

# HMS POLYS

MODERN MATERIAL ROPE WITH VERY GOOD STRENGTH AND ABRASION RESISTANCE, VERY GOOD RESISTANCE TO CHEMICALS, EASY MAINTENANCE, WIDE RANGE OF COLORS, NOT HARMFUL TO HEALTH.

Ropes especially for marine shipping industry, for fishing industry and also for those industries where low weight and high strength is required.



## APPLICATIONS

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

## PARAMETERS

Material	POLYS fibres (mixture of PP and PE)
Specific Gravity	0.92 kg/dm <sup>3</sup>
Floating	yes
Melting temperature	165 °C
UV resistance	good
Abrasion resistance	good
Durability	good
Standard	EN 10572
Water absorption	max. 0.1 %
Dry and wet conditions	identical wet and dry conditions



Diameter	Circ.	Weight	MBL	MBL
mm	inch	kg/100 m	t	kN
28	3 1/2	35.5	14.2	139.0
30	3 3/4	40.8	16.1	158.0
32	4	46.4	18.2	179.0
34	4.25	52.6	21.4	210.0
36	4 1/2	58.7	22.8	224.0
38	4 3/4	65.2	24.9	244.0
40	5	72.5	27.9	274.0
44	5 1/2	87.7	33.3	327.0
48	6	104.0	39.2	385.0
52	6 1/2	122.0	45.7	448.0
56	7	142.0	52.4	514.0
60	7 1/2	163.0	59.4	583.0
64	8	186.0	67.0	657.0
68	8 1/2	210.0	75.1	737.0
72	9	235.0	83.6	820.0
76	9 1/2	262.0	92.6	908.0
80	10	290.0	102.0	1000.4
84	10 1/2	320.5	111.6	1095.2
88	11	351.0	121.3	1190.0
92	11 1/2	384.0	132.0	1295.0
96	12	417.0	142.7	1400.0
100	12 1/2	452.0	153.4	1505.0

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

## LOAD – ELONGATION CURVES FOR NEW AND USED ROPE

