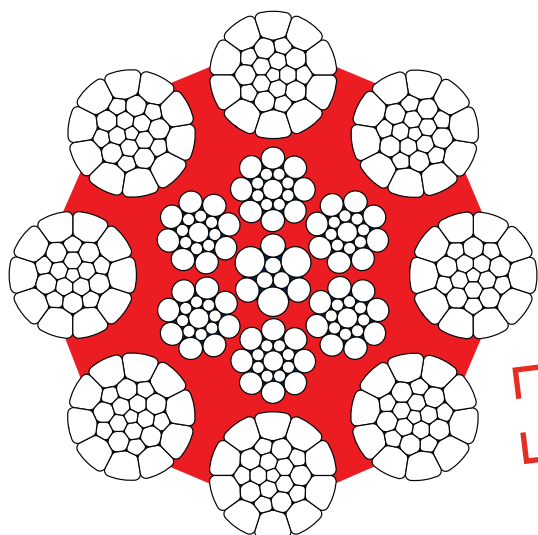
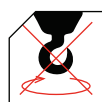


# CASAR TURBOPLAST



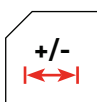
## PROPERTIES



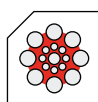
No swivel



Lubricated



Tolerance



Plast rope



Compacted

## APPLICATIONS

High breaking load and good resistance against crushing. Hoisting rope in multiple part reeving for smaller lifting heights as well as for twin hoist systems with left and right hand lay ropes for greater lifting heights.

## OVERVIEW

Diameter Range [mm]	8	9 – 24	25 – 48	50 – 72
RCN	09	09	09	11
Number of Outer Strands	8	8	8	8
Number of Wires	259	319	327	367
Number of Outer Load Bearing Wires	208	208	208	248
Average Fill Factor	0.664			
Average Nominal Metallic Area Factor C	0.522			
Average Spin Factor	*N/mm <sup>2</sup> 0.89 [1770]* / 0.88 [1960]* / 0.86 [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

## Minimum Breaking Force

Nominal Diameter	Weight	Minimum Breaking Force			
		1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
mm	kg/m	kN	t [metric]	kN	t [metric]
v	0.30	58.0	5.91	63.5	6.48
9	0.37	74.0	7.55	81.4	8.30
10	0.47	90.0	9.18	101.0	10.30
11	0.57	109.7	11.19	122.6	12.51
12	0.67	130.0	13.26	144.0	14.68
13	0.79	153.0	15.60	170.0	17.34
14	0.91	177.0	18.05	196.0	19.99
15	1.05	205.0	20.90	226.0	23.05
16	1.20	232.0	23.66	252.0	25.70
17	1.35	259.0	26.41	283.0	28.86
18	1.50	292.0	29.78	314.0	32.02
19	1.67	327.0	33.35	351.0	35.79
20	1.87	361.0	36.81	391.0	39.87
21	2.01	394.0	40.18	421.0	42.93
22	2.24	439.0	44.77	468.0	47.72
23	2.44	478.0	48.74	511.0	52.11
24	2.66	521.0	53.13	556.0	56.70
25	2.88	566.0	57.72	602.0	61.39
26	3.13	616.0	62.82	655.0	66.79
27	3.37	657.0	67.00	702.0	71.58
28	3.59	707.0	72.09	748.0	76.28
29	3.87	760.0	77.50	807.2	82.31
30	4.18	813.0	82.90	871.5	88.87
31	4.46	869.0	88.61	929.8	94.82
32	4.73	938.0	95.65	988.1	100.76
33	5.07	979.0	99.83	1,059.3	108.02
34	5.33	1,055.0	107.58	1,114.2	113.62
36	5.95	1,164.0	118.70	1,242.0	126.65
38	6.68	1,301.0	132.67	1,394.7	142.22
40	7.43	1,438.0	146.64	1,551.7	158.23
42	8.11	1,591.0	162.24	1,694.1	172.75
44	8.96	1,739.0	177.33	1,872.5	190.94
46	9.78	1,916.0	195.38	2,042.3	208.26
48	10.65	2,079.0	212.00	2,225.0	226.89
50	11.56	2,265.0	230.97	2,423.0	247.08
52	12.50	2,448.0	249.63	2,620.0	267.17
54	13.48	2,641.0	269.31	2,826.0	288.17
56	14.44	2,828.0	288.38	3,027.0	308.67
58	15.42	3,022.0	308.16	3,234.0	329.78
60	16.55	3,242.0	330.60	3,469.0	353.74