



MAGNARO®-Float

PRODUCT PROPERTIES

Material	High Tenacity Polyolefin & High Tenacity Polyester
Construction	8/12-strand
Jacketed	No
Rotating	No
Color of Rope	White with 2 red markers
Specific Gravity	0.99 Floating
Melting Point	165°C
Abrasion Resistance	Very Good
U.V. Resistance	Very Good
Chemical Resistance	Very Good
Dry & Wet Conditions	Identical wet & dry strengths

Dia	Circ.	Weight	MBL (Unspliced)		MBL / LDBF* (Spliced)	
			Ton	kN	Ton	kN
32	4	58.5	22.0	215	19.8	194
36	4 1/2	72.0	28.0	274	25.2	247
40	5	83.6	36.7	360	33.0	324
44	5 1/2	99.1	44.0	431	39.6	388
48	6	118	50.5	495	45.5	446
52	6 1/2	136	58.8	576	52.9	518
56	7	158	67.7	664	60.9	598
60	7 1/2	179	77.5	760	69.8	684
64	8	203	87.0	853	78.3	768
68	8 1/2	228	98.1	961	88.3	865
72	9	255	109	1,068	98.1	961
80	10	313	132	1,294	119	1,165
88	11	376	157	1,536	141	1,382
96	12	447	191	1,872	172	1,685

*LDBF = Line Design Break Force according to MEG4 OCIMF Guidelines.

- Available as mooring rope 200/220m and tails
- Our custom made high tenacity polyester Magnaro® Sleeve is pre-installed on both ends of the ropes, protecting the entire length of the eye against abrasion

FEATURES & BENEFITS

- Mixed or composite rope of Polyolefin and Polyester
- Special marine finish is applied for better wear resistance in the marine environment
- Ideal mooring rope for all types of ships because of its buoyancy, excellent handling properties, high strength and very good abrasion resistance.

APPLICATIONS:

MOORING

- Main Line
- Tail

Elongation at % of MBL :

MBL	New	Used
25%	9.0%	5.5%
50%	13.0%	8.0%
100%	18.0%	12.0%