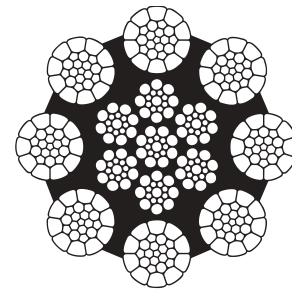


## Casar Starlift Plus Wire Rope

Nominal rope diameter		Approx. weight per foot	Minimum breaking strength	
			1960 N/mm	1960 N/mm
inch	mm	lbs / foot	metric t	tons of 2000 lbs
3/8		0.291	8.37	9.22
	10	0.322	9.14	10.07
7/16	11	0.390	11.09	12.22
	12	0.479	13.34	14.70
1/2	13	0.518	14.87	16.39
	14	0.548	15.57	17.16
9/16	15	0.631	18.26	20.12
	16	0.656	18.82	20.74
5/8	17	0.732	20.80	22.92
	18	0.827	23.51	25.91
3/4	19	0.931	26.30	28.98
	20	1.038	29.97	33.03
7/8	21	1.150	33.55	36.97
	22	1.280	36.93	40.70
1	23	1.406	40.39	44.51
	24	1.532	45.01	49.60
	25	1.586	45.55	50.19
	26	1.683	48.11	53.02
	27	1.830	53.46	58.91
	28	1.982	57.91	63.82
	29	2.072	59.49	65.56
	30	2.173	62.70	69.10
	31	2.332	66.71	73.51
	32	2.503	72.70	80.12



## Casar Turboplast Wire Rope

Nominal rope diameter		Approx. weight per foot	Minimum breaking strength	
			1770 N/mm <sup>2</sup>	1960 N/mm <sup>2</sup>
inch	mm	lbs / foot	metric t	tons of 2000 lbs
5/16	8	0.191	5.65	6.22
	8.5	0.220	6.50	7.16
	9	0.245	7.24	7.97
3/8	10	0.273	8.08	8.89
	11	0.299	8.86	9.76
7/16	12	0.369	10.93	12.03
	13	0.434	12.86	14.15
1/2	14	0.489	14.47	15.93
	15	0.505	14.95	16.46
9/16	16	0.591	17.51	19.28
	17	0.614	18.18	20.02
5/8	18	0.676	20.02	22.04
	19	0.760	22.49	24.77
3/4	20	0.879	26.01	28.64
	21	0.983	29.09	32.03
7/8	22	1.094	32.38	35.65
	23	1.212	35.87	39.49
1	24	1.327	39.29	43.26
	25	1.461	43.26	47.63
	26	1.488	44.04	48.49
	27	1.587	46.99	51.74
	28	1.720	50.92	56.06
	29	1.880	55.65	61.27
1 1/8	30	1.947	57.63	63.45
	31	2.057	60.89	67.04
1 1/4	32	2.207	65.35	71.95
	33	2.360	69.86	76.91
1 3/8	34	2.459	72.80	80.15
	35	2.706	80.11	88.20
1 1/2	36	2.877	85.19	93.79
	37	3.043	90.09	99.18
	38	3.319	98.25	108.18
	39	3.505	103.76	114.24
	40	3.706	109.71	120.79
	41	3.933	116.44	128.20
	42	4.355	128.92	141.94

- Casar Starlift Plus consists of 35 strands. Because of the great number of strands Casar Starlift Plus is very flexible.
- The round rope surface and the compacted outer strands make Casar Starlift Plus very resistant against drum crushing.
- 19 strands in the IWRC counteract the torque of the 16 outer strands, making Casar Starlift Plus extremely rotation resistant.
- The equal load distribution between inner and outer strands coupled with the round IWRC greatly reduces the danger of internal wire breaks.
- Casar Starlift Plus has a high breaking strength which is not reduced when the rope is used with a swivel.

- is an 8-strand rope made out of compacted outer strands.
- is fully lubricated.
- has a plastic layer between the steel core and the outer strands, giving the rope a high structural stability, avoiding internal rope destruction and protecting the core against corrosive environment.
- has a very high breaking load and a good resistance against drum crushing.