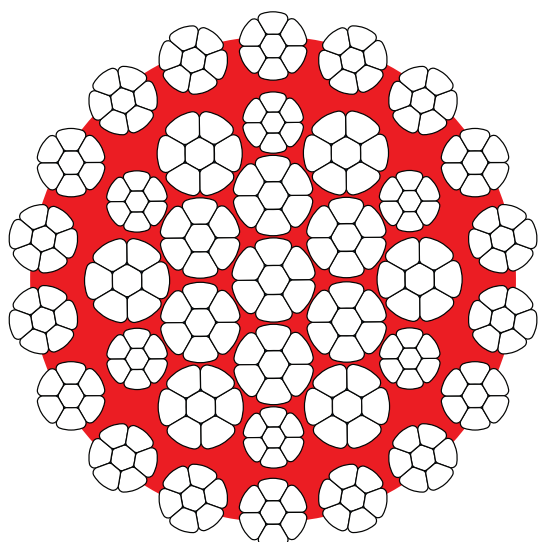
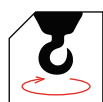


CASAR POWERPLAST



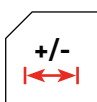
PROPERTIES



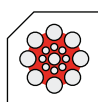
Swivel



Lubricated



Tolerance



Plast rope



COMPACT

APPLICATIONS

Has a high breaking load and a good resistance against drum crushing. Hoist rope for deck cranes and offshore cranes, pull-in-riser and other applications in the marine environment, where rotation resistant-ropes are required.

OVERVIEW

Diameter Range [mm]	12 – 56	57,15 – 72
RCN	23–3	28
Number of Outer Strands	18	18
Number of Wires	259	593
Number of Outer Load Bearing Wires	126	270
Average Fill Factor	0.727	
Average Nominal Metallic Area Factor C	0.571	
Average Spin Factor	*N/mm ²	0.81 0.84 (1960)* / 0.81 (2160)*

- Temperature range of use: -50°C to +115°C
- Suitable for multilayer spooling in Lang's lay
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Only available in galvanized execution

Minimum Breaking Force

Nominal Diameter	Weight	Minimum Breaking Force			
		1960 N/mm ²		2160 N/mm ²	
mm	kg/m	kN	t [metric]	kN	t [metric]
12	0.72	130.8	13.34	142.6	14.54
13	0.86	152.7	15.57	169.4	17.28
14	0.98	179.1	18.26	194.7	19.85
15	1.12	204.0	20.80	222.4	22.68
16	1.29	230.6	23.51	256.2	26.13
17	1.45	260.7	26.58	286.2	29.18
18	1.64	293.9	29.97	325.4	33.18
19	1.82	329.0	33.55	361.1	36.83
20	2.00	362.2	36.93	396.9	40.47
21	2.22	400.0	40.79	439.0	44.77
22	2.43	441.4	45.01	481.4	49.09
23	2.65	477.6	48.70	524.4	53.48
24	2.87	524.3	53.46	568.7	57.99
25	3.15	567.9	57.91	624.5	63.68
26	3.43	614.9	62.70	678.3	69.17
27	3.68	663.5	67.66	728.4	74.27
28	3.93	712.9	72.70	778.4	79.37
29	4.24	765.4	78.05	840.4	85.70
30	4.53	817.4	83.35	896.5	91.42
31	4.88	879.9	89.73	965.9	98.50
32	5.15	930.0	94.83	1,019.4	103.95
33	5.49	991.2	101.08	1,088.1	110.96
34	5.78	1,045.0	106.56	1,144.9	116.75
36	6.50	1,185.0	120.84	1,287.3	131.27
38	7.27	1,319.0	134.50	1,440.3	146.87
40	8.15	1,462.0	149.08	1,615.0	164.68
42	8.92	1,611.2	164.30	1,766.3	180.11
44	9.75	1,767.0	180.19	1,930.4	196.85
46	10.74	1,935.0	197.32	2,127.4	216.94
48	11.65	2,113.3	215.50	2,307.1	235.26
50	12.56	2,292.0	233.72	2,487.3	253.64
52	13.75	2,436.0	248.41	2,724.2	277.79
54	14.63	2,632.0	268.39	2,896.9	295.40
56	15.82	2,854.3	291.06	3,133.6	319.54
58	17.06	3,077.9	313.86	3,379.0	344.56
60	18.25	3,292.8	335.78	3,615.0	368.63