

## Polypropylene Rope

Polypropylene Rope is a buoyant line most popular for its buoyancy in seawater, economy and ease of handling . This rope is mostly used for berthing and mooring applications.



### 3 Strand Construction

Dia (mm)	Weight (kg/100m)	Breaking Strength	
		kg	kN
4	0.6	200	2.1
5	1.2	420	4.1
6	1.7	600	5.9
7	2.3	820	8
8	3	1,100	10.4
9	3.7	1,300	12.4
10	4.5	1,600	15.3
11	5.5	1,900	18.2
12	6.5	2,200	21.7
13	7.8	2,600	25.8
14	9	3,000	29.9
16	11.5	3,800	37
18	14.8	4,800	47.2
19	16.2	5,200	51.4
20	18	5,800	56.9
22	22	7,000	68.2
24	26	8,100	79.7
25	28.2	8,700	85.3
26	30.5	9,400	92.2
28	35.5	10,700	104.9
30	40.5	12,200	119.8
32	46	13,500	132.3
34	52.2	15,100	148
36	58.5	16,900	165.9
38	65	18,500	181.4
40	72	20,500	201
42	80.1	22,400	220
44	88	24,600	241.5
45	91.4	25,100	246.4
48	104	28,600	280.4
50	112.8	30,500	300
52	122	33,000	324.5
55	137	36,500	357.9
56	142	37,800	371
60	163	43,200	424.2
64	185	48,900	480
65	191	50,400	491.2
70	221.2	58,000	569.7
72	234	61,400	602.7
75	254.9	66,400	651.5
80	290	75,600	741.3
85	327.5	84,600	830
88	351	90,700	889.5
90	367	94,000	922.6
95	408.4	104,800	1028
96	417	107,000	1050
100	452.5	116,100	1139

### 8 Strand Construction

Dia (mm)	Weight (kg/100m)	Breaking Strength	
		kg	kN
40	72	28,500	279.5
44	88	34,000	333.40
48	104	39,800	390.40
52	122	46,000	451.10
56	142	53,000	519.80
60	163	60,600	594.30
64	185	68,500	671.8
72	234	86,000	843.40
80	290	106,000	1039.5
88	351	128,000	1255.3
96	417	150,000	1471
104	490	175,000	1716.2
112	570	204,000	2000

### Technical Information

Specific Gravity:	<b>0.91</b>
Floats/Sinks:	<b>Floats</b>
Melts at:	<b>165°C</b>
Stretch:	<b>low elongation</b>
Chemical resistance:	<b>Resistant to most acids, alkalis and oils. Not affected by water.</b>

