



PROPERTIES



Lubricated



No Swivel



Tolerance

APPLICATIONS

Technolift has an excellent service life due to its optimal strand-to-strand contact conditions inside. Hoist rope for overhead cranes, preferably ladle cranes with great rope lengths working in high temperature areas.

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
06	20–60	8	319	152	0,624	0,88	0,81

- Temperature range of use: –50°C to +140°C
- Only available in ordinary 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	
			1770 N/mm ²		1770 N/mm ²	
mm	mm ²	kg/m	kN	t [metric]	kN	t [metric]
20	196,0	1,73	346,9	35,38	277,5	28,30
21	216,1	1,90	382,5	39,00	306,0	31,20
22	237,2	2,09	419,8	42,80	335,8	34,24
23	259,2	2,28	458,8	46,78	367,0	37,43
24	282,2	2,48	499,6	50,94	399,7	40,75
25	306,3	2,70	542,1	55,27	433,7	44,22
26	331,2	2,92	586,3	59,79	469,0	47,83
27	356,6	3,14	631,2	64,36	504,9	51,49
28	381,7	3,36	675,6	68,89	540,5	55,11
29	414,8	3,65	734,2	74,87	587,4	59,89
30	441,7	3,89	781,9	79,73	630,3	64,09
31	471,3	4,15	834,1	85,06	675,0	68,64
32	498,5	4,39	882,3	89,97	714,8	72,69
33	529,8	4,66	937,8	95,63	761,8	77,47
34	561,8	4,94	994,4	101,40	822,9	83,69
36	634,0	5,58	1122,2	114,43	924,4	94,01
38	713,1	6,28	1262,1	128,70	1052,1	107,00
40	789,6	6,95	1397,6	142,51	1161,6	118,12
42	868,4	7,64	1537,1	156,74	1276,9	129,86
44	951,5	8,37	1684,1	171,73	1408,0	143,19
46	1044,5	9,19	1848,7	188,52	1533,7	155,97
48	1136,0	10,00	2010,7	205,03	1669,5	169,78
50	1223,7	10,77	2165,9	220,86	1793,6	182,40
52	1325,0	11,66	2345,2	239,14	1871,4	190,32
54	1428,8	12,57	2529,0	257,89	2023,0	205,72
56	1536,6	13,52	2719,9	277,35	2192,5	222,96
58	1648,4	14,51	2917,6	297,51	2350,7	239,05
60	1764,0	15,52	3122,3	318,38	2520,1	256,28

Special constructions and diameters available - please contact us directly.