

PROPERTIES



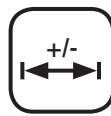
Compacted



Lubricated



No Swivel



Tolerance

APPLICATIONS

Technolift plus has a very high breaking strength and good resistance against drum crushing. 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
11	28–40	8	409	248	0,730	0,82	0,84

- Temperature range of use: -50°C to $+140^{\circ}\text{C}$
- 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									
			1770 N/mm ²		1960 N/mm ²		2160 N/mm ²		1770 N/mm ²		1960 N/mm ²		2160 N/mm ²					
			kN	t [metric]	kN	t [metric]	kN	t [metric]	kN	t [metric]	kN	t [metric]	kN	t [metric]				
mm	mm ²	kg/m																
28	449,9	3,78	796,4	81,18	881,8	89,89	971,8	99,06	668,8	68,18	741,0	75,54	816,2	83,20				
30	516,2	4,22	913,7	93,14	1011,8	103,13	1115,0	113,66	767,8	78,27	850,2	86,67	937,0	95,51				
32	587,3	4,93	1039,5	105,97	1151,1	117,34	1268,6	129,31	873,6	89,05	967,3	98,60	1066,0	108,66				
34	663,0	5,36	1173,5	119,62	1299,5	132,46	1432,1	145,98	986,2	100,53	1092,0	111,31	1203,5	122,68				
36	743,3	6,05	1315,6	134,11	1456,9	148,51	1605,5	163,66	1105,6	112,70	1224,3	124,80	1349,3	137,54				
38	828,2	6,81	1465,9	149,43	1623,3	165,47	1788,9	182,36	1231,9	125,58	1364,1	139,05	1503,3	153,24				
40	917,7	7,54	1624,3	165,58	1798,7	183,35	1982,2	202,06	1365,0	139,14	1511,5	154,08	1665,7	169,80				

Special constructions and diameters available - please contact us directly.