



SUPERIOR LINE

SUPERIOR 12 WITH HMPE

Combining small diameters with high breaking strengths, the lightest rope with the highest breaking strengths.

GENERAL

- 12-strand braided ropes made of HMPE
- Commonly known as HMPE : High Modulus PolyEthylene
- Superior abrasion resistance
- Very high strength and low weight to diameter ratio
- Easy in handling and operation
- Comparable to steel wire characteristics

FEATURES

- **Material:** Ultra – High Molecular Weight Polyethylene
- **Construction:** 12-strand braided
- **Treatment:** Marine nish
- **Color of Rope:** dia < 32mm: grey – dia > 32mm: white
- **Approx. Spec. Density:** 0,975 coating
- **Melting Point:** 145° C
- **Abrasion Resistance:** Excellent
- **U.V. Resistance:** Good
- **Temperature Resistance:** 70°C max continuous
- **Chemical Resistance:** Excellent
- **Dry & Wet Conditions:** Wet strength equals dry strength

APPLICATIONS Mooring, Other

SECTORS

Barges Bulk Carriers Container Ships
 Fishing vessels (nets) Passenger Ships

ROPES WITH HMPE FIBER (12strand)					
Dia mm	Circ. "	Dia "	Min. Break Load		Weight kg/100m
			tf	kN	
6	3/4	1/4	7.6	74.6	3.9
8	1	5/16	10.1	99.1	5.1
10	1 1/4	7/16	14.2	139.3	7.6
12	1 1/2	1/2	18.5	181.5	9.8
14	1 3/4	9/16	24.6	241	13.1
16	2	5/8	30.7	301	16.4
18	2 1/4	3/4	36.9	362	19.8
20	2 1/2	13/16	43.1	423	23.1
22	2 3/4	7/8	49.5	486	27.4
24	3	1	60.7	595	33.9
26	3 1/4	1 1/16	66.5	652	37.3
28	3 1/2	1 1/8	75.4	740	42.8
30	3 3/4	1 1/4	85.4	838	48.8
32	4	1 5/16	105	1029	61.7
36	4 1/2	1 1/2	123	1211	76.2
40	5	1 5/8	148	1447	92.1
44	5 1/2	1 3/4	171	1680	109.7
48	6	2	199	1953	129.2
52	6 1/2	2 1/8	226	2219	149.7
56	7	2 1/4	259	2538	171.2
60	7 1/2	2 1/2	289	2831	194.8
64	8	2 5/8	320	3139	220.4
68	8 1/2	2 3/4	354	3470	247.0
72	9	3	388	3806	274.7
76	9 1/2	3 1/8	427	4188	304.4
80	10	3 1/4	499	4896	369.0
88	11	3 5/8	576	5650	438.7
96	12	4	645	6325	514.6
104	13	4 1/4	740	7263	596.6
112	14	4 5/8	838	8220	684.9
120	15	5	941	9231	779.2
128	16	5 1/4	1050	10297	879.7
136	17	5 1/2	1164	11417	986.2
144	18	6	1283	12590	1098.8



