

DELPHIN® LINE

PRODUCT DESCRIPTION

The high strength Delphin® Line monofilaments are produced according to the latest state of art in extrusion technology. This guarantees a superior and safe performance in practice. The ropes are available in 3 - 4 strand constructions. These are used mainly on fishing vessels and inland shipping. Also Delphin® Line 8 strand plaited ropes are increasingly sold as mooring ropes on sea going vessels.

Delphin® Line ropes are floating and do not absorb water, which makes handling very easy. The special nature of the filaments contribute highly to an increased abrasion resistance, thus improving the lifetime and the security.

MAIN CHARACTERISTICS

Specific gravity:	± 0,91
Chemical resistance:	good resistance to acids
Elongation at break:	approximately 16%
Floats:	yes
Resistance to abrasion:	excellent
Flexibility:	remains flexible when wet
Resistance conditions:	same resistance when wet or dry
Water absorption:	do not absorb water
Shrinkage:	do not shrink
Splice conditions:	easy
Snap-back:	low
Lifetime:	much longer lifetime than comparable qualities
Production and Construction:	Based on ISO 10572
Testing method:	ISO 2307

APPLICATIONS

Mooring lines

Fishing lines

Towing lines

Aquaculture

Winch lines

Messenger lines

Pick-up lines



Courtesy Stichting Bureau Voorlichting Binnenvaart

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3 Strands DELPHIN® LINE Ropes

Size Nr.	Diameter mm	Weight kg/100m	MBF kN	MBF Tonf
0,75	6	1,7	6,8	0,69
1	8	3	11,9	1,21
1,25	10	4,5	17,8	1,81
1,5	12	6,6	25,9	2,64
1,75	14	9,1	35,4	3,61
2	16	11,6	44,8	4,57
2,25	18	14,9	57,2	5,83
2,5	20	17,9	68,3	6,96
2,75	22	22	83,3	8,49
3	24	26	98,1	10
3,25	26	30,5	114	11,6
3,5	28	35,5	131	13,4
3,75	30	40,7	150	15,3
4	32	46	168	17,1
4,25	34	51,9	188	19,2
4,5	36	58,5	211	21,5
5	40	72	255	26
5,5	44	88	307	31,3
6	48	104	358	36,5
6,5	52	122	413	42,1
7	56	142	474	48,3
7,5	60	163	535	54,6
8	64	186	598	61

Others sizes available upon request
MBL values are on unspliced condition according to ISO 2307

8 Strands DELPHIN® LINE Ropes

Size Nr.	Diameter mm	Weight kg/100m	MBF kN	MBF Tonf
3,5	28	35,5	143	14,6
3,75	30	40,5	166	16,9
4	32	46	180	18,4
4,5	36	58,5	228	23,2
5	40	72	277	28,2
5,5	44	88	328	33,4
6	48	104	383	39,1
6,5	52	122	445	45,4
7	56	142	509	51,9
7,5	60	163	583	59,5
8	64	185	660	67,3
9	72	234	826	84,2
10	80	290	1010	103
11	88	351	1216	124
12	96	417	1432	146
13	104	490	1638	167
14	112	570	1902	194
15	120	650	2177	222
16	128	740	2461	251
17	136	840	2765	282
18	144	940	3079	314

Others sizes available upon request
MBL values are on unspliced condition according to ISO 2307

LOAD EXTENSION AT BREAK

