

Ropes

Two kinds of ropes are available:

Danline Ropes:

3-Strand, with standard green color, particularly well suited for mooring fish cages and other aquaculture applications. Rope length is 110 or 220m, some smaller-diameter ropes are only available in 110m. This rope's very high strength-to-weight ratio makes it possible to use smaller diameter, and reduce costs, in comparison with conventional mooring ropes. The rope is specially designed for optimal resistance to abrasion and is UV-stabilized to protect it from degradation due to ultra violet-rays.

- Specific gravity: 0,91
- Elongation: 16%
- Melting point: 165°C

Danline ropes Art	First category		Second category	
	Weight (kg/m)	B.S. (kg) (KP/0,9806)	Weight (kg/m)	B.S. (kg) (KP/0,9806)
6 mm	0,017	739		
8 mm	0,023	1274		
10 mm	0,045	1917		
12 mm	0,065	2559		
14 mm	0,089	3518		
16 mm	0,115	4476	0,115	4476
18 mm	0,144	5751	0,143	5751
20 mm	0,181	6006	0,181	7026
22 mm	0,212	8311	0,211	8311
24 mm	0,236	9278	0,252	9902
26 mm	0,282	10805		
28 mm	0,327	12713	0,345	13869
30 mm			0,384	15337
32 mm	0,418	16495	0,445	17570
36 mm	0,491	16940	0,545	21089
40 mm	0,591	23787	0,745	32123
44 mm	0,751	29026	0,877	37528
48 mm	0,864	32897	1,068	44054
52 mm	1,023	40376	1,232	51397
56 mm	1,182	44207	1,459	58943
60 mm			1,655	66489
64 mm			1,882	75158
68 mm			2,145	85151
72 mm			2,401	94839
80 mm			2,951	115439
88 mm			3,573	138588

Nylon ropes:

3-Strand, with natural white color, particularly well suited for mooring fish cages and other aquaculture applications. Rope lengths are 110 and 220m.

- Specific gravity: 1,14
- 26% Stretch at 50% of Breaking Strength.

Diameter (mm)	Weights (kg/220m)	Minimum Breaking Load (kgs)
32	126	20 000
34	143	22 000
36	160	24 900
38	179	27 400
40	198	30 000
42	218	32 900
44	240	35 800
45	250	
48	284	42 000

Nylon ropes and Danline ropes are particularly well suited for mooring fish cages and other aquaculture applications.

