

Nylon

Diameter	Weight	Tensile strength
Φmm	kg/200m	kN
3	1.24	2.16
4	1.94	3.73
5	3.00	5.69
6	4.51	8.04
7	5.94	10.6
8	7.76	13.6
9	9.80	17.1
10	12.1	20.6
11	14.7	24.7
12	17.7	28.9
14	24.1	38.6
16	31.0	49.5
18	39.2	61.7
20	48.5	75.0
22	58.5	89.5
24	69.9	105
26	81.6	123
28	95.9	140
30	109	160
32	124	179
34	140	201
36	149	213
38	157	224
40	175	248
42	194	273
44	214	298
45	245	339
50	303	413
55	367	493
60	439	580
65	522	672
70	601	772
75	693	878
80	788	990
85	876	1,140
90	983	1,240
95	1,095	1,360
100	1,213	1,500

Diameter	Weight	Tensile strength
Ømm	kg/200m	kN
3	0.92	1.77
4	1.64	3.14
5	2.57	4.71
6	3.70	6.57
7	5.03	8.73
8	6.57	11.2
9	8.32	13.8
10	10.3	16.9
11	12.4	20.1
12	14.8	23.7
14	20.1	31.3
16	26.3	40.1
18	33.3	49.8
20	41.1	60.4
22	49.7	72.0
24	59.2	84.5
26	69.4	98.0
28	80.5	112
30	92.4	127
32	105	143
34	119	160
36	126	169
38	133	178
40	148	196
42	164	216
44	181	236
45	208	269
50	257	326
55	311	388
60	370	456
65	434	529
70	503	606
75	578	687
80	657	775
85	742	866
90	832	962
95	927	1,060
100	1,027	1,170

Marine tough

Diameter	Weight	Tesnile strength
Φmm	kg/200m	kN
10	10.2	15.3
11	11.9	18.1
12	14.5	21.7
14	20.2	28.8
16	26.1	36.1
18	32.0	45.7
20	40.5	54.0
22	48.9	67.3
24	57.3	78.1
26	66.5	90.1
28	77.1	102
30	88.5	119
32	101	132
34	113	149
35	120	157
36	127	165
38	141	181
40	157	201
42	174	223
45	199	249
50	245	306
55	297	361
60	354	427
65	415	492
70	482	565
75	553	642
80	629	727
85	710	817
90	796	901
95	887	1,000
100	983	1,098

Tough Ace

Diameter	Weight	Tensile strength
Φmm	kg/200m	kN
18	38.8	61.8
20	47.8	75.2
22	57.9	89.8
24	68.9	106
26	80.8	123
28	93.8	141
30	108	161
32	122	181
34	138	203
36	155	226
38	173	250
40	191	275
45	242	342