



MAGNARO[®]-Nylon

PRODUCT PROPERTIES

Material	Nylon
Construction	8-strand
Jacketed	No
Rotating	No
Color of Rope	White
Specific Gravity	1.14 Non-Floating
Melting Point	215°C
Abrasion Resistance	Excellent
U.V. Resistance	Very good
Chemical Resistance	Excellent
Dry & Wet Conditions	Strength declines 10% when wet

Dia.	Circ.	Weight	MBL (Unspliced)		MBL (Spliced)		LDBF*	
			Ton	Kn	Ton	kN	Ton	kN
40	5	95.5	33.0	324	29.7	292	26.7	262.4
48	6	141	46.0	451	41.4	406	37.3	365
56	7	191	61.0	598	54.9	538	49.4	484
64	8	236	80.0	785	72.0	707	64.8	636
68	8 1/2	285	90.0	883	81.0	795	72.9	716
72	9	316	99.0	971	89.1	874	80.2	787
74	9 1/4	346	108	1,059	97.2	953	87.5	858
80	10	386	122	1,197	110	1,077	98.8	972
84	10 1/2	436	134	1,315	121	1,184	108.5	1,062
88	11	471	146	1,432	131	1,289	118.3	1,161
96	12	546	169	1,658	152	1,492	136.9	1,341
112	14	727	231	2,266	208	2,039	187.1	1,836
120	15	800	240	2,354	216	2,119	194.4	1,908

*LDBF = Line Design Break Force, calculation based on new, spliced and wet, 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 and tails, protecting the entire length of the eye against abrasion

FEATURES & BENEFITS

- Nylon is the world's first true synthetic textile fibre
- Can be used for all purposes
- Produced according to the latest EN and ISO standards
- Combines high strength and excellent abrasion resistance
- Its high elasticity makes the rope very suitable as a mooring tail

APPLICATIONS:

MOORING

- Main Line
- Tail

Elongation at % of MBL :

MBL	New	Used
25%	20.0%	15.5%
50%	27.8%	19.5%
100%	38.0%	25.0%