

HMS POLYESTER

High tenacity polyester ropes and cords are characterized by their excellent resistance to weather conditions, high strength and excellent abrasion resistance, they remain flexible and soft even when wet.

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 MOORING TAILS
- W OFFSHORE LINES

Certificates:

DNV-GL
Russian Maritime Register

Parameters:

Material:	PES multifilament fibres
Specific Gravity:	1.38 kg/dm ³
Floating:	no
Melting Temperature:	260 °C
UV resistance:	outstanding
Abrasion resistance:	outstanding
Durability:	very good
Manipulation:	good
Standard:	ISO EN 1141
Water absorption:	max. 0.5 %
Dry and wet conditions:	identical wet and dry conditions

Complies with OCIMF (MEG 2007)

diameter (mm)	Dia. (inch)	Weight (kg/100 m)	WLL (t)	WLL (kN)
16	5/8"	88.8	18.8	1860
20	3/4"	117.7	23.2	2280
25	1"	169.8	33.8	3330
32	1 1/4"	241.6	48.7	4800
40	1 1/2"	318.0	63.3	6190
50	2"	438.0	87.8	8590
63	2 1/2"	600.0	121.1	11900
80	3"	828.0	166.2	16300
100	4"	1134.0	228.0	22400
125	5"	1470.0	297.0	29100
160	6 1/4"	2016.0	408.0	40000
200	8"	2736.0	550.0	53900
250	10"	3690.0	738.0	72500
315	12 1/2"	4959.0	990.0	96900
400	16"	6720.0	1344.0	131800
500	20"	8820.0	1764.0	172800

Typical Tensile: +18 %
MSL is in accordance with ISO 2281