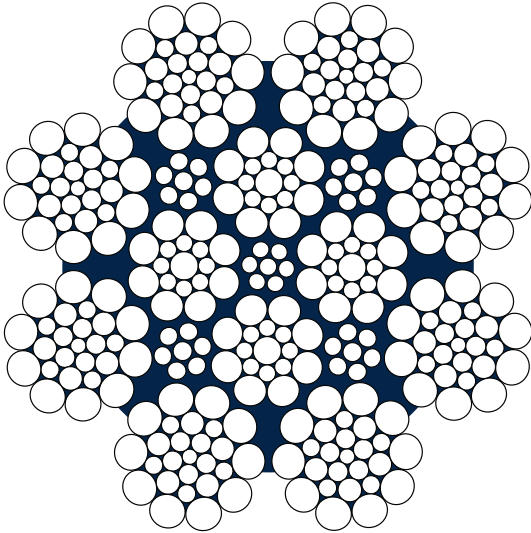


CASAR ALPHALIFT



PROPERTIES



No swivel



Lubricated



Tolerance



Parallel

Construction

APPLICATIONS

Very flexible construction with a high breaking load. Hoist rope for electrical hoist and other lifting devices, where rotation resistant ropes are not required.

OVERVIEW

Diameter Range [mm]	4-5	5.5-6.5	7-9.53	10-27
RCN	02	07	07	06
Number of Outer Strands	8	8	8	8
Number of Wires	99	211	271	255
Number of Outer Load Bearing Wires	56	168	168	152
Average Fill Factor	0.655			
Average Nominal Metallic Area Factor C	0.514			
Average Spin Factor	0.86			

- Temperature range of use: -50°C to +140°C
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized

Nominal Diameter	Weight	Minimum Breaking Force			
		1960 N/mm ²		2160 N/mm ²	
mm	kg/m	kN	t [metric]	kN	t [metric]
4	0.07	13.0	1.33	14.3	1.46
5	0.11	21.1	2.15	23.2	2.37
6	0.16	31.5	3.21	34.7	3.54
7	0.21	42.6	4.34	47.0	4.79
8	0.28	55.0	5.61	60.6	6.18
9	0.36	72.0	7.34	79.3	8.09
10	0.45	87.3	8.90	92.5	9.43
11	0.55	107.2	10.93	117.0	11.93
12	0.64	126.3	12.88	137.8	14.05
13	0.75	146.6	14.95	159.9	16.31
14	0.86	168.7	17.20	184.1	18.77
15	1.01	197.0	20.09	214.9	21.92
16	1.14	222.5	22.69	242.8	24.75
17	1.28	250.3	25.52	273.1	27.85
18	1.44	282.8	28.84	308.5	31.46
19	1.63	319.9	32.62	349.0	35.59
20	1.80	352.0	35.89	384.0	39.16
21	2.00	391.6	39.93	427.2	43.57
22	2.20	430.2	43.87	469.4	47.86
23	2.39	467.4	47.66	509.9	52.00
24	2.58	504.7	51.47	550.6	56.15
25	2.78	545.3	55.61	594.9	60.67
26	3.00	588.8	60.04	642.4	65.51
27	3.24	635.5	64.80	693.3	70.70