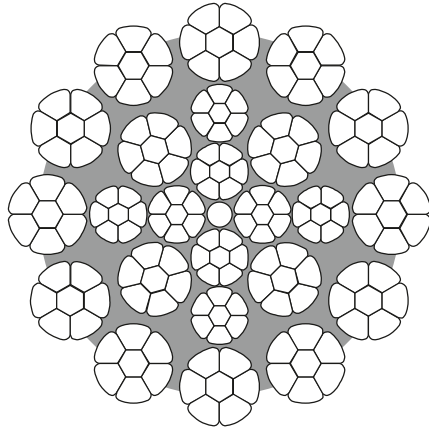
NR Maxipact (Option PPI)
NR15 Maxilift (Option PPI)
Towerlift 15 (Option PPI)

LT 24 K (Option PPI)

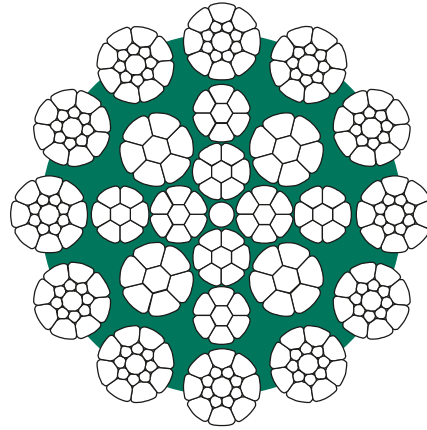
LT 24 C
LT 18

// NON-ROTATION-RESISTANT

OLIVEIRA LT 24 K



OLIVEIRA LT 24 K PPI



PROPERTIES



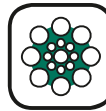
Compacted



Lubricated



Swivel



PPI



Compacted



Lubricated



Swivel

APPLICATIONS

Recommended for intensive use and severe hoist applications where rotation resistance property is required like e.g. tower cranes. For lifting applications with not less than 2 falls.

Marine and offshore cranes when rotation resistance is required. For lifting applications with not less than 2 falls.

OVERVIEW

Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
7,2 - 20	24xK7	12	169	84	0,683	0,840
21 - 48	24xK17	12	289	204	0,694	(1960 N/mm ²)

- Tolerance on diameter: (EN: +0%; +5%)
- 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 \geq 13mm
- Available in Lang's lay
- Available in right hand and left hand

nominal diameter	metallic area	weight	calculated aggregate breaking force		minimum breaking force	
			1960 N/mm ²		1960 N/mm ²	
			kN	t [metric]	kN	t [metric]
mm	mm ²	kg/m				
7,2	26,6	0,229	52,2	5,32	43,7	4,46
8	32,3	0,280	63,4	6,47	55,1	5,62
9	41,1	0,356	80,6	8,21	69,6	7,10
10	53,5	0,464	105	10,7	88,2	8,99
11	64,8	0,560	127	13,0	108	11,0
12	77,5	0,669	152	15,5	128	13,1
12,7	86,3	0,748	169	17,2	142	14,5
13	89,6	0,779	176	17,9	149	15,2
14	104	0,907	205	20,9	174	17,8
15	121	1,054	237	24,1	198	20,2
16	139	1,204	272	27,7	230	23,4
17	154	1,336	302	30,8	256	26,1
18	173	1,508	340	34,7	294	30,0
19	195	1,694	382	39,0	324	33,0
20	217	1,883	425	43,3	354	36,1
21	241	2,100	473	48,2	402	40,99
22	263	2,284	515	52,5	433	44,12
24	317	2,751	622	63,4	526	53,66
26	370	3,203	724	73,9	610	62,20
28	427	3,713	837	85,3	706	72,0
30	490,1	4,243	961	97,9	808	82,4
32	551,2	4,801	1080	110	935	95,3
34	629,5	5,478	1234	126	1047	107
35	665	5,783	1303	133	1109	113
36	705	6,133	1381	141	1165	119
38	779	6,778	1528	156	1295	132
40	879	7,643	1722	176	1429	146
41	921	8,038	1805	184	1498	153
42	967	8,367	1895	193	1573	160
44	1053	9,173	2065	211	1714	175
46	1144	9,951	2243	229	1862	190
48	1263	10,94	2475	252	2055	210

Special constructions and diameters available - please contact us directly.