



**D. KORONAKIS S.A.**

# KARAT MAXI 8



**KARAT® MAXI** has become standard terminology in high quality mooring applications, providing very high strength/weight ratio, allowing substantial size reductions and ease in handling, as well as on excellent overall economy. The **KARAT® MAXI PLUS** ropes, have higher strength than the conventional permanently floating mooring ropes, no loss of strength when wet and high energy absorption.

## KEY FEATURES

-  **CONSTRUCTION** 8 strands
-  **SPECIFIC GRAVITY** 0.99
-  **UV-RESISTANCE** Very good
-  **ABRASION RESISTANCE** Very good
-  **CHEMICAL RESISTANCE** Good
-  **ELONGATION** 14-16%
-  **MELTING POINT** Approx. 185°C
-  **WATER ABSORPTION** None
-  **COLOR** Orange with blue tracer.  
Other upon request



**KARAT -8 ROPES SPECIFICATIONS acc. MEG 4**

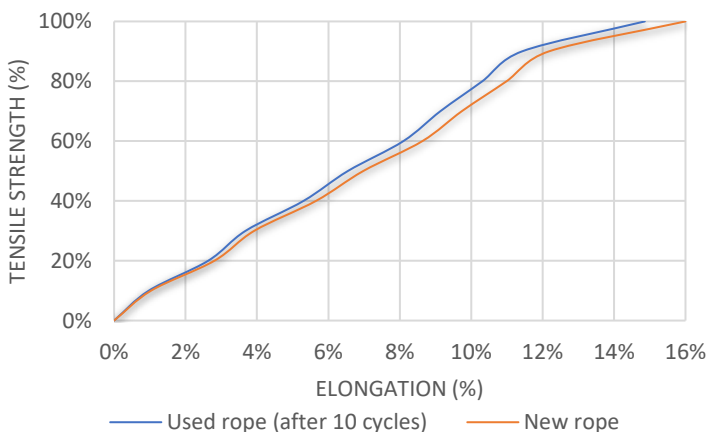
Diameter (mm)	Circumference (inch)	Linear Density (gr/m)	LDBF (tn)	LDBF (kN)
32	4"	520	22.5	221
36	4 ½"	660	28.3	278
40	5"	800	35.1	344
44	5 ½"	970	41.9	411
48	6"	1,150	49.2	483
52	6 ½"	1,360	57.1	560
56	7"	1,570	65.6	644
60	7 ½"	1,810	74.5	731
64	8"	2,060	84.3	827
68	8 ½"	2,320	94.5	927
72	9"	2,600	105.3	1,033
76	9 ½"	2,910	116.0	1,138
80	10"	3,210	126.7	1,243
84	10 ½"	3,350	133.9	1,314
88	11"	3,890	141.1	1,384
96	12"	4,630	166.9	1,637
104	13"	5,440	187.0	1,834
112	14"	6,300	215.0	2,109
120	15"	7,240	246.0	2,413
128	16"	8,230	280.0	2,747
136	17"	9,290	316.0	3,100
144	18"	11,150	391.0	3,836

a. The diameter corresponds to the approximate diameter in millimeters.

b. The linear density is under reference tension and is measured as specified in CI 1500:2015.

c. The linear density tolerance is ±5%.

## LOAD ELONGATION CURVE



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