



MAGNARO[®]-Flex

PRODUCT PROPERTIES

Material	High Tenacity Polyolefin & High Tenacity Polyester
Construction	8/12-strand
Jacketed	No
Rotating	No
Color of Rope	White with 1 red marker
Specific Gravity	1.10 Semi-Floating
Melting Point	165°C/260°C
Abrasion Resistance	Excellent
U.V. Resistance	Excellent
Chemical Resistance	Excellent
Dry & Wet Conditions	Identical wet & dry strengths

Dia	Circ.	Weight	MBL (Unspliced)		MBL / LDBF* (Spliced)	
			mm	Inch	(kg/100m)	Ton
40	5	103	42.5	417	38.3	375
44	5 1/2	122	51.6	506	46.4	455
48	6	143	60.0	589	54.0	530
52	6 1/2	166	70.6	693	63.5	624
56	7	189	81.0	795	72.9	716
60	7 1/2	221	93.3	915	84.0	824
64	8	245	104	1020	93.6	918
68	8 1/2	281	118	1,158	106	1,042
72	9	311	130	1,275	117	1,148
76	9 1/2	357	150	1,472	135	1,325
80	10	393	165	1,619	149	1,457
84	10 1/2	465	177	1,736	159	1,562
88	11	498	191	1,874	172	1,687
96	12	590	225	2,207	203	1,986

*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 and tails, 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
- One of the best and most durable ropes for mooring and towing purposes
- Preferred rope for many ship owners and managers because of its strength for size and fatigue/abrasion properties

APPLICATIONS:

MOORING

- Main Line
- Tail

TOWING

- Main Line
- Pennant

Elongation at % of MBL :

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