

Southern Ropes Polysteel Rope



Copolymer rope with manufacturer data for 3-, 4-, 8- and 12-strand constructions. Select the construction and diameter from its own table. Reel mass and breaking load are construction-specific.

Floating rope | UV resistance stated by manufacturer | Abrasion-resistant construction | 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	4	770
8	7	1,360
10	10	2,035
12	14.5	2,900
14	20	3,905
16	25.5	4,910
18	33	6,300
20	40	7,600
22	49	8,900
24	57	10,490
26	68	12,320
28	78	13,900
30	90	16,000
32	101	17,500
36	130	22,080
38	144	24,350
40	158	26,860
42	176	29,613
44	193	31,780
46	211	34,734

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.

Polysteel Rope

4-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)*
10	10	2,035
12	14.5	2,900
14	20	3,905
16	25.5	4,910
18	33	6,300
20	40	7,600
22	49	8,900
24	57	10,490
26	68	12,320

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.

Polysteel 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)*
32	101	17,500
36	130	22,080
38	144	24,350
40	158	26,860
44	194	31,780
48	230	37,180
50	248	40,000
56	312	49,380
60	360	56,680
64	407	64,100
68	460	72,062
72	515	80,225
76	577	88,000
80	640	99,050
82	672	102,000
84	705	106,000
88	774	112,000
92	846	122,415
96	921	133,200
100	999	144,600

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.

Polysteel 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)*
18	33	6,300
20	40	7,600
22	49	8,900
24	57	10,490
26	68	12,320
28	78	13,900
30	90	16,000
32	101	17,500
36	130	22,080
38	144	24,350
40	158	26,860
44	194	31,780
48	230	37,180
50	248	40,000
56	312	49,380
60	360	56,680

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 1346:2012, ISO 9554:2010. 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.