



MAGNARO[®]-Tibrid

PRODUCT PROPERTIES

Material	High Tenacity Polyolefin & High Tenacity Polyester
Construction	8-strand
Jacketed	No
Rotating	No
Color of Rope	White with 1 blue & 1 orange marker
Specific Gravity	0.99 Floating
Melting Point	165°C / 260
Abrasion Resistance	Good
U.V. Resistance	Good
Chemical Resistance	Very Good
Dry & Wet Conditions	Identical wet & dry strengths

FEATURES & BENEFITS

- Mixed or composite rope of Polyolefin and Polyester
- Offers good abrasion resistance and high strength at a very economical price

APPLICATIONS:

MOORING

- Main Line
- Tail

Dia	Circ.	Weight	MBL (Unspliced)		MBL / LDBF* (Spliced)	
			Ton	kN	Ton	kN
40	5	79.1	31.1	305	28.0	275
44	5 1/2	101	38.0	373	34.2	336
48	6	115	43.6	428	39.2	385
52	6 1/2	134	50.6	496	45.5	446
56	7	156	60.0	589	54.0	530
60	7 1/2	180	66.0	647	59.4	582
64	8	204	75.0	736	67.5	662
68	8 1/2	230	85.0	834	76.5	751
72	9	257	90.0	883	81.0	795
76	9 1/2	288	105	1,030	94.5	927
80	10	319	114	1,118	103	1,006
88	11	386	140	1,373	126	1,236
96	12	458	166	1,628	149	1,465

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

- Available as mooring rope 200/220m and tails

Elongation at % of MBL :		
MBL	New	Used
25%	9.0%	5.5%
50%	13.0%	8.0%
100%	18.0%	12.0%