



## 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°C
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 ELONGATION

#### MOORING

- Main Line
- Tail

Elongation at % of MBL :	
MBL	Elongation
20%	4.5%
40%	8.4%
60%	11.8%
100%	16.1%

Dia.	Circ.	Weight	MBL (Unspliced)		MBL/LDBF*(Spliced)	
			Ton	kN	Ton	kN
40	5	79.1	31.1	305	28.0	275
42	5 1/4	89.5	34.5	338	31.0	304
44	5 1/2	98.2	38.0	373	34.2	335
46	5 3/4	108	40.8	400	36.7	360
48	6	115	43.6	427	39.2	384
50	6 1/4	124	47.0	461	42.3	415
52	6 1/2	131	50.6	496	45.5	446
54	6 3/4	145	55.2	541	49.7	487
56	7	156	60.0	588	54.0	529
58	7 1/4	168	63.0	618	54.0	529
60	7 1/2	176	66.0	647	59.4	582
62	7 3/4	192	70.4	690	63.4	622
64	8	201	75.0	735	67.5	662
66	8 1/4	217	79.9	783	71.9	705
68	8 1/2	229	85.0	833	76.5	750
70	8 3/4	240	88.5	868	79.7	781
72	9	250	92.0	902	82.8	812
76	9 1/2	288	105	1029	94.5	926
80	10	313	116	1137	104	1,024
84	10 1/2	352	127	1245	114	1,122
88	11	386	144	1412	130	1,271
92	11 1/2	423	157	1539	141	1,385
96	12	458	169	1657	152	1,491
100	12 1/2	497	183	1794	165	1,615
104	13	537	198	1941	178	1,747

\*LDBF as per OCIMF MEG4 recommendations (spliced dry condition (wet for nylon))