

Southern Ropes Nylon / Polyamide Rope



Nylon rope in 3-, 8- and 12-strand constructions for applications requiring elasticity and energy absorption. Choose construction, diameter and length together; the listed breaking load is not a working load limit.

Elastic recovery | Energy absorption | Spliceable | 220 m manufacturer reference reel

Manufacturer illustration; colour and supplied configuration are confirmed at quotation.



3-Strand

Breaking load is not a working load limit (WLL). An appropriate safety factor and application-specific technical review are required. No WLL is derived from this table.

Diameter (mm)	Mass per reel (kg)	Breaking load (kg)*
6	5.2	750
8	9.3	1,350
10	14.3	2,080
12	20.6	3,000
14	28	4,100
16	36.5	5,300
18	46	6,700
20	57	8,300
22	69	10,000
24	82	12,000
26	97	13,900
28	112	15,800
30	129	17,900
32	146	20,000
36	184	24,800
38	206	27,400
40	228	30,000
42	252	33,075
44	276	36,300
46	302	39,670

Manufacturer reference reel length: 220 m. Reel mass applies to this construction and this reference length; do not use it for a different cut length or construction.

* Breaking load: source unit kg, reproduced without conversion to kgf, kN or WLL.

See the final page for quotation inputs and source/compliance notes.

Nylon / Polyamide Rope



8-Strand

Breaking load is not a working load limit (WLL). An appropriate safety factor and application-specific technical review are required. No WLL is derived from this table.

Diameter (mm)	Mass per reel (kg)	Breaking load (kg)*
12	20.6	3,000
14	28	4,100
16	36.5	5,300
18	46	6,700
20	57	8,300
22	69	10,000
24	82	12,000
26	97	13,900
28	112	15,800
30	129	17,900
32	146	20,000
36	184	24,800
38	206	27,400
40	228	30,000
44	276	35,800
48	330	42,000
50	357	45,400
56	448	56,000
60	512	63,800
64	582	72,000
68	660	81,000
72	738	90,000
76	825	100,000
80	915	110,000
82	961	115,000
84	1,006	120,500
88	1,104	131,000
92	1,210	145,000
96	1,320	151,000
100	1,430	163,800

Manufacturer reference reel length: 220 m. Reel mass applies to this construction and this reference length; do not use it for a different cut length or construction.

* Breaking load: source unit kg, reproduced without conversion to kgf, kN or WLL.

See the final page for quotation inputs and source/compliance notes.

Nylon / Polyamide Rope



12-Strand

Breaking load is not a working load limit (WLL). An appropriate safety factor and application-specific technical review are required. No WLL is derived from this table.

Diameter (mm)	Mass per reel (kg)	Breaking load (kg)*
8	9.24	1,485
10	14.3	2,288
12	20.68	3,300
14	27.94	4,510
16	36.52	5,830
18	45.98	7,370
20	56.98	9,130
22	69.08	11,000
24	82.06	13,200
26	97.02	15,290
28	111.98	17,380
30	128.92	19,690
32	146.08	22,000
36	183.92	27,280
38	205.92	30,140
40	227.92	33,000
44	276.1	39,380
48	330	46,200
50	357.06	49,940
56	447.92	63,200
60	514.14	72,000
64	585.42	79,800
68	661.76	95,400
72	743.38	105,700
80	914.1	125,600
88	1,106.38	154,500
96	1,316.92	182,200
104	1,543.74	213,100
112	1,793.22	237,600
120	2,056.78	281,300
128	2,339.48	327,300
142	2,879.36	381,500
152	3,299.34	426,200
158	3,564.88	452,800
168	4,030.4	510,400

Manufacturer reference reel length: 220 m. Reel mass applies to this construction and this reference length; do not use it for a different cut length or construction.

* Breaking load: source unit kg, reproduced without conversion to kgf, kN or WLL.

Selection and quotation

For a quotation, specify construction or braid form, diameter, required length, quantity, colour, end treatment, application and relevant loads or environmental conditions. Confirm the supplied pack/reel length and documentation with Engineering Supplies.

Manufacturer data sheet lists ISO 1140, SANS 943. No independent product certification is asserted.

Technical basis: Southern Ropes manufacturer product data sheet, September 2026. Figures retain the manufacturer's original units; specifications may change. Source reference: southernropes.com/pages/product-data-sheets.