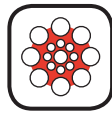


High  
breaking force

## PROPERTIES



Plast rope



Compacted



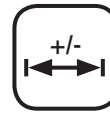
Parallel  
Construction



Lubricated



No Swivel



Tolerance

## APPLICATIONS

Very high bending fatigue performance and high minimum breaking load. Mainly overhead and industrial cranes where rotation resistant ropes are not required.

## OVERVIEW

RCN	Diameter range [mm]	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average weight factor	Average spin factor *N/mm <sup>2</sup>
11	10–56	10	366	260	0,700	0,87	0,87 (1960)* 0,85 (2160)*

- Temperature range of use: –50°C to +115°C
- Suitable for multi-layer spooling in Lang's lay
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized

nominal diameter	metallic area	weight	calculated aggregate breaking force				minimum breaking force			
			1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
mm	mm <sup>2</sup>	kg/m	kN	t [metric]	kN	t [metric]	kN	t [metric]	kN	t [metric]
10	55,7	0,48	108	11,01	119	12,13	94	9,59	103	10,51
11	68,5	0,60	133	13,56	147	14,99	116	11,83	125	12,75
12	80,2	0,70	156	15,91	172	17,54	136	13,87	148	15,09
13	94,6	0,82	184	18,76	203	20,70	160	16,32	175	17,84
14	108,3	0,94	211	21,52	232	23,66	183	18,66	198	20,19
15	124,7	1,08	243	24,78	268	27,33	211	21,52	230	23,45
16	139,9	1,22	273	27,84	301	30,69	237	24,17	259	26,41
17	159,2	1,38	310	31,61	342	34,87	270	27,53	291	29,67
18	177,4	1,54	346	35,28	381	38,85	301	30,69	328	33,45
19	202,6	1,76	395	40,28	436	44,46	344	35,08	375	38,24
20	222,0	1,93	433	44,15	477	48,64	377	38,44	406	41,40
21	242,9	2,11	474	48,34	522	53,23	412	42,01	449	45,79
22	274,1	2,39	535	54,56	589	60,06	465	47,42	507	51,70
23	298,9	2,60	583	59,45	643	65,57	507	51,70	546	55,68
24	325,8	2,83	635	64,75	701	71,48	553	56,39	602	61,39
25	350,0	3,05	683	69,65	753	76,79	594	60,57	647	65,98
26	380,0	3,31	741	75,56	817	83,31	645	65,77	695	70,87
27	407,5	3,55	795	81,07	876	89,33	692	70,57	754	76,89
28	445,9	3,88	870	88,72	959	97,79	757	77,19	825	84,13
29	476,3	4,14	929	94,73	1024	104,42	808	82,39	871	88,82
30	498,9	4,34	974	99,32	1073	109,42	847	86,37	923	94,12
31	537,6	4,68	1049	106,97	1156	117,88	913	93,10	994	101,36
32	578,2	5,03	1128	115,03	1244	126,85	982	100,14	1057	107,79
33	610,5	5,31	1191	121,45	1313	133,89	1036	105,64	1129	115,13
34	651,5	5,67	1271	129,61	1401	142,86	1106	112,78	1205	122,88
36	727,5	6,33	1420	144,80	1565	159,59	1235	125,94	1330	135,62
38	806,5	7,02	1574	160,50	1735	176,92	1369	139,60	1492	152,14
40	891,5	7,76	1740	177,43	1918	195,58	1496	152,55	1621	165,30
42	985,5	8,57	1924	196,20	2120	216,18	1654	168,66	1792	182,74
44	1084,6	9,44	2117	215,88	2333	237,90	1820	185,59	1972	201,09
46	1182,5	10,29	2308	235,35	2544	259,42	1985	202,42	2150	219,24
48	1296,1	11,28	2530	257,99	2789	284,40	2176	221,90	2356	240,25
50	1400,3	12,18	2733	278,69	3013	307,24	2350	239,64	2546	259,62
52	1493,8	13,00	2916	297,35	3214	327,74	2508	255,75	2716	276,96
54	1631,8	14,20	3185	324,78	3511	358,03	2793	284,81	2967	302,55
56	1745,8	15,19	3408	347,52	3756	383,01	2931	298,88	3174	323,66

Special constructions and diameters available - please contact us directly.