

HMS-POLYAMID

NYLON ROPES, THANKS TO THEIR PROPERTIES, ARE ABLE TO ABSORB SHOCK ENERGY, HAVE EXCELLENT STRENGTH AND VERY GOOD ABRASION RESISTANCE.

In comparison with polyolefin ropes, PA ropes have different properties, such as higher elongation, higher strength, better resistance to different weather conditions.



APPLICATIONS

- W TOWING LINES
- W MOORING LINES
- W FISHING LINES

PARAMETERS

Material	PA multifilament fibres
Specific Gravity	1.14 kg/dm ³
Floating	no
Melting temperature	215 °C
UV resistance	very good
Abrasion resistance	very good
Durability	good
Standard	ISO EN 1140
Water absorption	4 %
Dry and wet conditions	Strength declines 10 % when wet
TCLL value	55 %

Complies with OCIMF (MEG 2007)



New type of high tensity polyamide ropes.

Diameter	Circ.	Weight	MBL	MBL
mm	inch	kg/100 m	t	kN
64	8	253.0	101.0	991.0
72	9	331.0	128.5	1260.5
80	10	394.5	146.4	1435.8

Diameter	Circ.	Weight	MBL	MBL
mm	inch	kg/100 m	t	kN
28	3 1/2	49.0	15.3	150
30	3 3/4	56.0	17.3	170
32	4	64.0	20.4	200
36	4 1/2	81.0	25.5	250
40	5	100.0	30.6	300
44	5 1/2	121.0	36.2	355
48	6	144.0	43.3	425
52	6 1/2	170.0	51.0	500
56	7	197.0	57.1	560
60	7 1/2	226.0	64.2	630
64	8	257.0	72.4	710
68	8 1/2	286.5	81.3	798
72	9	325.0	91.7	900
76	9 1/2	357.0	100.4	985
80	10	401.0	114.2	1120
84	10 1/2	443.5	124.4	1220
88	11	486.0	134.6	1320
92	11 1/2	523.5	147.8	1450
96	12	578.0	163.1	1600
100	12 1/2	624.5	174.3	1710
104	13	677.5	189.6	1860

Spliced Termination: -10 %
MBL is in accordance with ISO 2307

LOAD – ELONGATION CURVES FOR
NEW AND USED ROPE

