



MAGNARO® - RRR Reduced Recoil Rope



PRODUCT PROPERTIES

Material	High Tenacity Polyolefin & High Tenacity Polyester
Construction	12-strand
Jacketed	No
Rotating	No
Color of Rope	White with 3 red markers
Specific Gravity	0.99 Floating
Melting Point	165°C / 260°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
40	5	89.1	36.7	360	33.0	324
42	5 1/4	97.6	40.5	397	36.4	356
44	5 1/2	105	44.0	431	39.6	388
46	5 3/4	114	48.1	471	43.2	423
48	6	124	50.5	495	45.4	446
50	6 1/4	135	54.9	538	49.3	483
52	6 1/2	143	58.8	576	52.9	518
54	6 3/4	153	63.4	622	57.0	558
56	7	165	67.7	663	60.9	598
58	7 1/4	176	72.7	712	65.3	640
60	7 1/2	186	77.5	760	69.7	684
62	7 3/4	204	82.8	812	74.4	729
64	8	216	87.0	853	78.3	768
66	8 1/4	229	92.6	907	83.2	815
68	8 1/2	241	98.1	961	88.2	865
70	8 3/4	255	104	1,020	93.5	916
72	9	268	109	1,068	98.1	961
76	9 1/2	297	122	1,192	109	1,071
80	10	326	132	1,294	119	1,165
84	10 1/2	362	146	1,428	131	1,283
88	11	393	157	1,539	141	1,385
92	11 1/2	427	172	1,684	154	1,514
96	12	464	191	1,872	172	1,685

*LDBF as per OCIMF MEG4 recommendations (spliced dry condition)

FEATURES & BENEFITS

- Mixed or composite rope of Polyolefin and Polyester c/w RRR nylon core
- Special marine finish is applied for better wear resistance in the marine environment
- Magnaro® -RRR (Reduced Recoil Rope) is designed to have a reduced tendency to completely break suddenly and to recoil catastrophically. The RRR usually breaks in a cascading manner, providing sufficient warning time in the event of failure and thereby reducing the risk of injuries.
- Our custom made high tenacity polyester Magnaro® Sleeve is pre-installed on both ends of the ropes and tails, protecting the entire length of the eye against abrasion

APPLICATIONS

MOORING

- Main Line
- Tail

ELONGATION

Magnaro® - RRR	
Break Force	Elongation
10%	3.0%
30%	6.8%
50%	9.7%
100%	15.1%